

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087205.D
 Acq On : 26 Jun 2025 19:20
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062625

Quant Time: Jun 27 05:56:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	188685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133931	49.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.640%		
35) Dibromofluoromethane	8.171	113	105790	48.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.940%		
50) Toluene-d8	10.565	98	423297	46.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.780%		
62) 4-Bromofluorobenzene	12.847	95	156377	49.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	117123	49.535	ug/l	98
3) Chloromethane	2.395	50	112599	48.771	ug/l	96
4) Vinyl Chloride	2.553	62	125323	50.235	ug/l	98
5) Bromomethane	2.989	94	69401	51.837	ug/l	98
6) Chloroethane	3.153	64	63812	48.950	ug/l	99
7) Trichlorofluoromethane	3.530	101	155804	52.447	ug/l	97
8) Diethyl Ether	3.989	74	67780	51.293	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.394	101	114625	54.740	ug/l	99
10) Methyl Iodide	4.618	142	107395	58.067	ug/l	98
11) Tert butyl alcohol	5.536	59	158646	265.167	ug/l	100
12) 1,1-Dichloroethene	4.371	96	113048	51.074	ug/l	96
13) Acrolein	4.200	56	136447	276.604	ug/l	98
14) Allyl chloride	5.047	41	186800	52.639	ug/l	99
15) Acrylonitrile	5.736	53	414511	265.666	ug/l	99
16) Acetone	4.441	43	342238	271.044	ug/l	98
17) Carbon Disulfide	4.741	76	344821	55.194	ug/l	100
18) Methyl Acetate	5.047	43	172974	52.858	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	408854	53.629	ug/l	97
20) Methylene Chloride	5.300	84	130082	55.142	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	127357	51.880	ug/l	94
22) Diisopropyl ether	6.683	45	409060	51.897	ug/l	98
23) Vinyl Acetate	6.618	43	1844652	261.704	ug/l	99
24) 1,1-Dichloroethane	6.588	63	236523	50.807	ug/l	99
25) 2-Butanone	7.488	43	560168	272.102	ug/l	99
26) 2,2-Dichloropropane	7.500	77	192222	51.944	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	151955	53.239	ug/l	97
28) Bromochloromethane	7.824	49	103450	50.549	ug/l	99
29) Tetrahydrofuran	7.847	42	370914	274.802	ug/l	100
30) Chloroform	7.971	83	228672	52.075	ug/l	100
31) Cyclohexane	8.265	56	209582	49.855	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	191921	50.872	ug/l	100
36) 1,1-Dichloropropene	8.377	75	164168	51.353	ug/l	100
37) Ethyl Acetate	7.571	43	215074	52.338	ug/l	100
38) Carbon Tetrachloride	8.371	117	158927	51.044	ug/l	97
39) Methylcyclohexane	9.600	83	196383	50.349	ug/l	99
40) Benzene	8.612	78	500062	50.625	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	115036	54.981	ug/l	99
42) 1,2-Dichloroethane	8.677	62	164124	51.110	ug/l	98
43) Isopropyl Acetate	8.688	43	317641	54.046	ug/l	100
44) Trichloroethene	9.353	130	114263	48.314	ug/l	98
45) 1,2-Dichloropropane	9.623	63	122838	48.246	ug/l	97
46) Dibromomethane	9.712	93	85054	49.294	ug/l	98
47) Bromodichloromethane	9.888	83	167661	48.383	ug/l	97
48) Methyl methacrylate	9.682	41	142133	50.020	ug/l	98
49) 1,4-Dioxane	9.706	88	45809	974.624	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	1024974	247.174	ug/l	100
52) Toluene	10.629	92	316019	50.044	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	199523	51.638	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	203608	49.525	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	122388	51.246	ug/l	97
56) Ethyl methacrylate	10.876	69	203024	50.398	ug/l	97
57) 1,3-Dichloropropane	11.165	76	217000	51.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	495728	227.812	ug/l	98
59) 2-Hexanone	11.200	43	691253	264.374	ug/l	99
60) Dibromochloromethane	11.359	129	135103	52.016	ug/l	100
61) 1,2-Dibromoethane	11.470	107	129627	51.347	ug/l	99
64) Tetrachloroethene	11.100	164	101330	50.914	ug/l	97
65) Chlorobenzene	11.888	112	360080	49.924	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	117142	50.847	ug/l	99
67) Ethyl Benzene	11.959	91	625604	52.008	ug/l	99
68) m/p-Xylenes	12.070	106	486378	105.673	ug/l	99
69) o-Xylene	12.394	106	230264	55.034	ug/l	99
70) Styrene	12.412	104	391863	54.565	ug/l	100
71) Bromoform	12.576	173	90085	52.689	ug/l #	98
73) Isopropylbenzene	12.694	105	588149	54.224	ug/l	100
74) N-amyl acetate	12.512	43	192968	47.813	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	196285	50.244	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	187267m	52.385	ug/l	
77) Bromobenzene	12.976	156	137403	52.124	ug/l	98
78) n-propylbenzene	13.029	91	712421	53.327	ug/l	100
79) 2-Chlorotoluene	13.123	91	425974	51.220	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	499658	55.801	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	84967	53.345	ug/l	88
82) 4-Chlorotoluene	13.217	91	444326	53.592	ug/l	100
83) tert-Butylbenzene	13.435	119	421297	54.774	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	491833	54.131	ug/l	100
85) sec-Butylbenzene	13.611	105	610932	53.913	ug/l	99
86) p-Isopropyltoluene	13.723	119	514686	55.378	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	271017	51.091	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	276031	50.610	ug/l	100
89) n-Butylbenzene	14.053	91	464891	53.838	ug/l	100
90) Hexachloroethane	14.329	117	92286	51.311	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	252812	50.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	46550	52.198	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	148650	53.446	ug/l	99
94) Hexachlorobutadiene	15.494	225	46000	52.428	ug/l	97
95) Naphthalene	15.635	128	568297	53.859	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	144006	52.439	ug/l	100

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Instrument :
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ClientSampleId :
ICV VN062625

Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

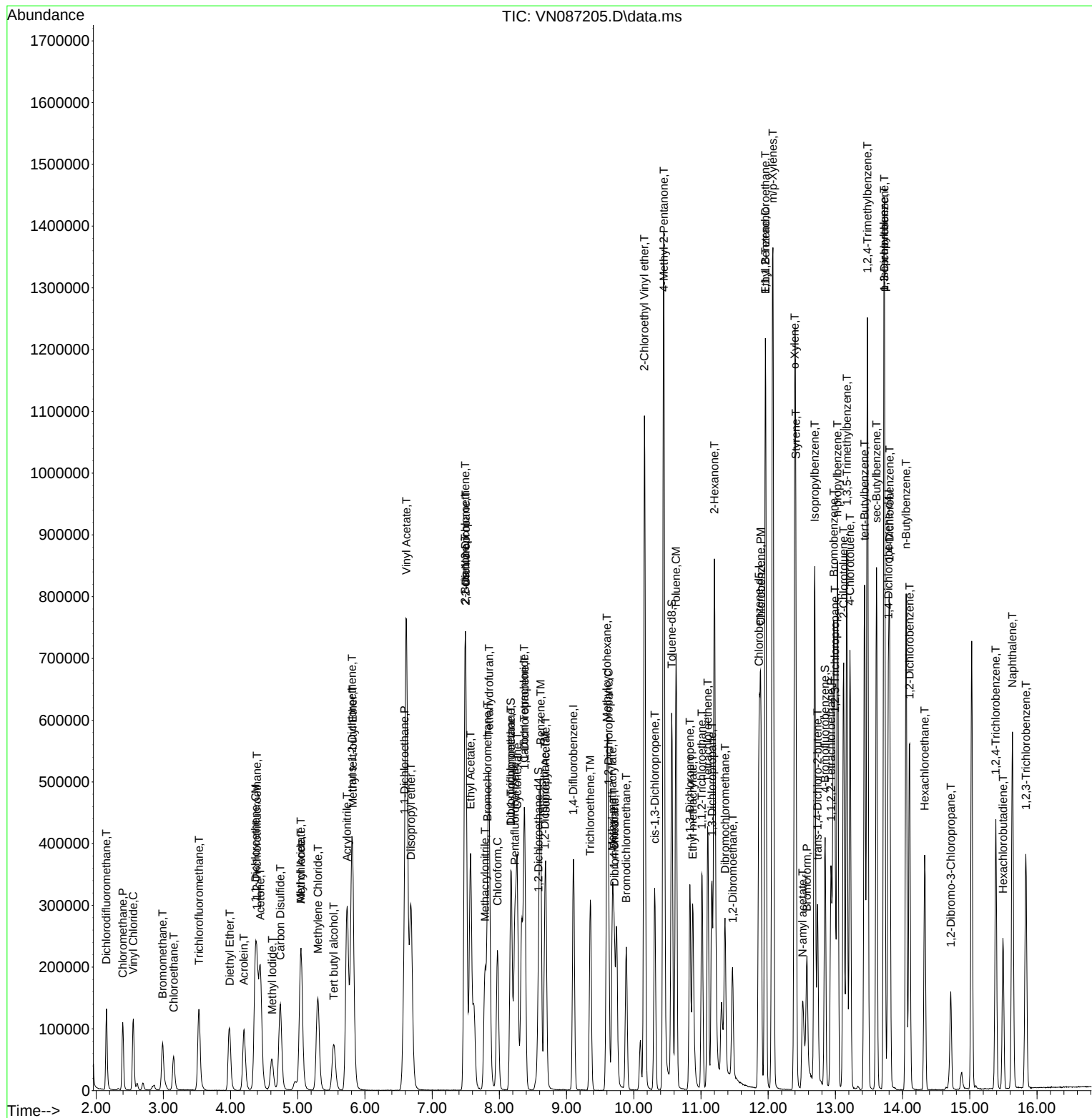
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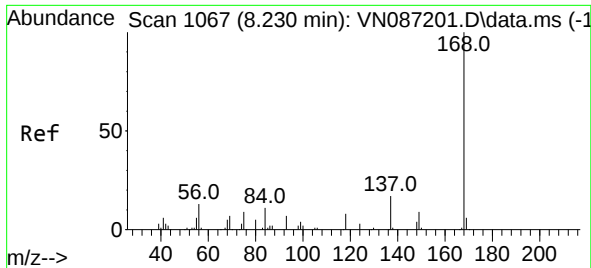
Instrument :
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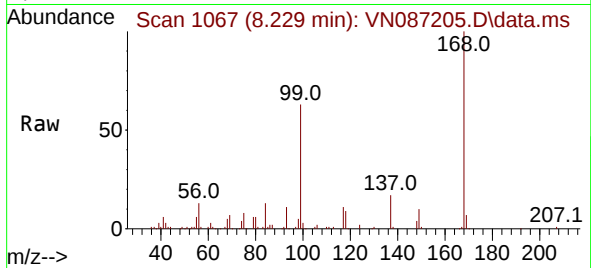
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN087205.D
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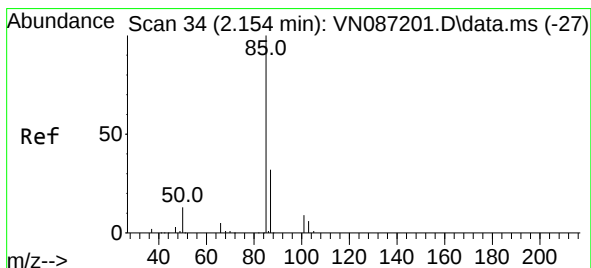
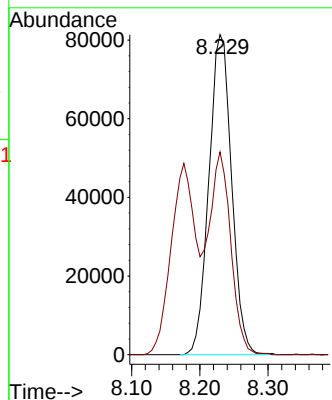
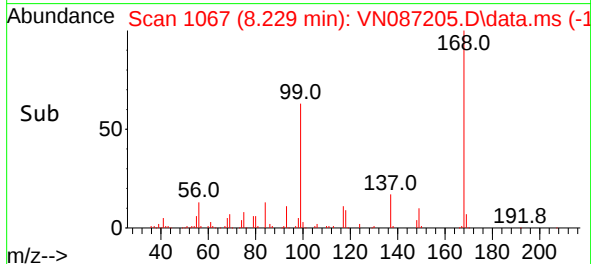
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



Tgt Ion:168 Resp: 18868
Ion Ratio Lower Upper
168 100
99 63.3 47.9 71.9

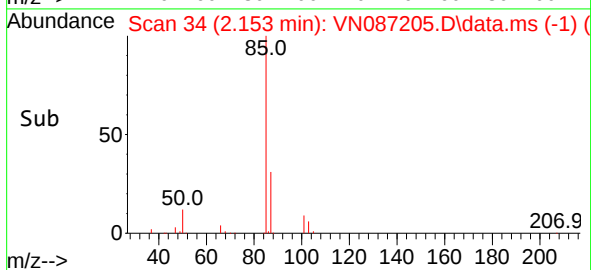
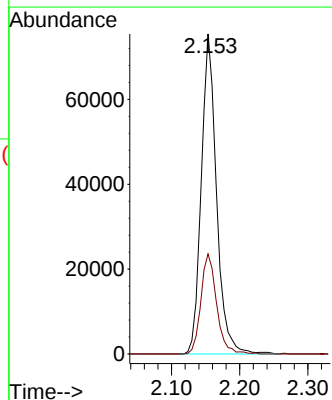
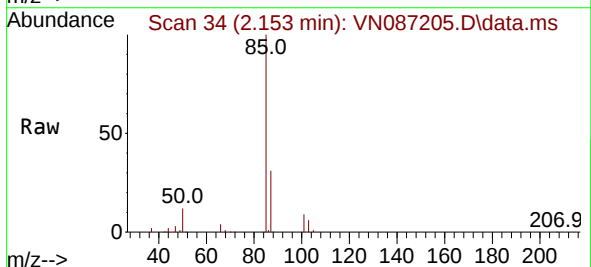
Manual Integrations
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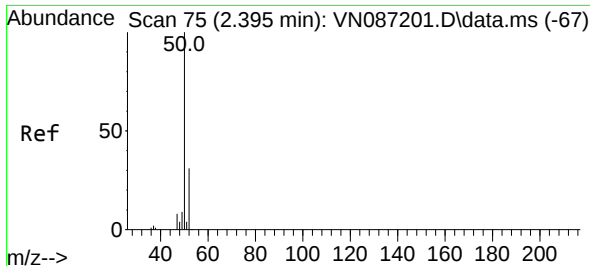
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#2
Dichlorodifluoromethane
Concen: 49.535 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

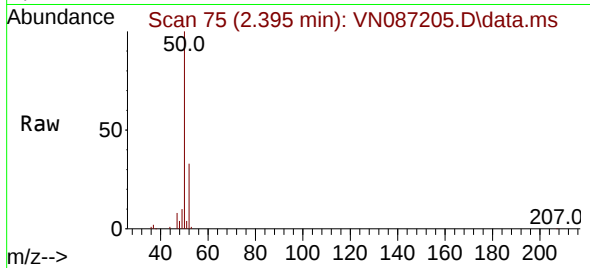
Tgt Ion: 85 Resp: 117123
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.3





#3
Chloromethane
Concen: 48.771 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

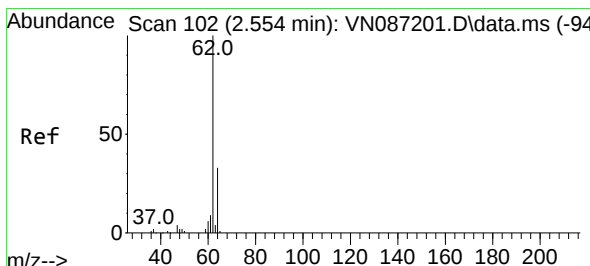
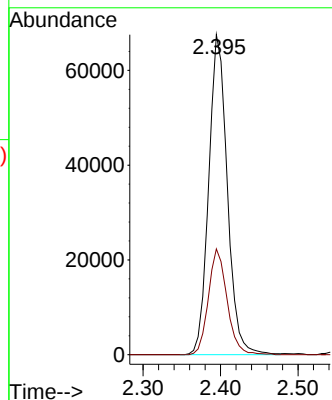
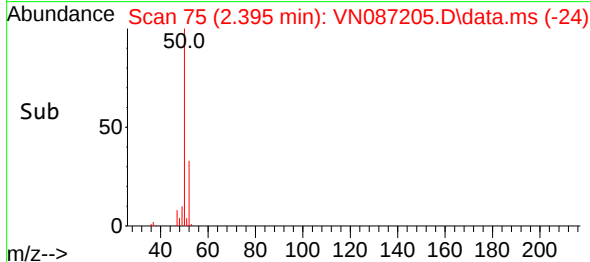
Instrument :
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ClientSampleId :
ICVVN062625



Tgt Ion: 50 Resp: 11259
Ion Ratio Lower Upper
50 100
52 33.1 24.6 36.8

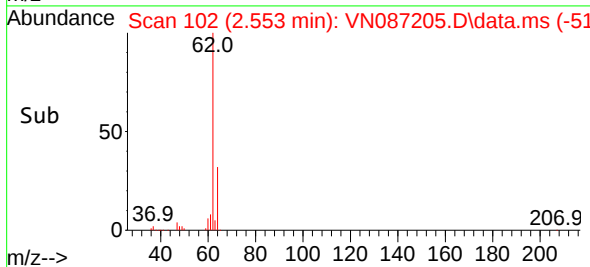
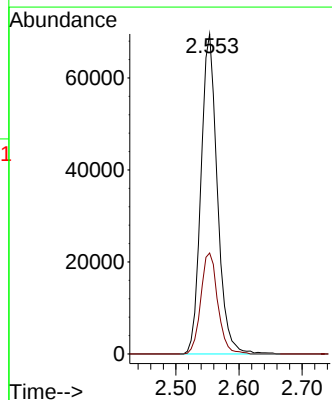
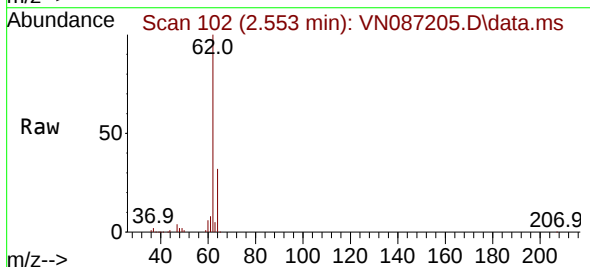
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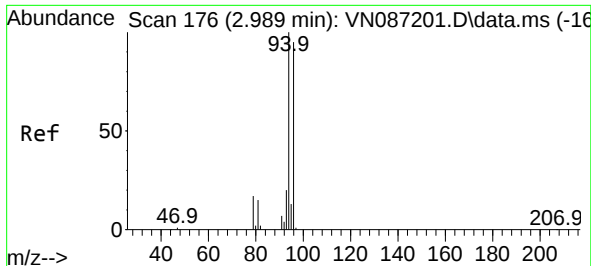
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#4
Vinyl Chloride
Concen: 50.235 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

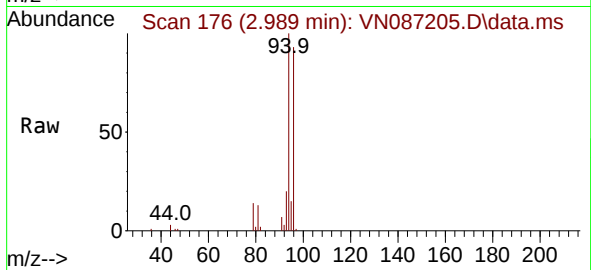
Tgt Ion: 62 Resp: 125323
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5
Bromomethane
Concen: 51.837 ug/l
RT: 2.989 min Scan# 176
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

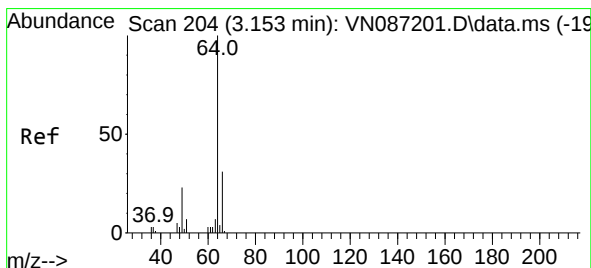
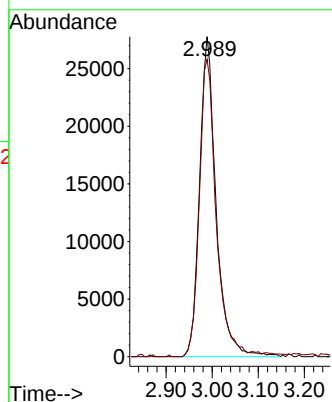
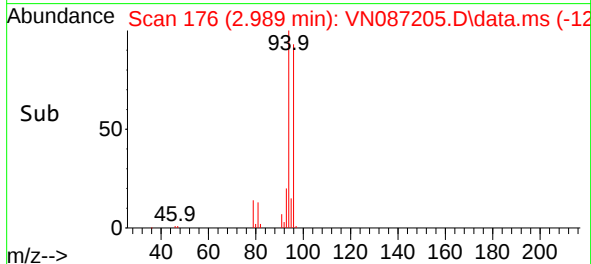
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Tgt Ion: 94 Resp: 6940
Ion Ratio Lower Upper
94 100
96 93.0 75.7 113.5

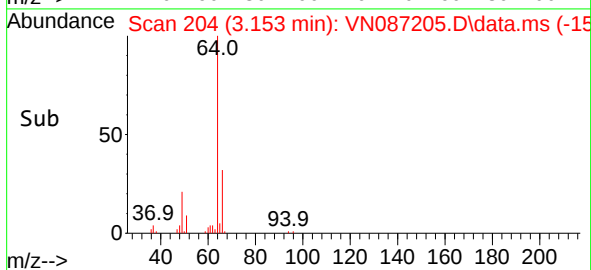
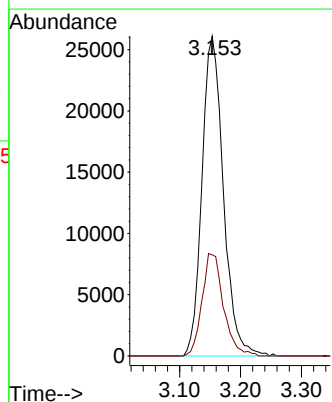
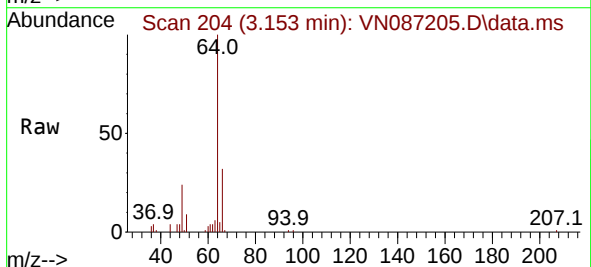
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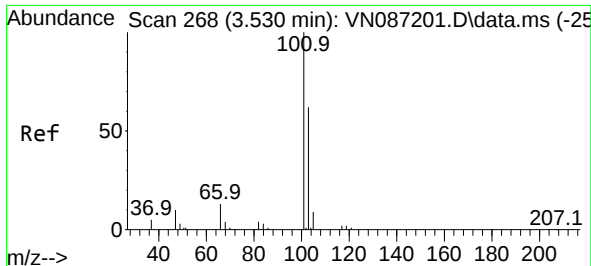
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#6
Chloroethane
Concen: 48.950 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

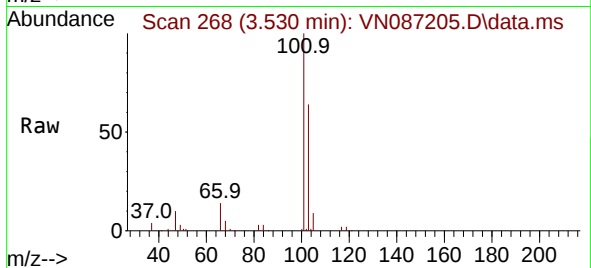
Tgt Ion: 64 Resp: 63812
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.4





#7
Trichlorofluoromethane
Concen: 52.447 ug/l
RT: 3.530 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

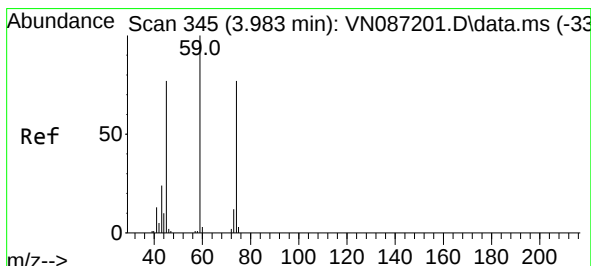
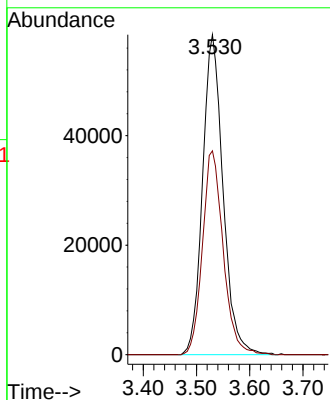
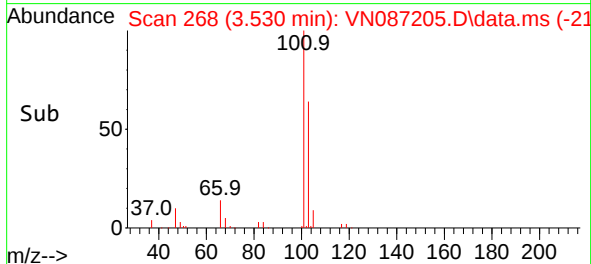
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Tgt Ion:101 Resp: 155804
Ion Ratio Lower Upper
101 100
103 63.7 49.3 73.9

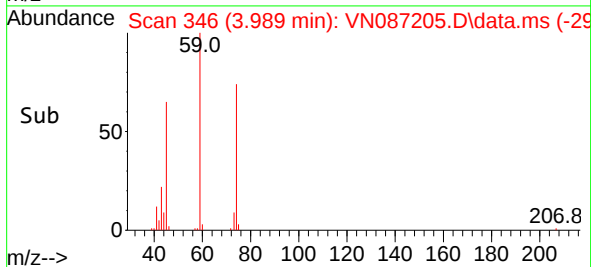
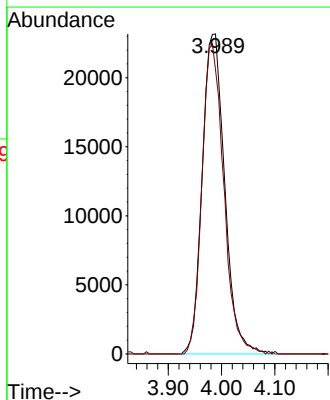
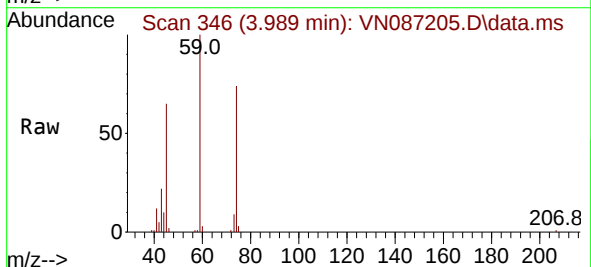
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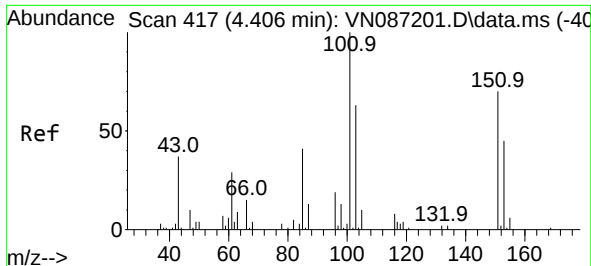
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#8
Diethyl Ether
Concen: 51.293 ug/l
RT: 3.989 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Tgt Ion: 74 Resp: 67780
Ion Ratio Lower Upper
74 100
45 94.0 47.0 141.2





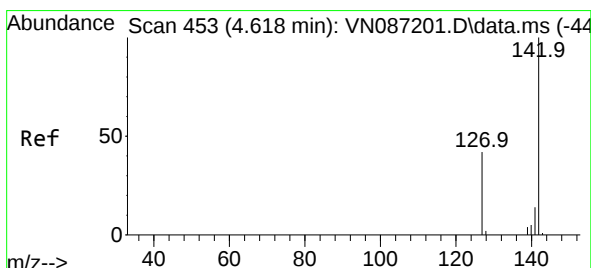
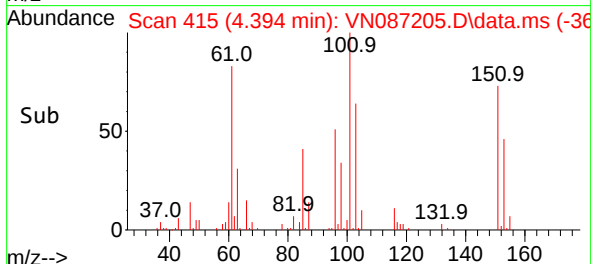
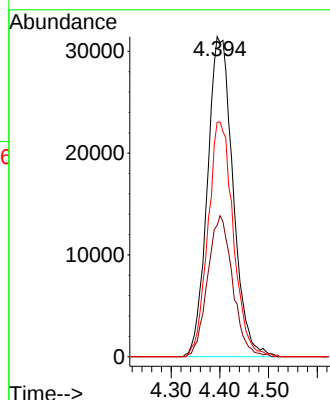
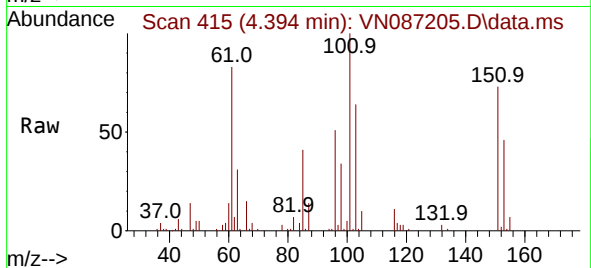
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.740 ug/l
RT: 4.394 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Tgt Ion:101 Resp: 114625
Ion Ratio Lower Upper
101 100
85 43.0 34.3 51.5
151 72.7 57.3 85.9

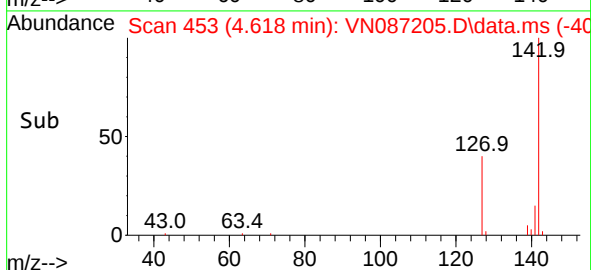
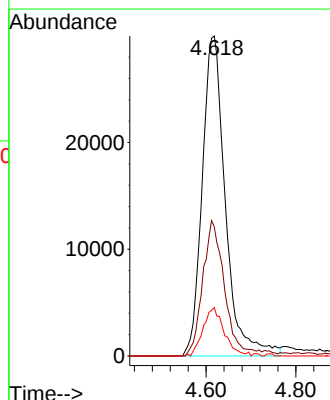
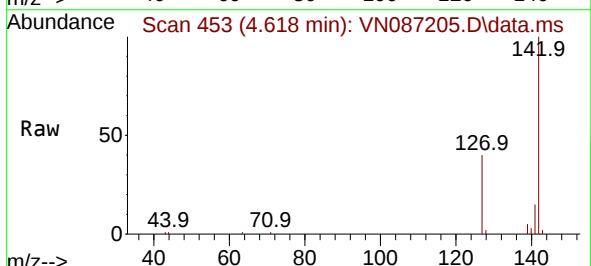
Manual Integrations
APPROVED

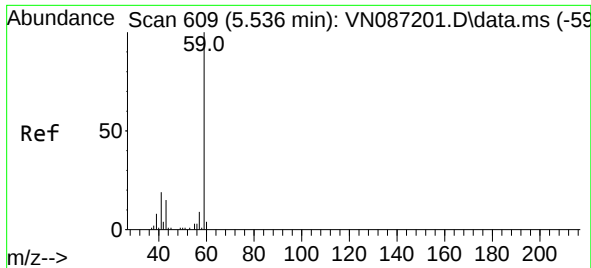
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#10
Methyl Iodide
Concen: 58.067 ug/l
RT: 4.618 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

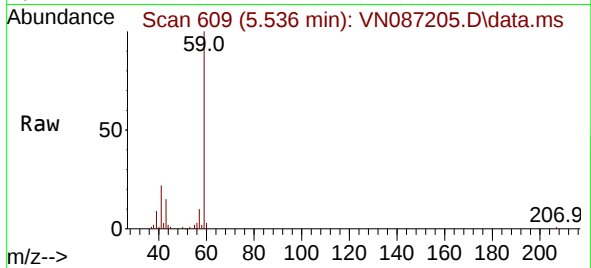
Tgt Ion:142 Resp: 107395
Ion Ratio Lower Upper
142 100
127 40.4 33.3 49.9
141 15.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 265.167 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

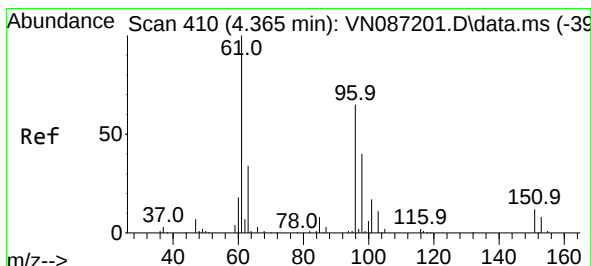
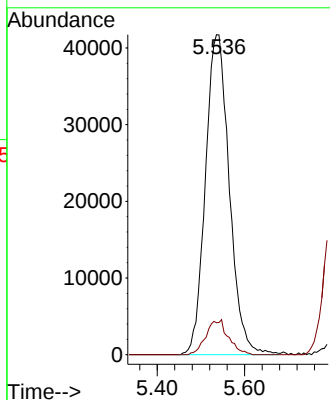
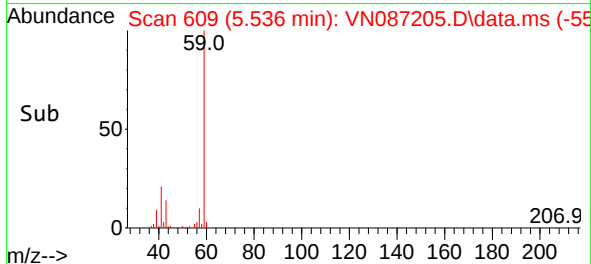
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



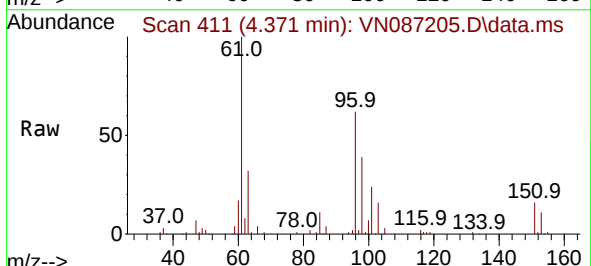
Tgt Ion: 59 Resp: 158640
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

Manual Integrations
APPROVED

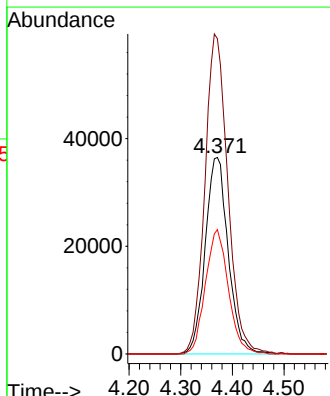
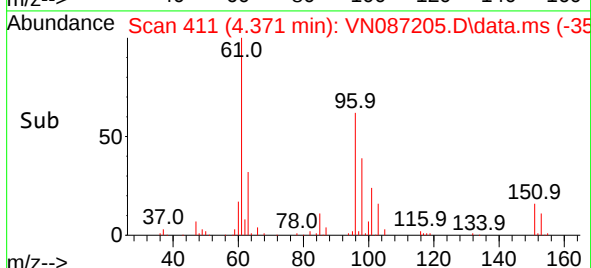
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

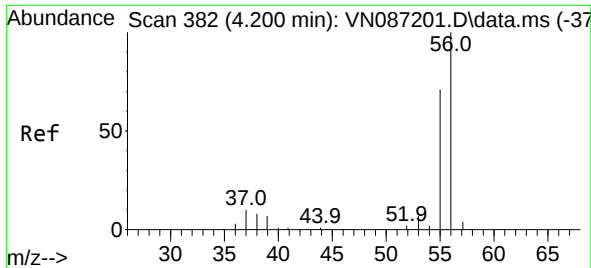


#12
1,1-Dichloroethene
Concen: 51.074 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



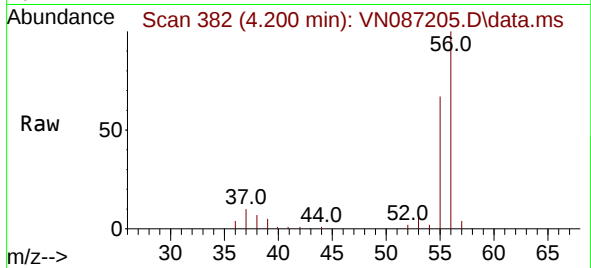
Tgt Ion: 96 Resp: 113048
Ion Ratio Lower Upper
96 100
61 160.4 123.5 185.3
98 63.3 49.5 74.3





#13
Acrolein
Concen: 276.604 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

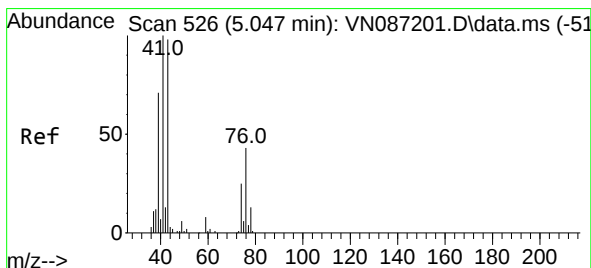
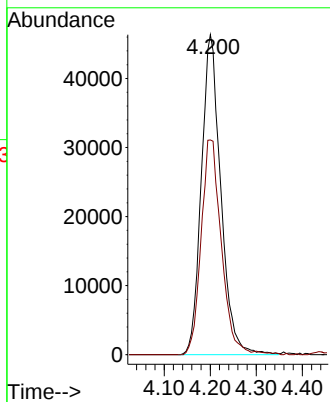
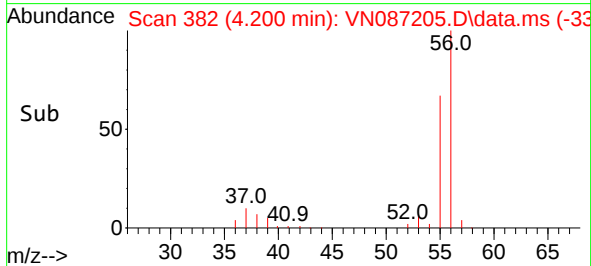
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



Tgt Ion: 56 Resp: 13644
Ion Ratio Lower Upper
56 100
55 69.2 56.8 85.2

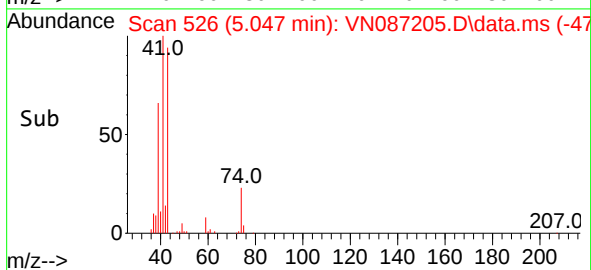
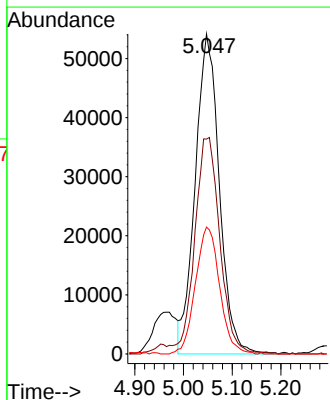
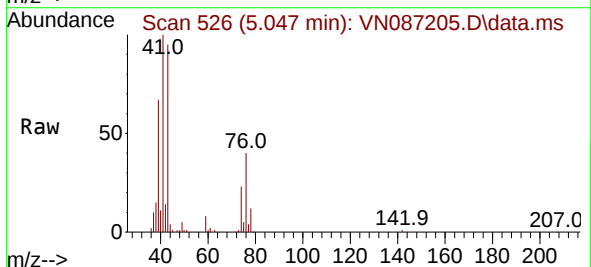
Manual Integrations
APPROVED

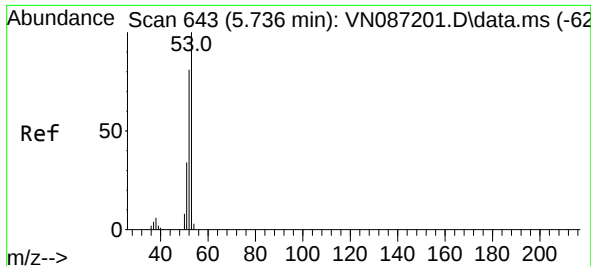
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#14
Allyl chloride
Concen: 52.639 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

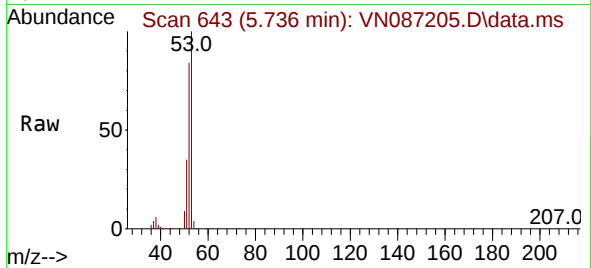
Tgt Ion: 41 Resp: 186800
Ion Ratio Lower Upper
41 100
39 70.2 55.0 82.6
76 39.7 31.3 46.9





#15
Acrylonitrile
Concen: 265.666 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

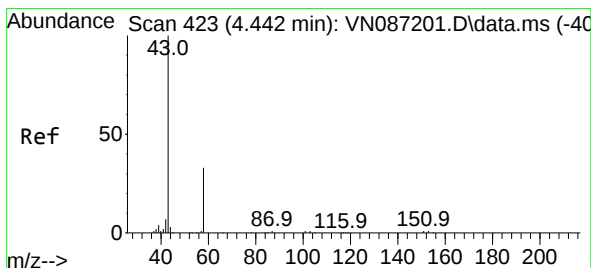
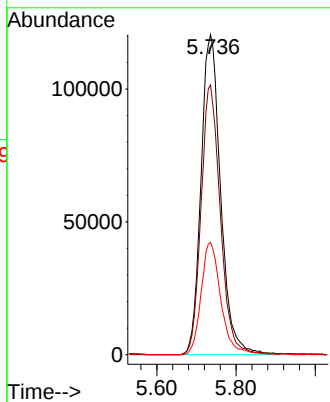
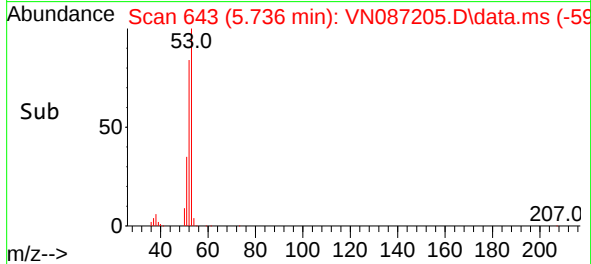
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



Tgt Ion: 53 Resp: 414511
Ion Ratio Lower Upper
53 100
52 82.6 65.0 97.6
51 35.2 27.8 41.6

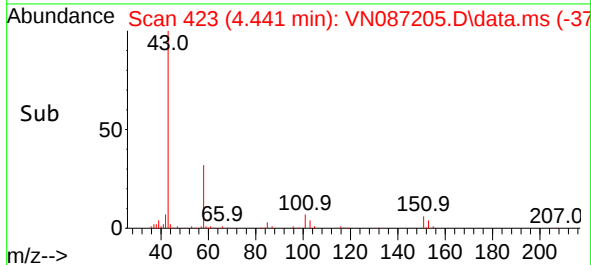
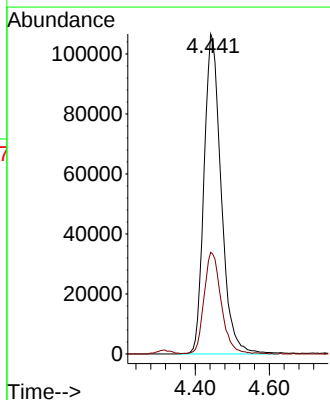
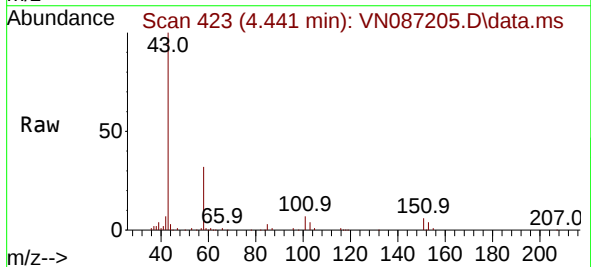
Manual Integrations
APPROVED

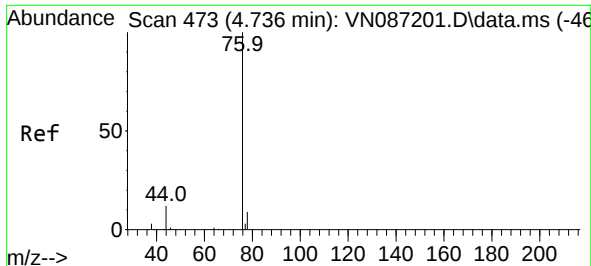
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#16
Acetone
Concen: 271.044 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

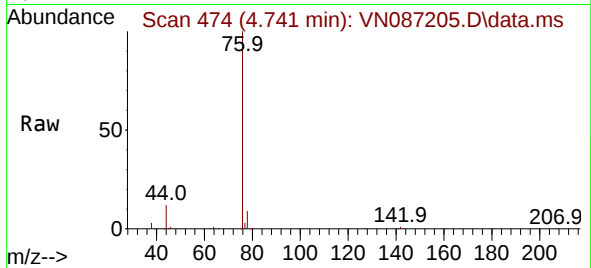
Tgt Ion: 43 Resp: 342238
Ion Ratio Lower Upper
43 100
58 31.7 26.5 39.7





#17
Carbon Disulfide
Concen: 55.194 ug/l
RT: 4.741 min Scan# 473
Delta R.T. 0.005 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

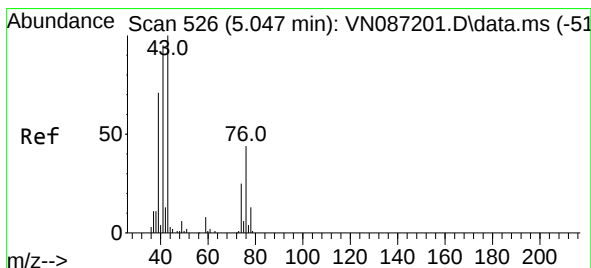
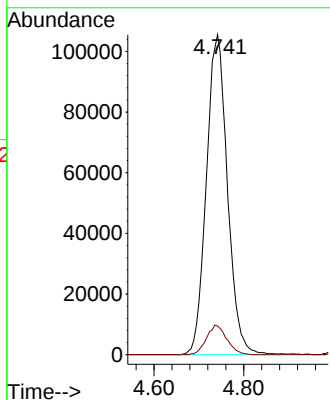
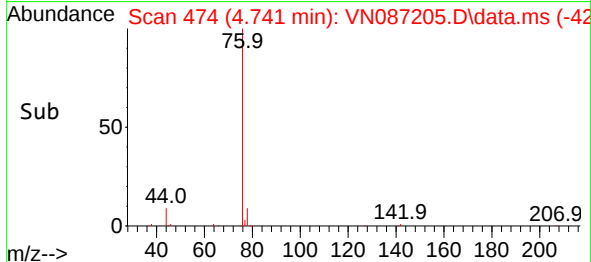
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



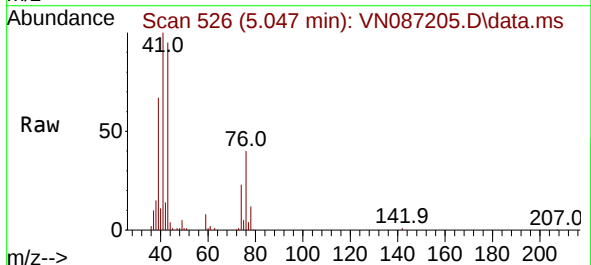
Tgt Ion: 76 Resp: 34482
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

Manual Integrations
APPROVED

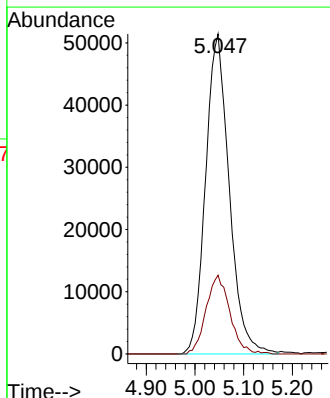
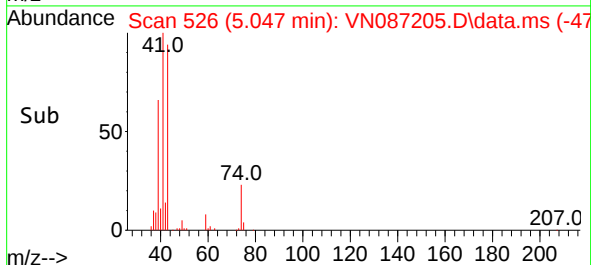
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

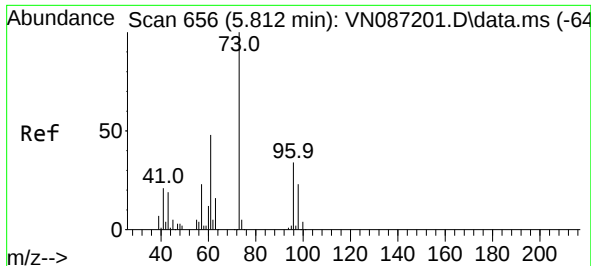


#18
Methyl Acetate
Concen: 52.858 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



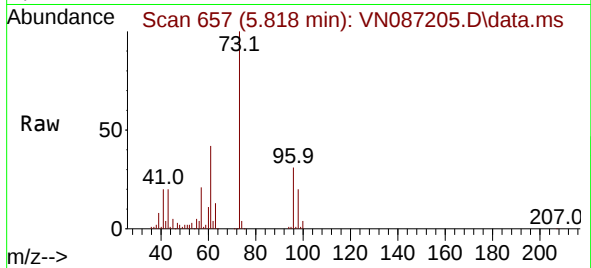
Tgt Ion: 43 Resp: 172974
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 53.629 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

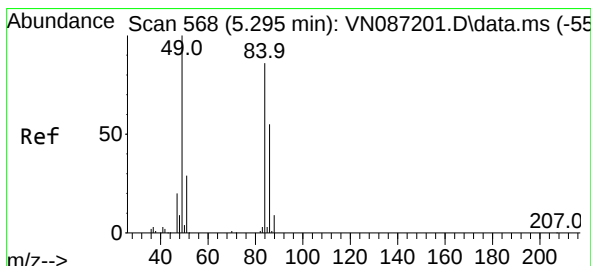
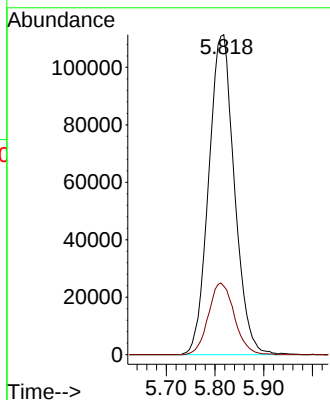
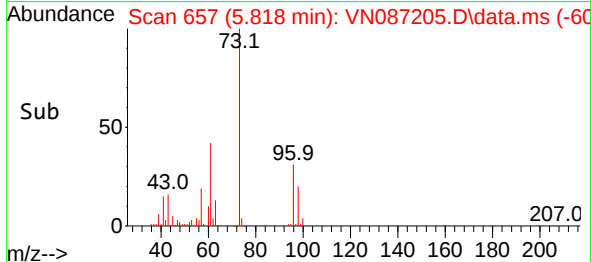
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



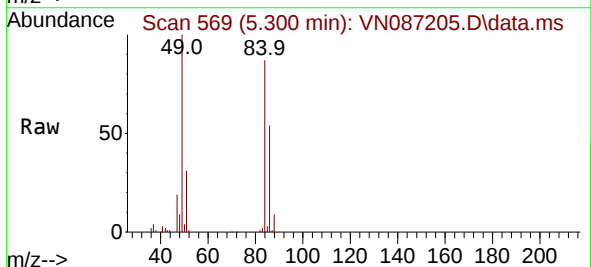
Tgt Ion: 73 Resp: 408854
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.4

Manual Integrations
APPROVED

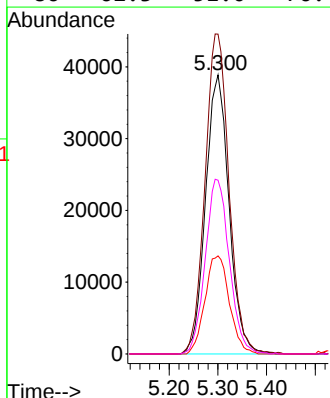
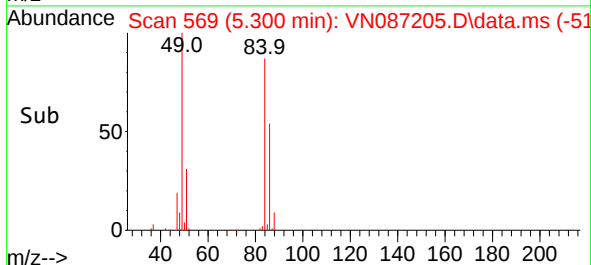
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

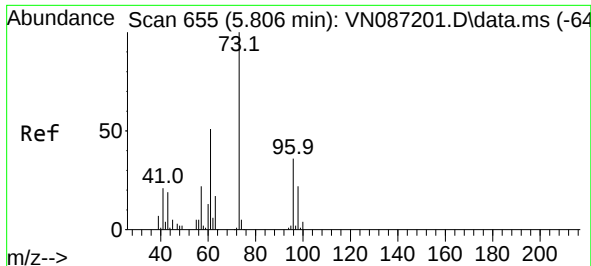


#20
Methylene Chloride
Concen: 55.142 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.005 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



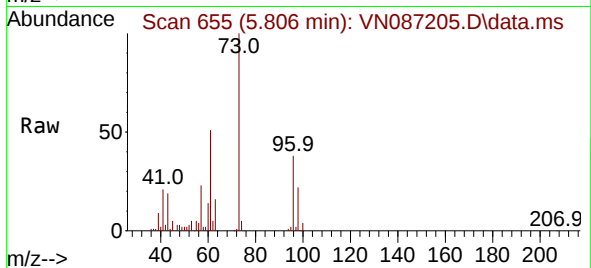
Tgt Ion: 84 Resp: 130082
Ion Ratio Lower Upper
84 100
49 114.6 93.0 139.6
51 35.1 27.2 40.8
86 62.3 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 51.880 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

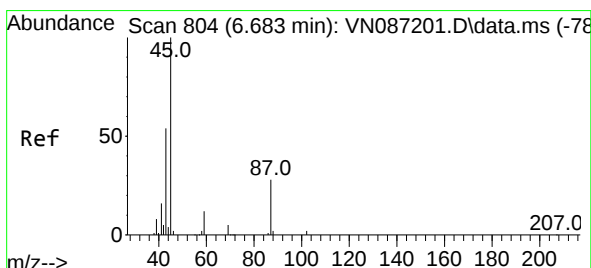
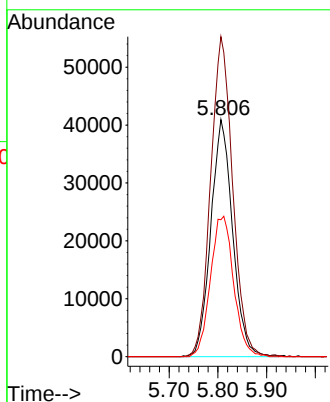
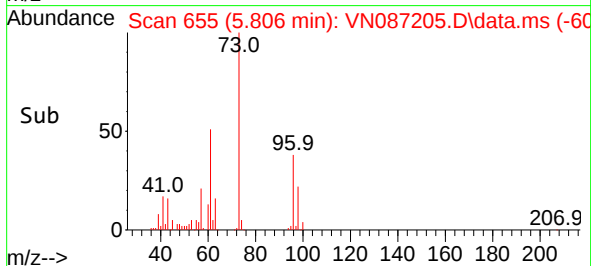
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



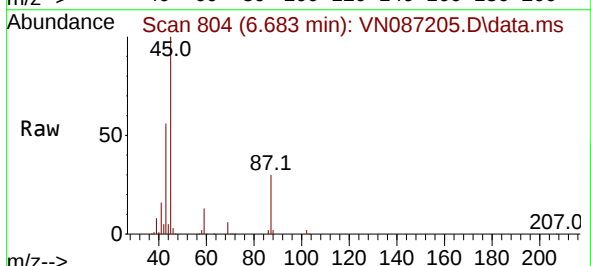
Tgt Ion: 96 Resp: 12735
Ion Ratio Lower Upper
96 100
61 135.0 113.8 170.8
98 57.8 50.4 75.6

Manual Integrations
APPROVED

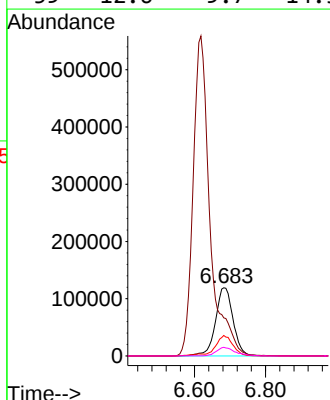
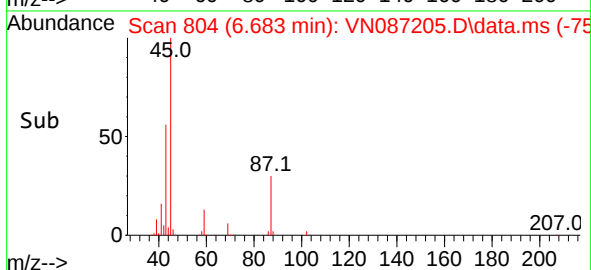
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

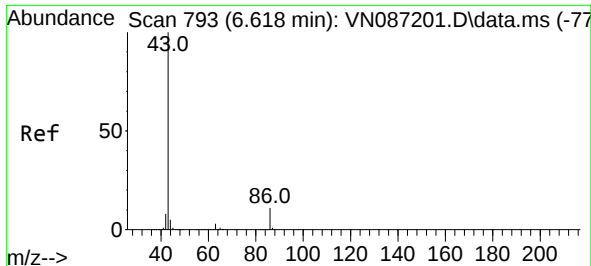


#22
Diisopropyl ether
Concen: 51.897 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



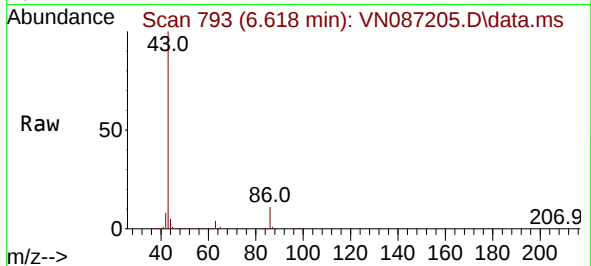
Tgt Ion: 45 Resp: 409060
Ion Ratio Lower Upper
45 100
43 55.4 45.8 68.6
87 29.9 22.7 34.1
59 12.6 9.7 14.5





#23
 Vinyl Acetate
 Concen: 261.704 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087205.D
 Acq: 26 Jun 2025 19:20

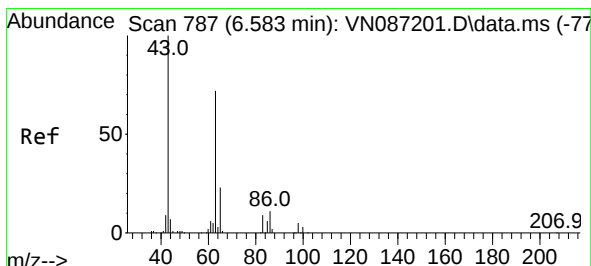
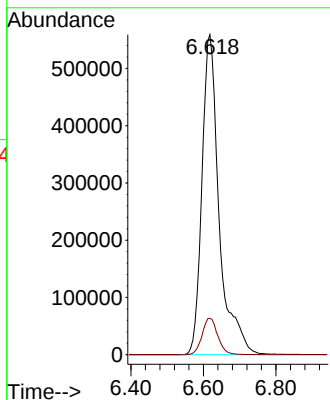
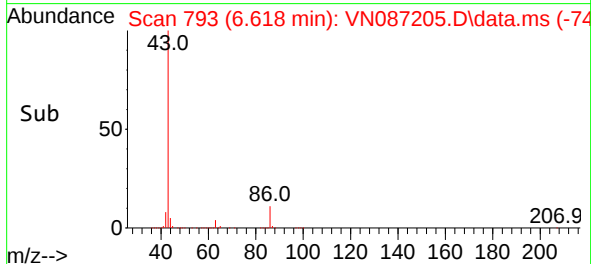
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062625



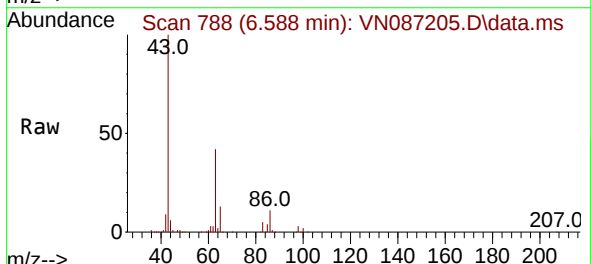
Tgt Ion: 43 Resp: 1844652
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.8 13.2

Manual Integrations
 APPROVED

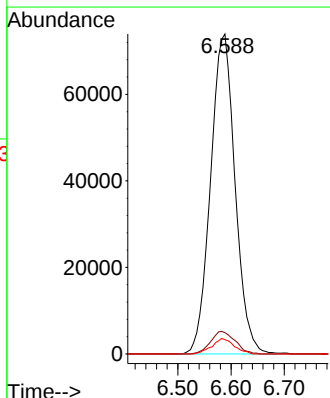
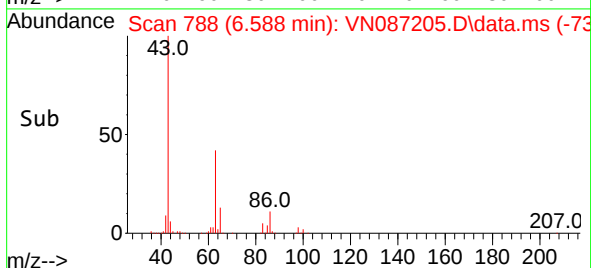
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025

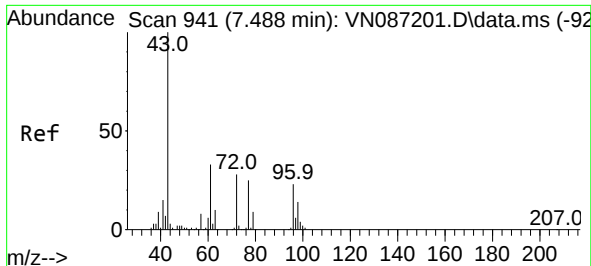


#24
 1,1-Dichloroethane
 Concen: 50.807 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087205.D
 Acq: 26 Jun 2025 19:20



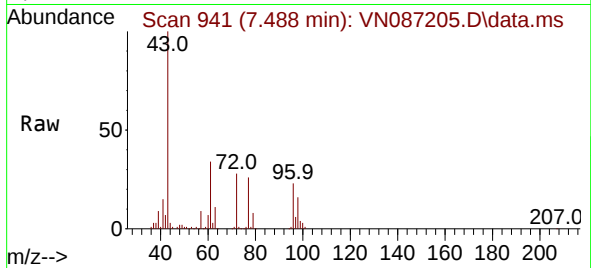
Tgt Ion: 63 Resp: 236523
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 272.102 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

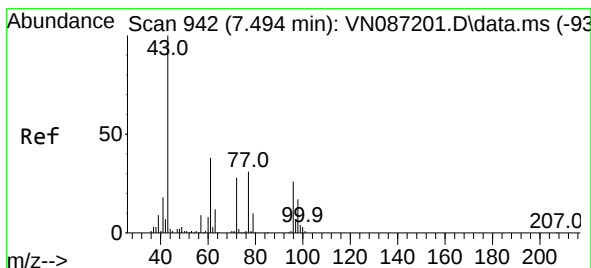
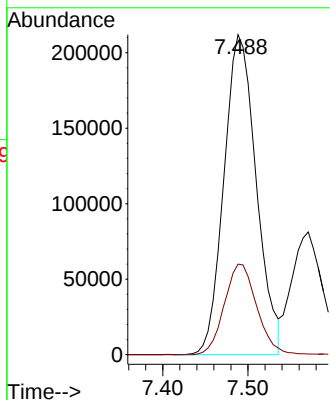
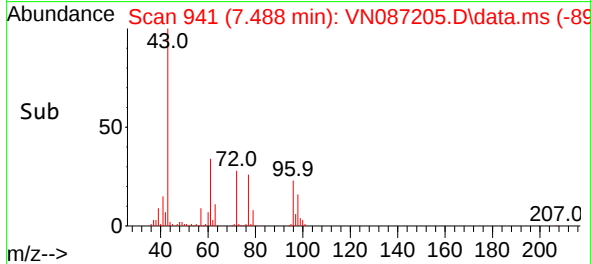
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



Tgt Ion: 43 Resp: 560168
Ion Ratio Lower Upper
43 100
72 28.3 22.2 33.2

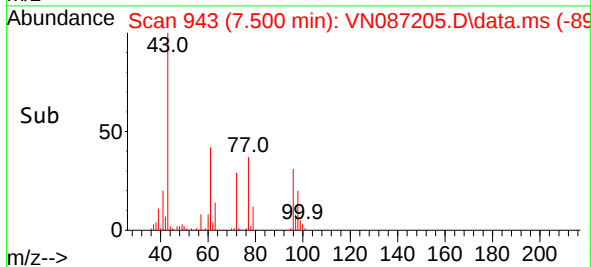
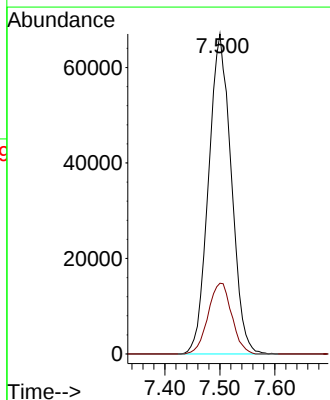
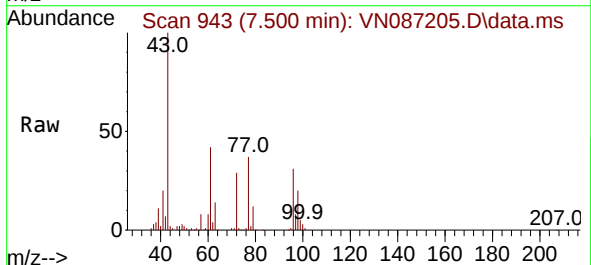
Manual Integrations
APPROVED

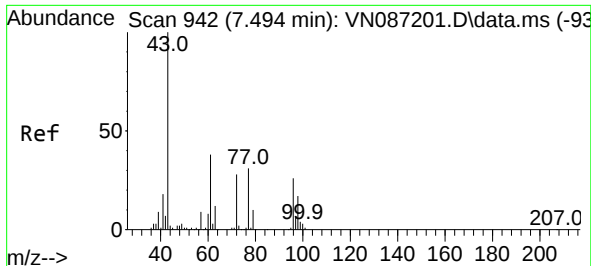
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#26
2,2-Dichloropropane
Concen: 51.944 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

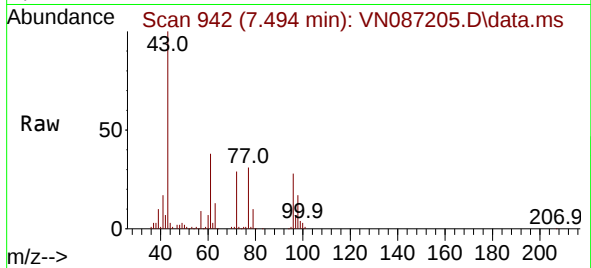
Tgt Ion: 77 Resp: 192222
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 53.239 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN087205.D
 Acq: 26 Jun 2025 19:20

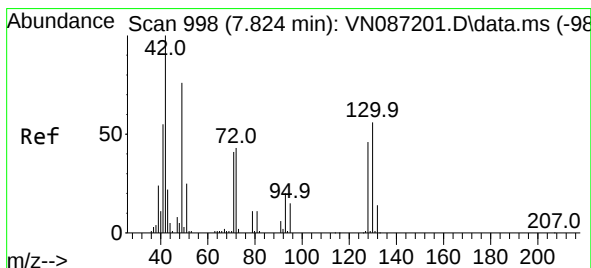
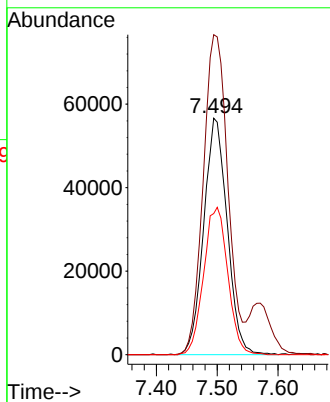
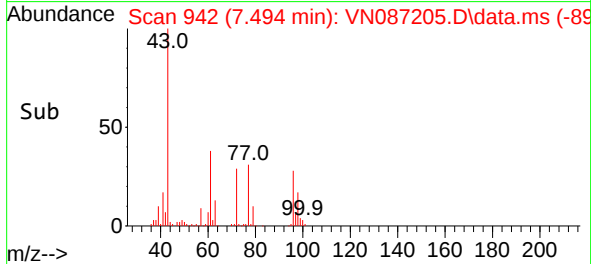
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062625



Tgt Ion: 96 Resp: 151958
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 290.4
 98 64.0 0.0 126.8

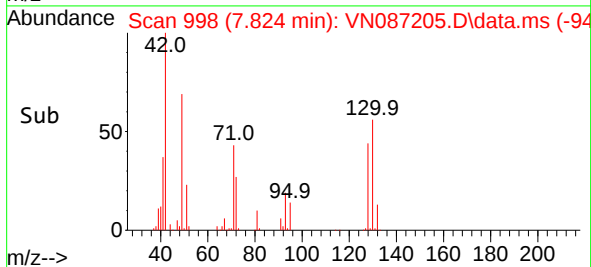
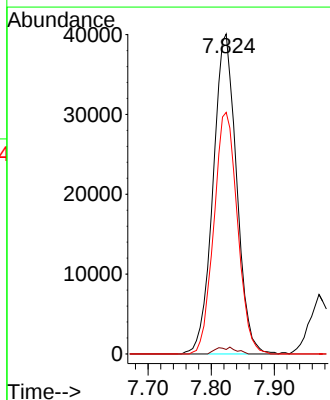
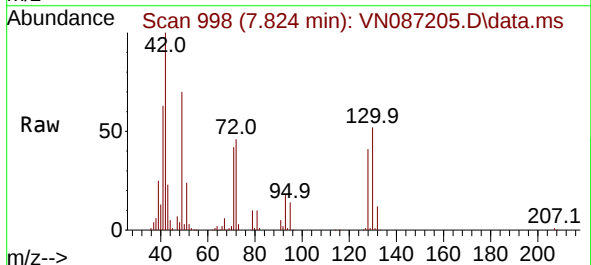
Manual Integrations
 APPROVED

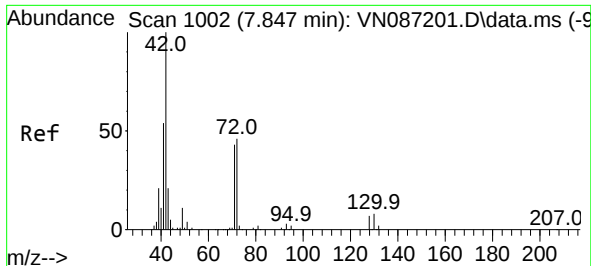
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#28
 Bromochloromethane
 Concen: 50.549 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087205.D
 Acq: 26 Jun 2025 19:20

Tgt Ion: 49 Resp: 103450
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.2
 130 75.8 60.0 90.0





#29

Tetrahydrofuran

Concen: 274.802 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087205.D

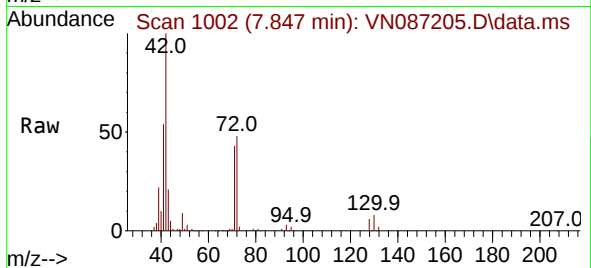
Acq: 26 Jun 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062625



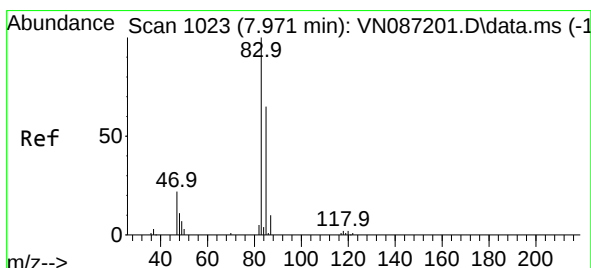
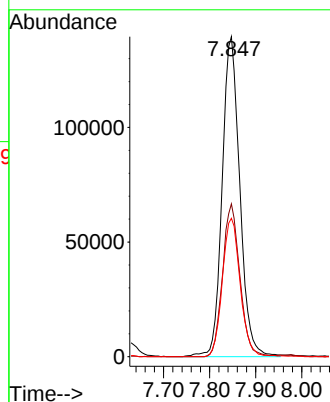
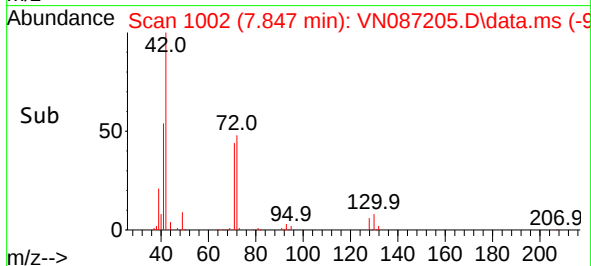
Tgt Ion:	42	Resp:	370914
Ion Ratio	100	Lower	Upper
42	100		
72	46.5	36.9	55.3
71	43.8	35.0	52.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#30

Chloroform

Concen: 52.075 ug/l

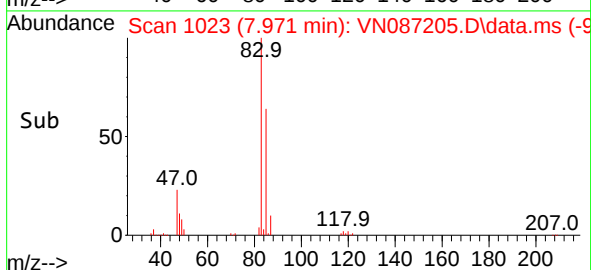
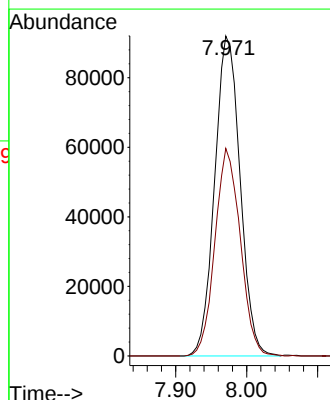
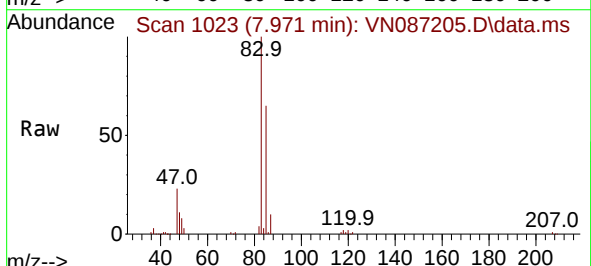
RT: 7.971 min Scan# 1023

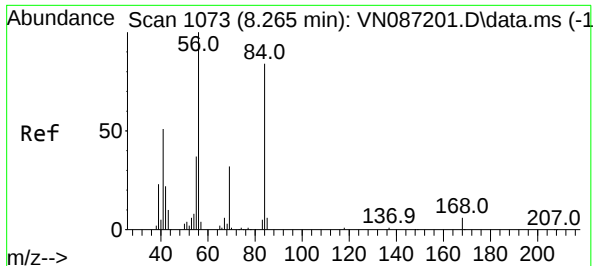
Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

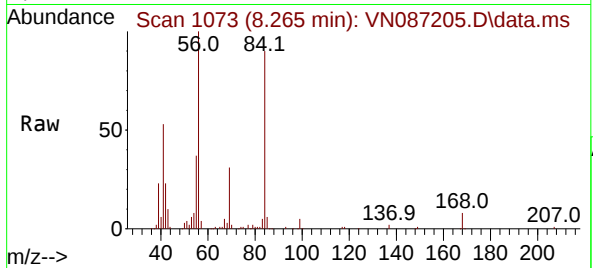
Tgt Ion:	83	Resp:	228672
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	52.0	78.0





#31
Cyclohexane
Concen: 49.855 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

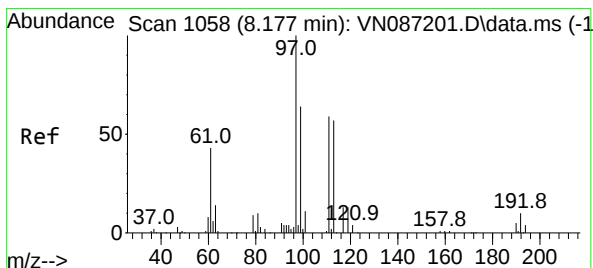
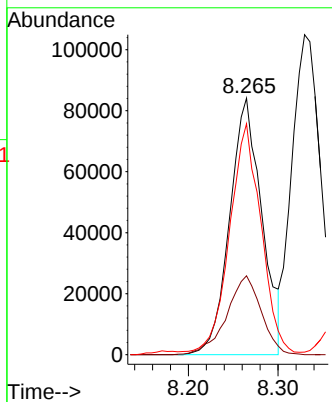
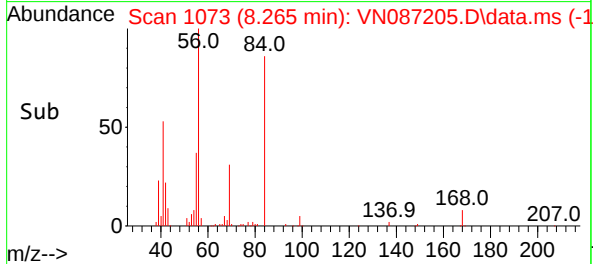
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



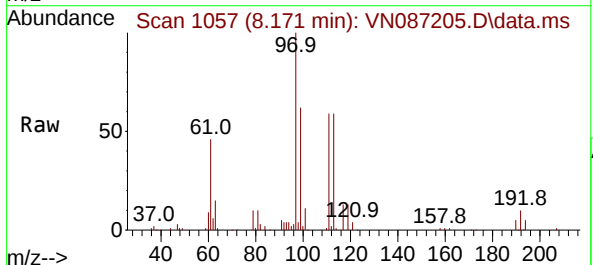
Tgt Ion: 56 Resp: 20958
Ion Ratio Lower Upper
56 100
69 30.5 25.3 37.9
84 88.8 67.4 101.0

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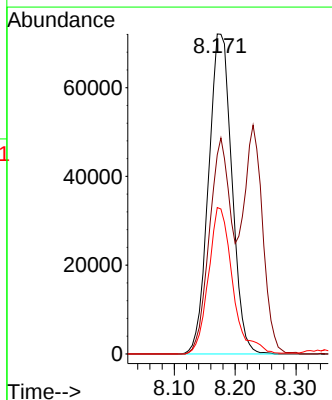
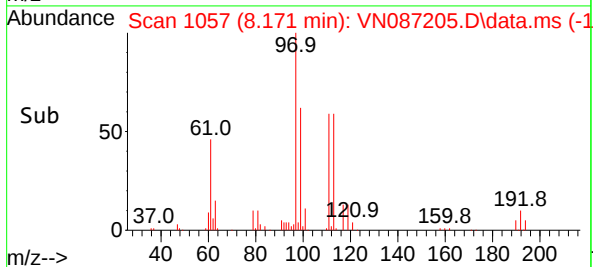
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

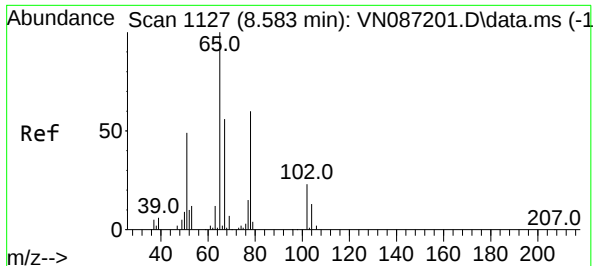


#32
1,1,1-Trichloroethane
Concen: 50.872 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



Tgt Ion: 97 Resp: 191921
Ion Ratio Lower Upper
97 100
99 62.5 49.9 74.9
61 47.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.324 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062625

Tgt Ion: 65 Resp: 13393

Ion Ratio Lower Upper

65 100

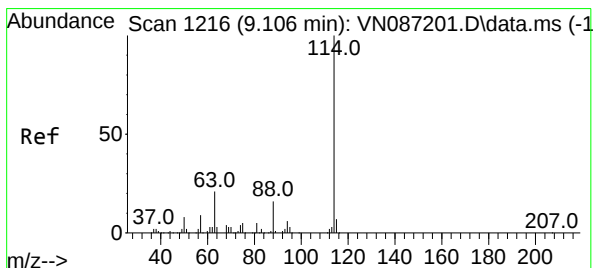
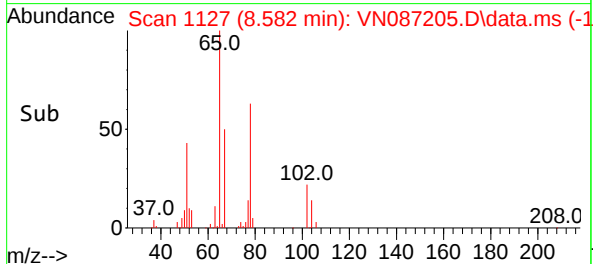
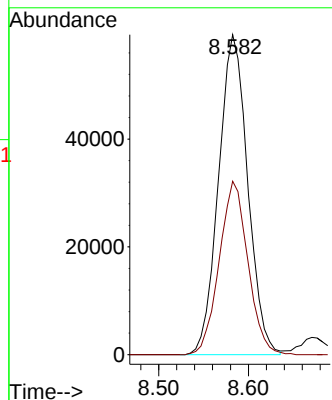
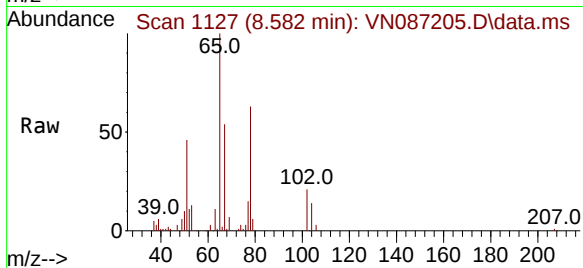
67 53.4 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

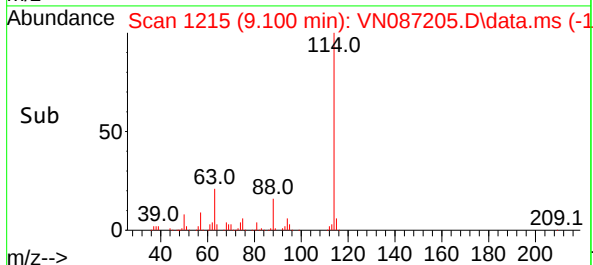
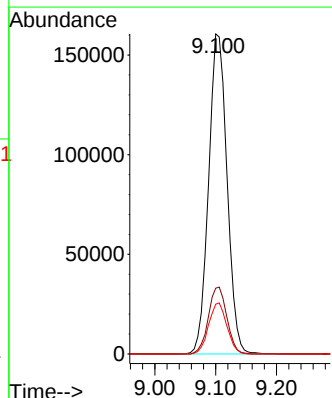
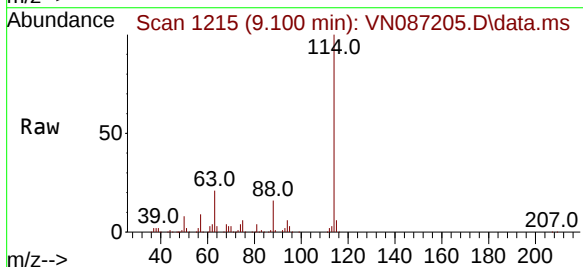
Tgt Ion:114 Resp: 337591

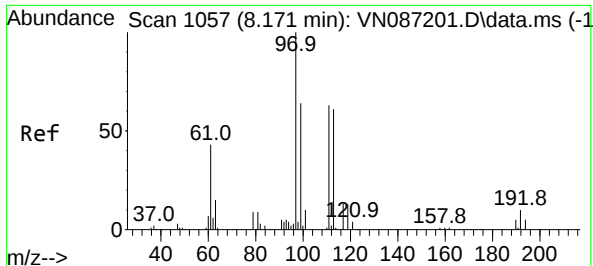
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.471 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062625

Tgt Ion: 113 Resp: 105790

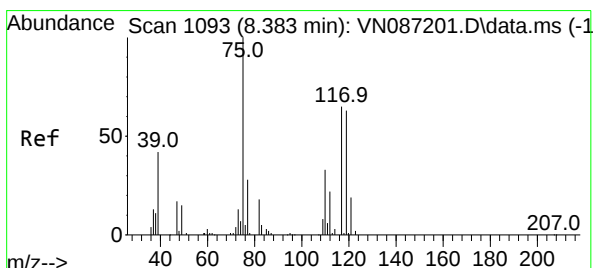
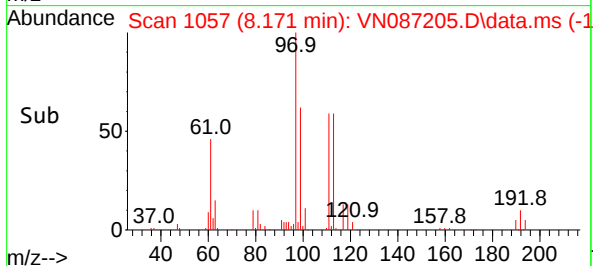
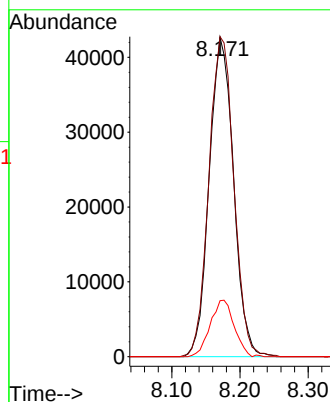
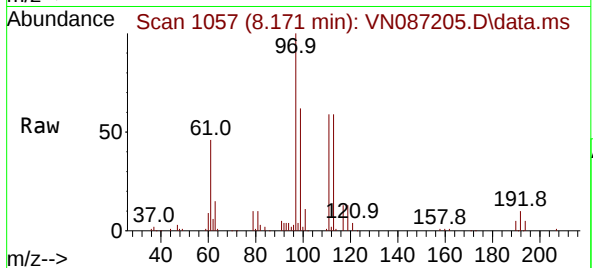
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	17.5	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#36

1,1-Dichloropropene

Concen: 51.353 ug/l

RT: 8.377 min Scan# 1092

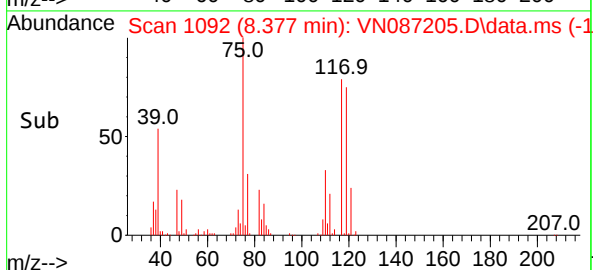
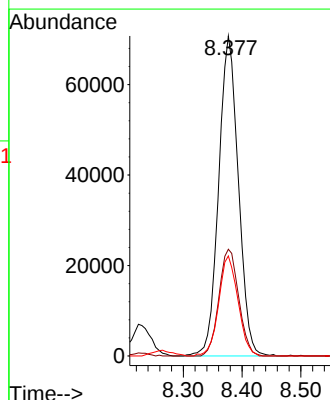
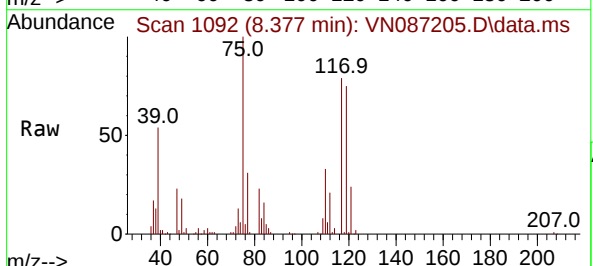
Delta R.T. -0.006 min

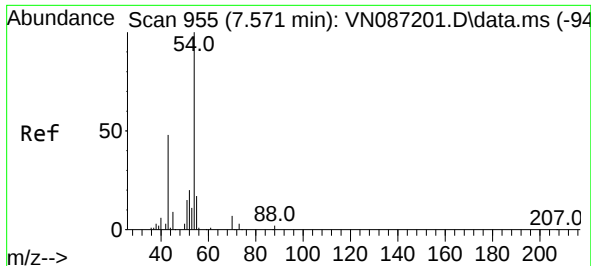
Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

Tgt Ion: 75 Resp: 164168

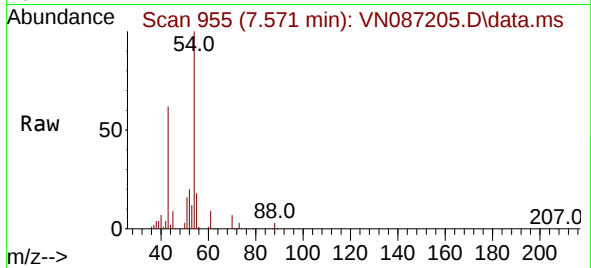
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.6
77	30.6	24.7	37.1





#37
Ethyl Acetate
Concen: 52.338 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

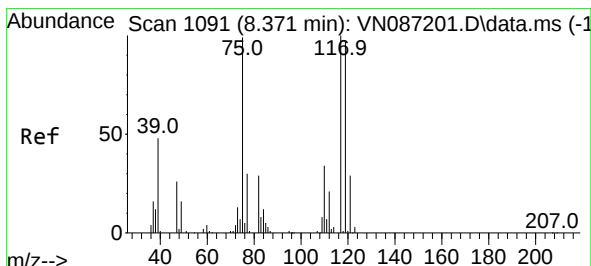
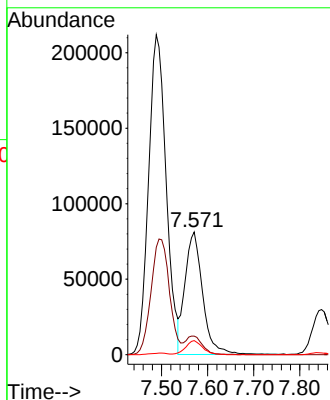
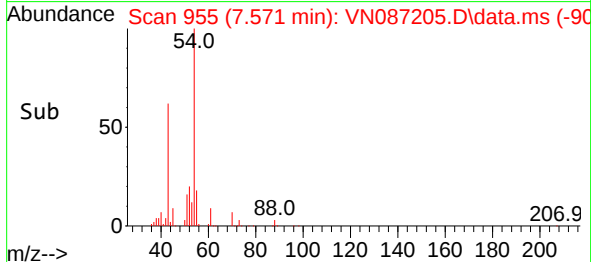
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



Tgt Ion: 43 Resp: 215074
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 11.0 8.9 13.3

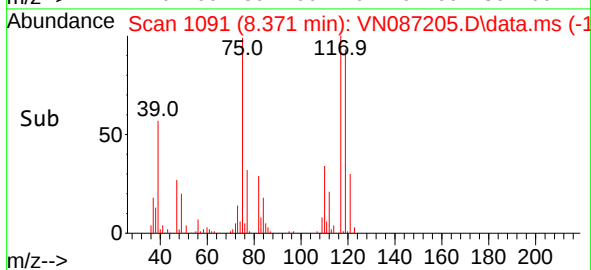
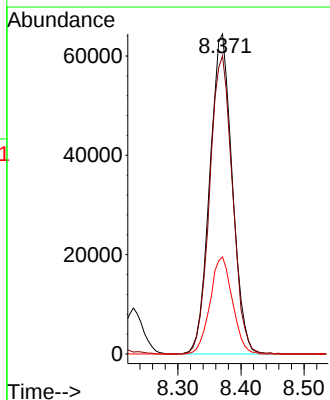
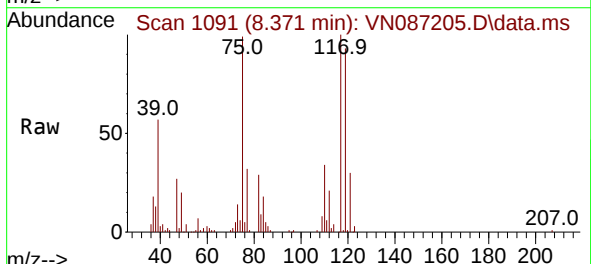
Manual Integrations
APPROVED

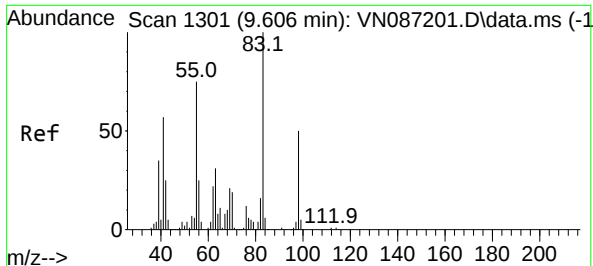
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#38
Carbon Tetrachloride
Concen: 51.044 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Tgt Ion:117 Resp: 158927
Ion Ratio Lower Upper
117 100
119 93.2 77.4 116.0
121 30.3 23.2 34.8





#39

Methylcyclohexane

Concen: 50.349 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062625

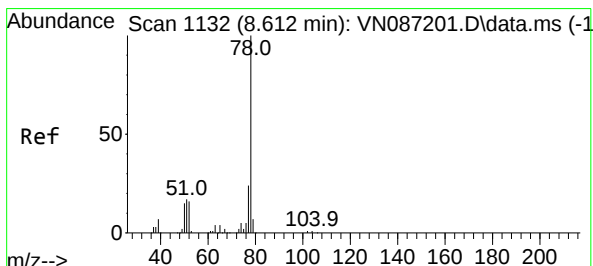
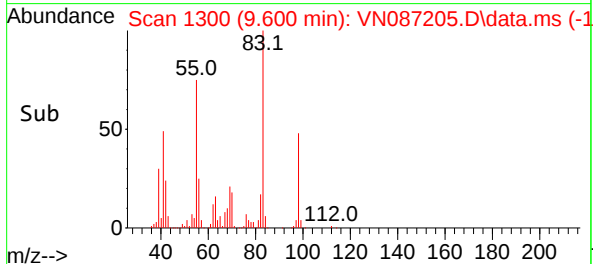
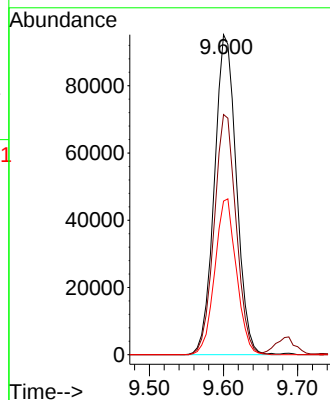
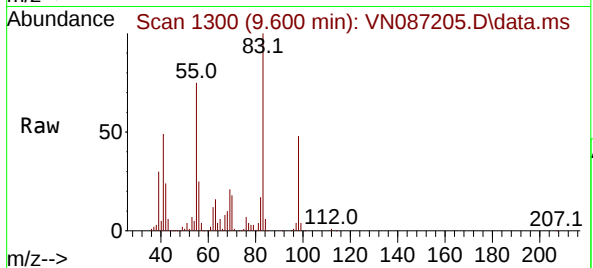
Tgt Ion:	83	Resp:	19638
Ion Ratio	Lower	Upper	
83	100		
55	75.0	59.8	89.8
98	48.0	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#40

Benzene

Concen: 50.625 ug/l

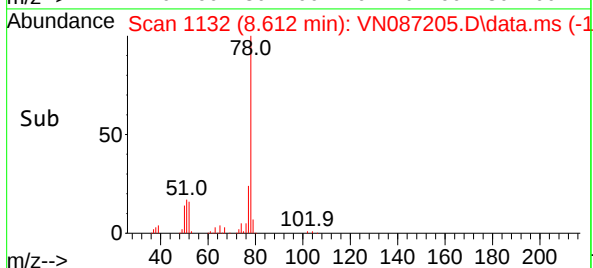
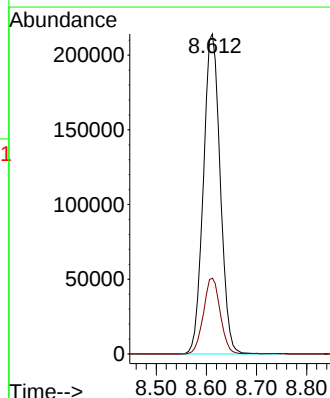
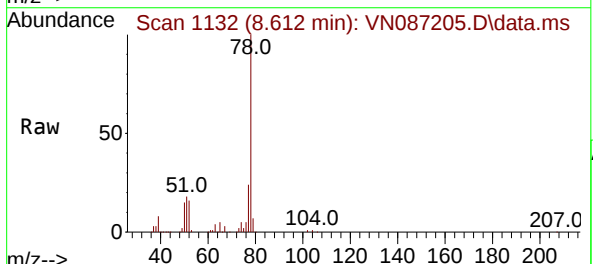
RT: 8.612 min Scan# 1132

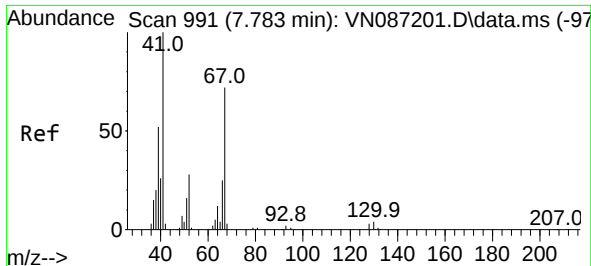
Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

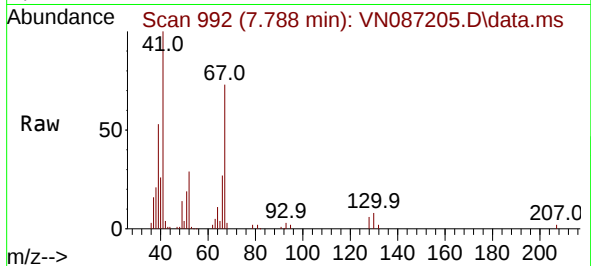
Tgt Ion:	78	Resp:	500062
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.0	28.6





#41
Methacrylonitrile
Concen: 54.981 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

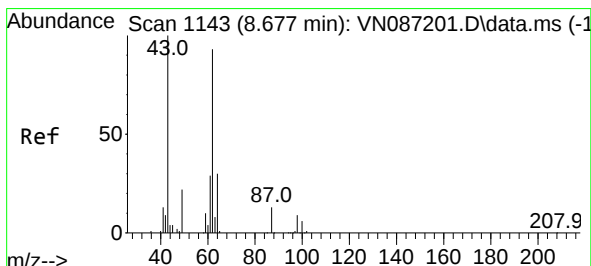
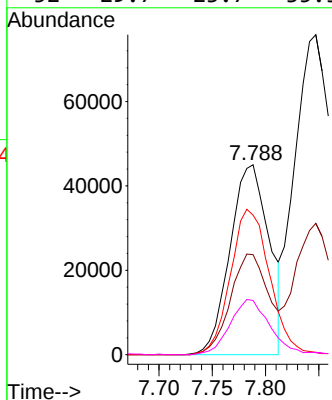
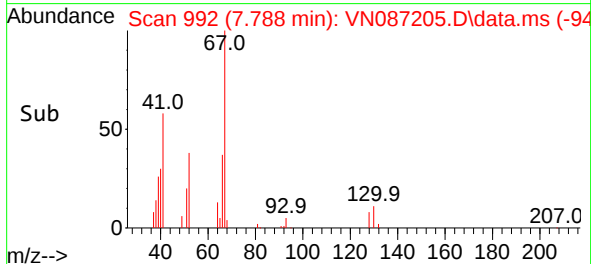
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



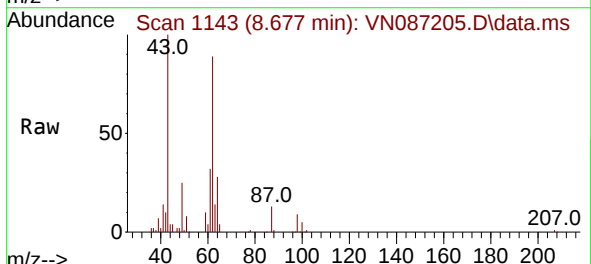
Tgt Ion: 41 Resp: 115036
Ion Ratio Lower Upper
41 100
39 51.7 41.3 61.9
67 76.7 60.2 90.2
52 29.7 23.7 35.5

Manual Integrations
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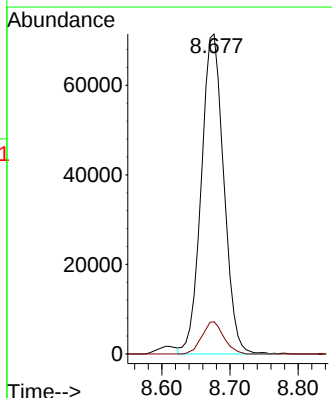
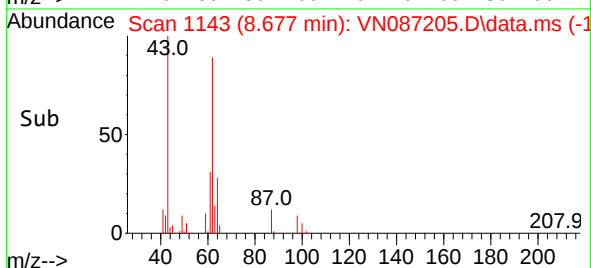
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

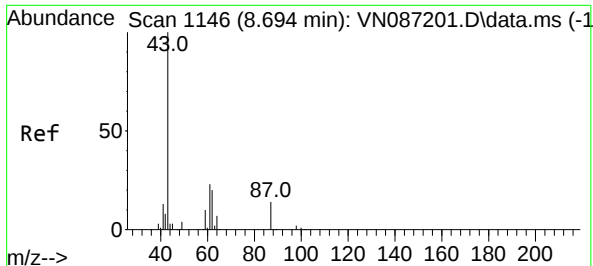


#42
1,2-Dichloroethane
Concen: 51.110 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



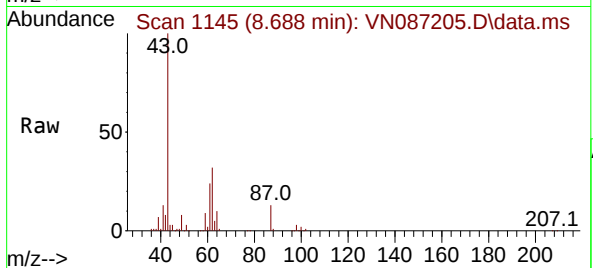
Tgt Ion: 62 Resp: 164124
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.4





#43
Isopropyl Acetate
Concen: 54.046 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

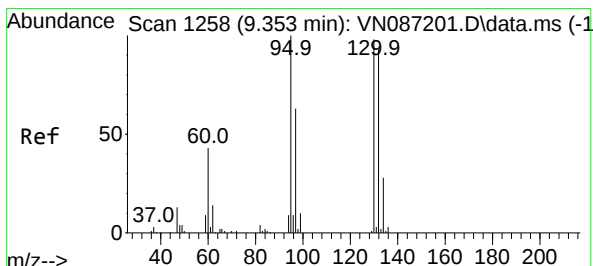
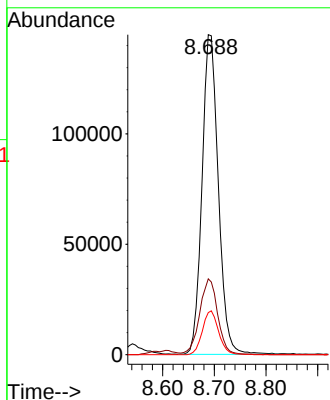
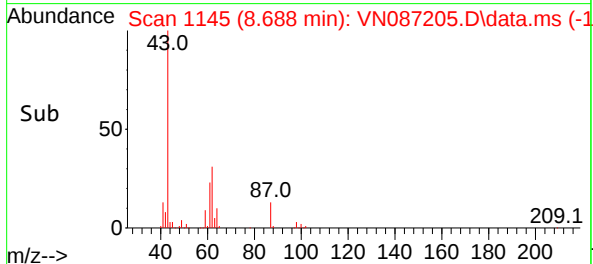
Instrument : MSVOA_N
ClientSampleId : ICVVN062625



Tgt Ion: 43 Resp: 31764
Ion Ratio Lower Upper
43 100
61 26.3 21.0 31.6
87 13.7 11.0 16.6

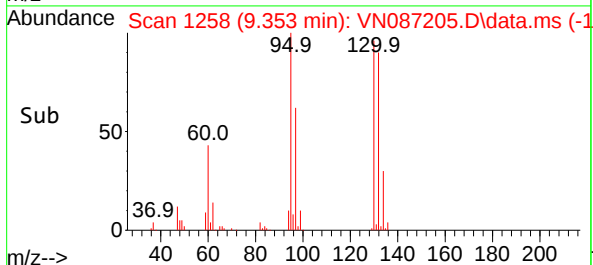
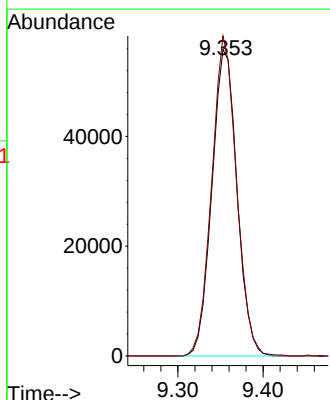
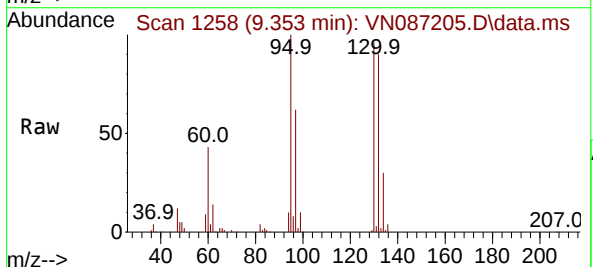
Manual Integrations
APPROVED

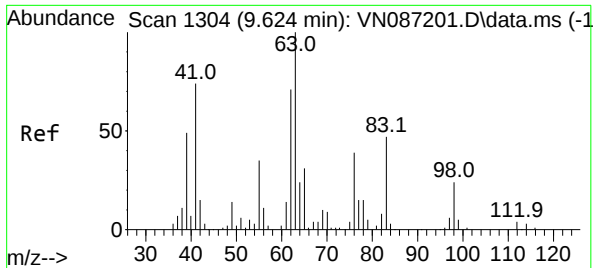
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#44
Trichloroethene
Concen: 48.314 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Tgt Ion:130 Resp: 114263
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 48.246 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062625

Tgt Ion: 63 Resp: 122838

Ion Ratio Lower Upper

63 100

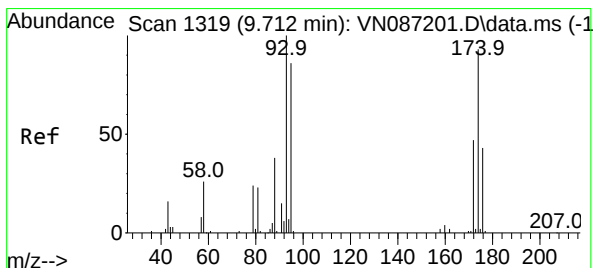
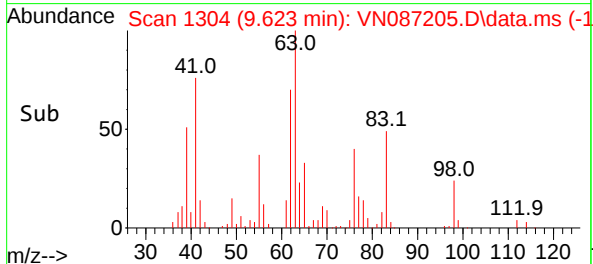
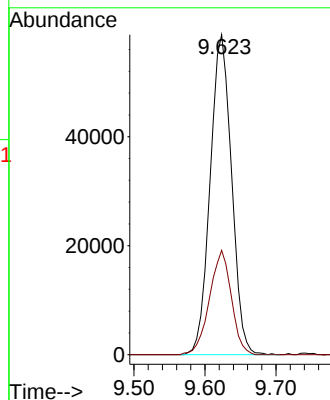
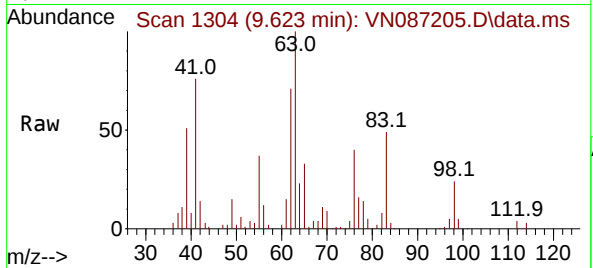
65 32.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#46

Dibromomethane

Concen: 49.294 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

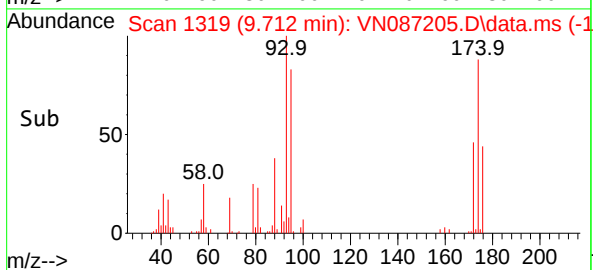
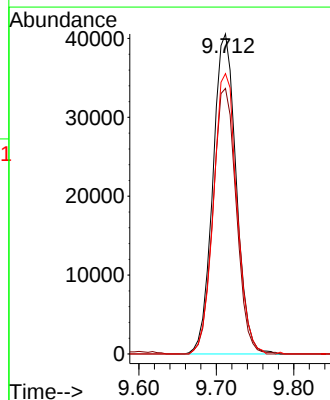
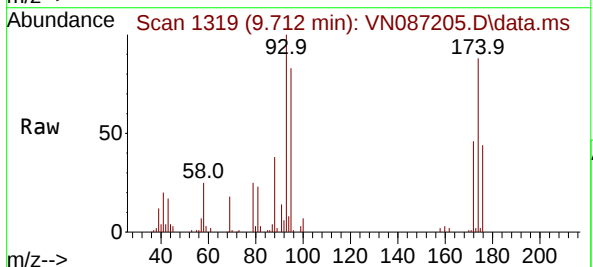
Tgt Ion: 93 Resp: 85054

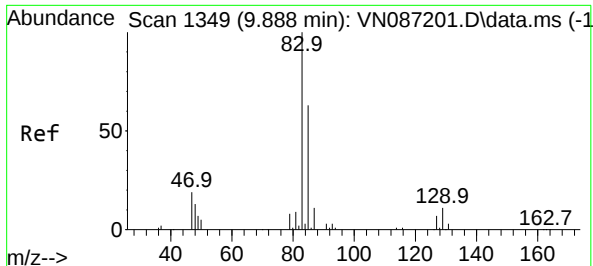
Ion Ratio Lower Upper

93 100

95 82.8 67.4 101.2

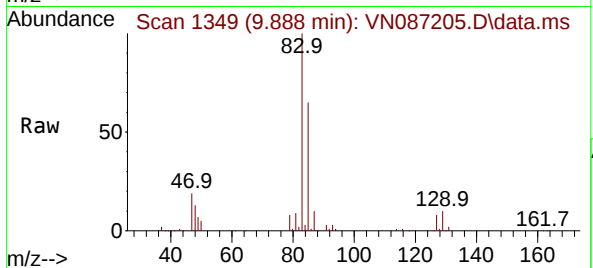
174 87.7 72.3 108.5





#47
Bromodichloromethane
Concen: 48.383 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

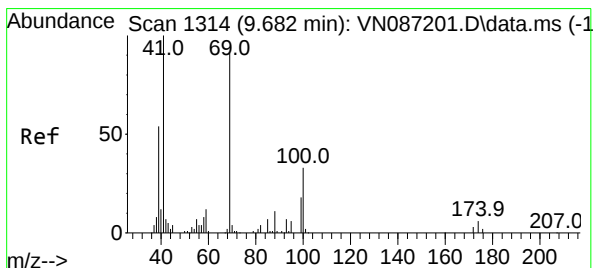
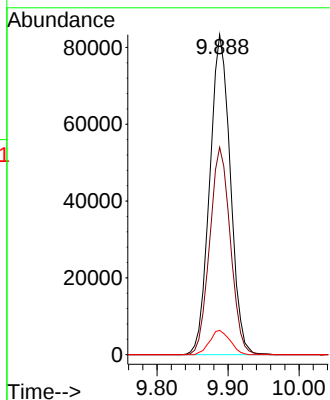
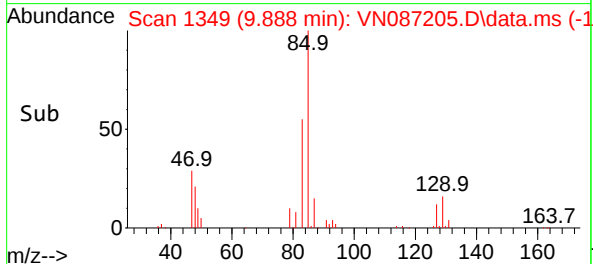
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



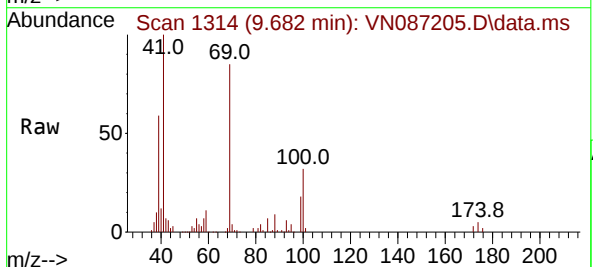
Tgt Ion: 83 Resp: 16766
Ion Ratio Lower Upper
83 100
85 64.8 50.0 75.0
127 7.6 6.0 9.0

Manual Integrations
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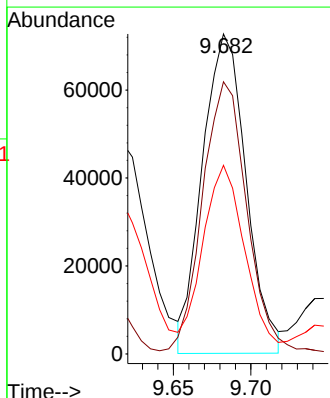
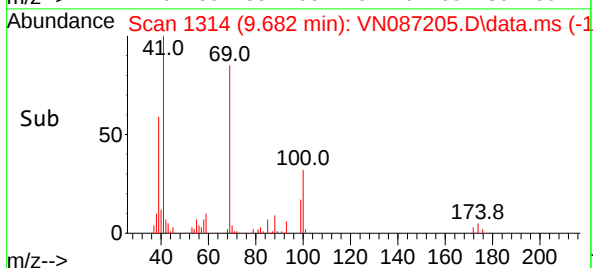
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

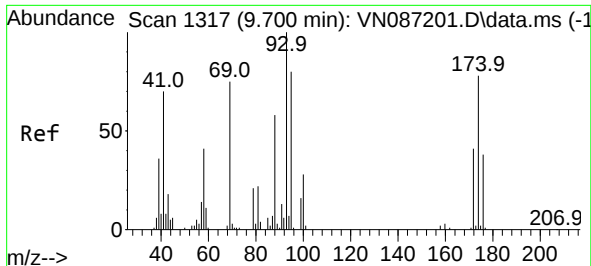


#48
Methyl methacrylate
Concen: 50.020 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



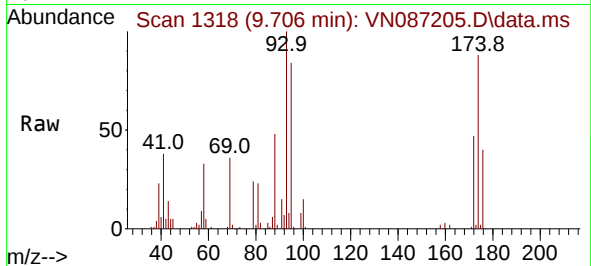
Tgt Ion: 41 Resp: 142133
Ion Ratio Lower Upper
41 100
69 87.7 69.9 104.9
39 57.5 43.8 65.6





#49
1,4-Dioxane
Concen: 974.624 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

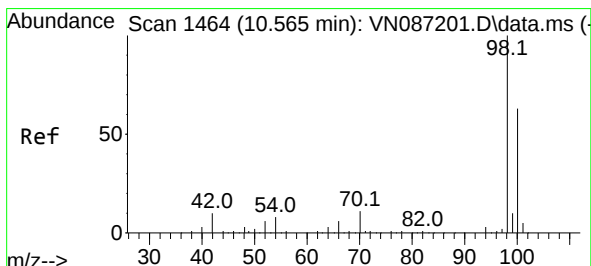
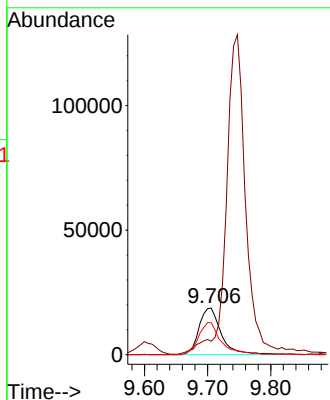
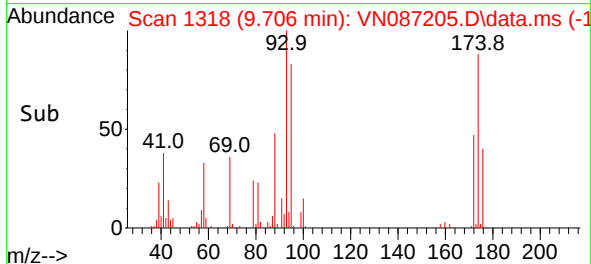
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



Tgt Ion: 88 Resp: 45809
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.6 59.2 88.8

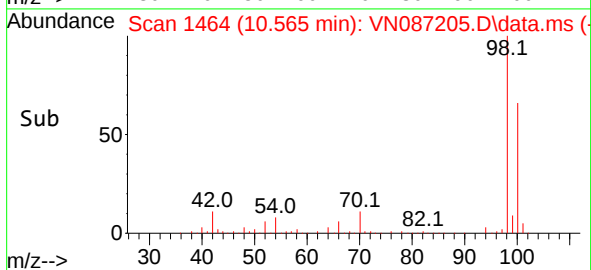
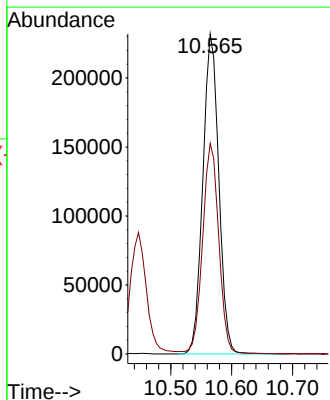
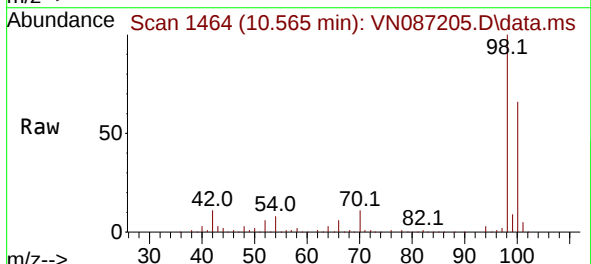
Manual Integrations
APPROVED

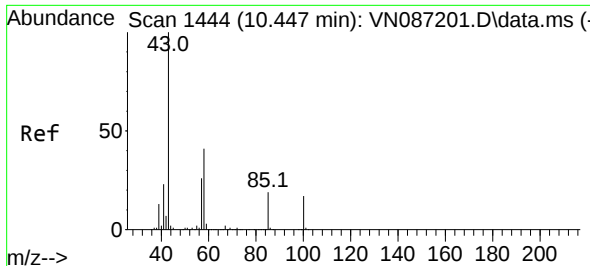
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#50
Toluene-d8
Concen: 46.893 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

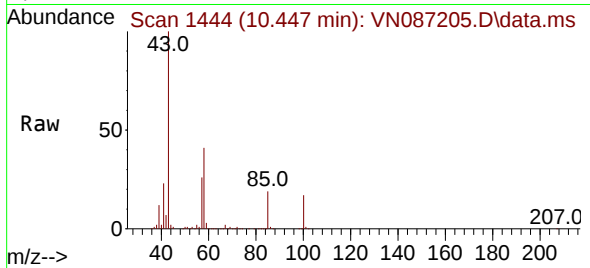
Tgt Ion: 98 Resp: 423297
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 247.174 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

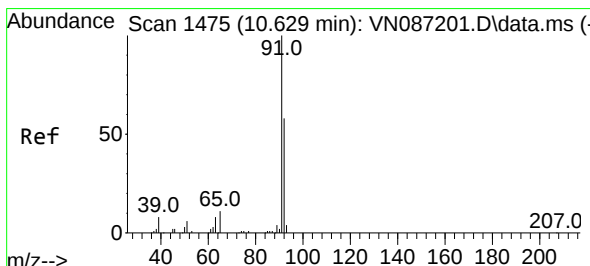
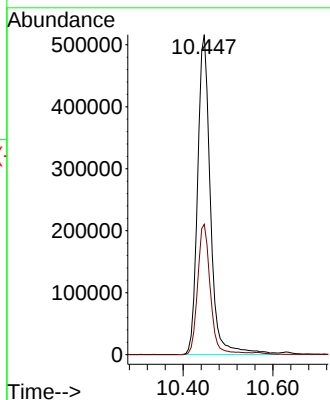
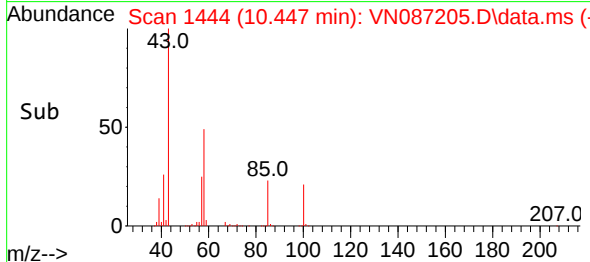
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



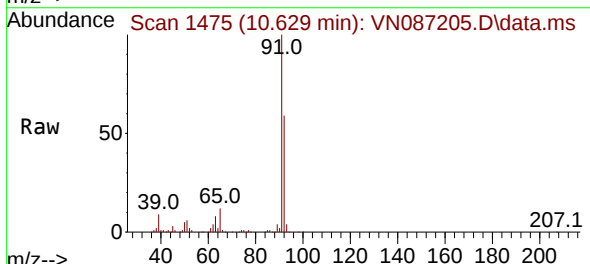
Tgt Ion: 43 Resp: 1024974
Ion Ratio Lower Upper
43 100
58 40.4 32.6 48.8

Manual Integrations
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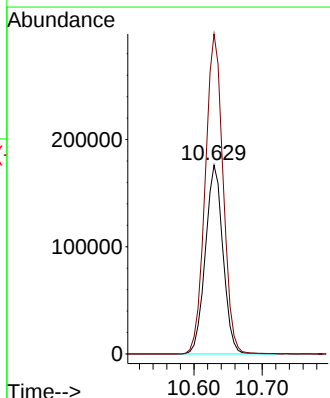
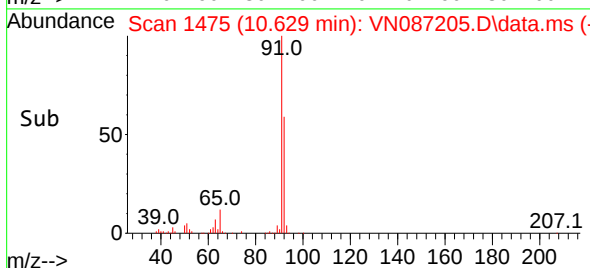
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

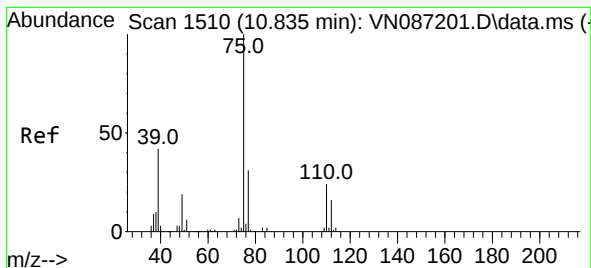


#52
Toluene
Concen: 50.044 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



Tgt Ion: 92 Resp: 316019
Ion Ratio Lower Upper
92 100
91 172.0 138.2 207.2





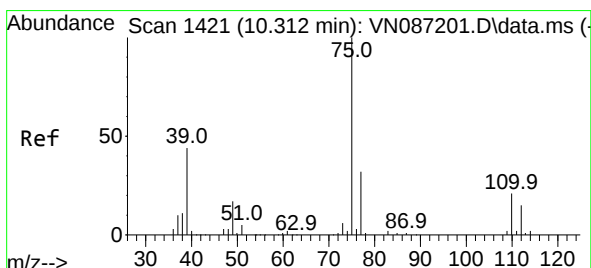
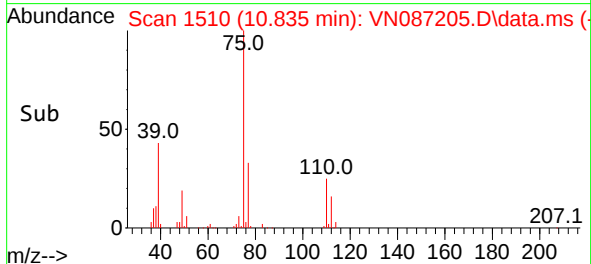
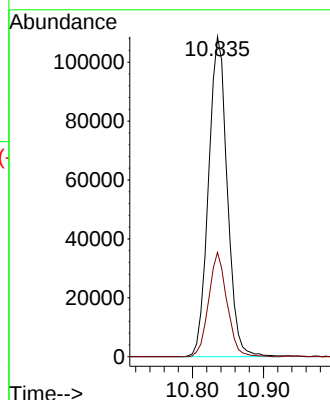
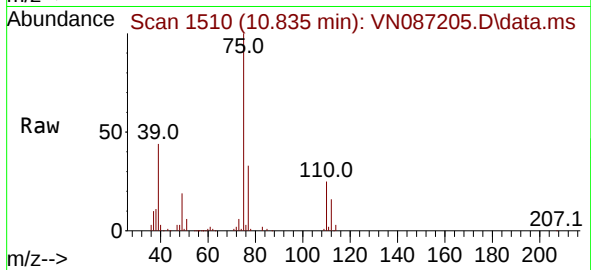
#53
t-1,3-Dichloropropene
Concen: 51.638 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Tgt Ion: 75 Resp: 19952
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0

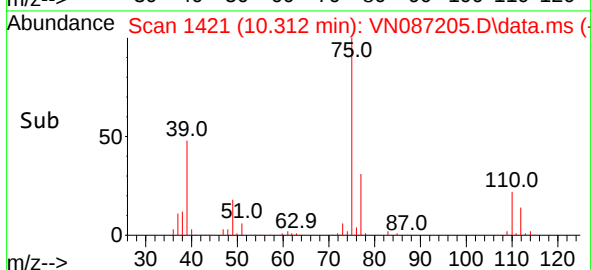
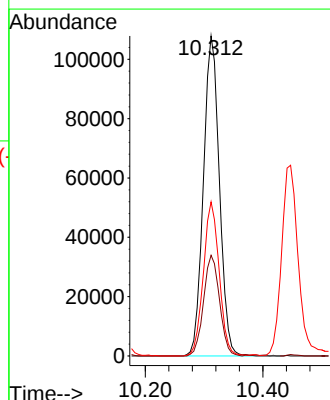
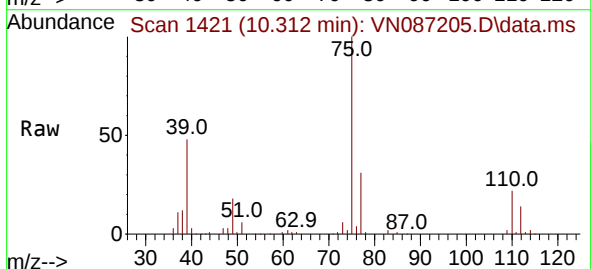
Manual Integrations
APPROVED

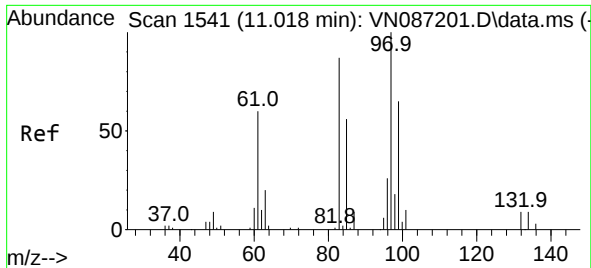
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#54
cis-1,3-Dichloropropene
Concen: 49.525 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

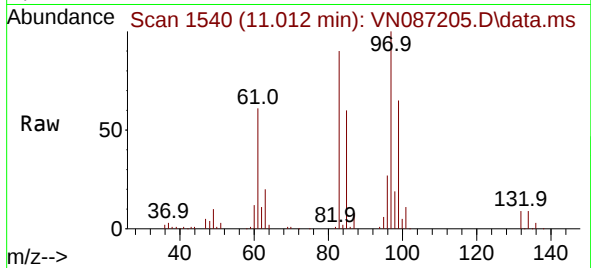
Tgt Ion: 75 Resp: 203608
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
39 48.2 34.9 52.3





#55
1,1,2-Trichloroethane
Concen: 51.246 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

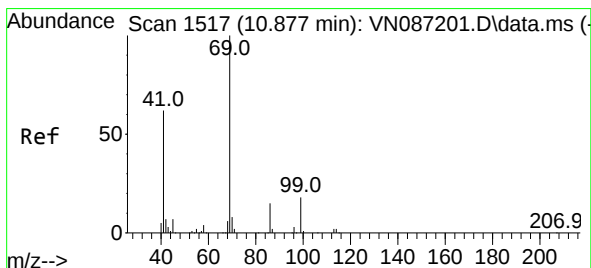
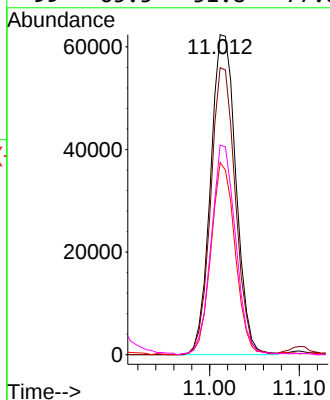
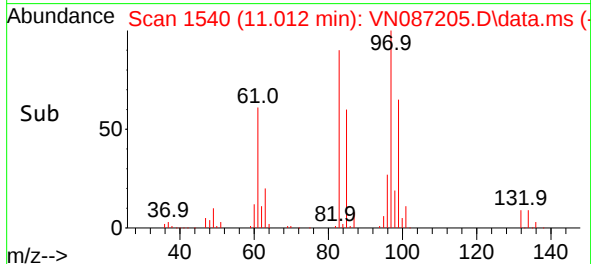
Instrument : MSVOA_N
ClientSampleId : ICVVN062625



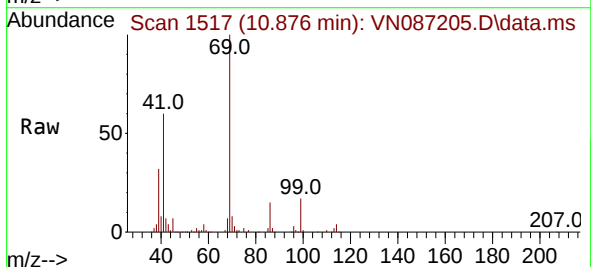
Tgt Ion: 97 Resp: 122388
Ion Ratio Lower Upper
97 100
83 89.6 69.5 104.3
85 60.0 44.7 67.1
99 65.5 51.8 77.8

Manual Integrations
APPROVED

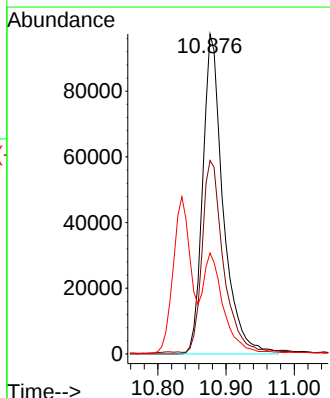
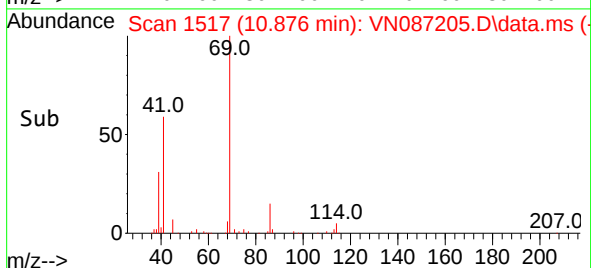
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

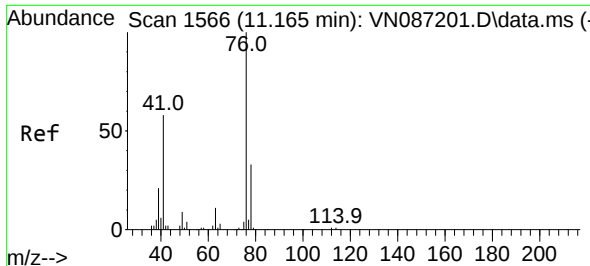


#56
Ethyl methacrylate
Concen: 50.398 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



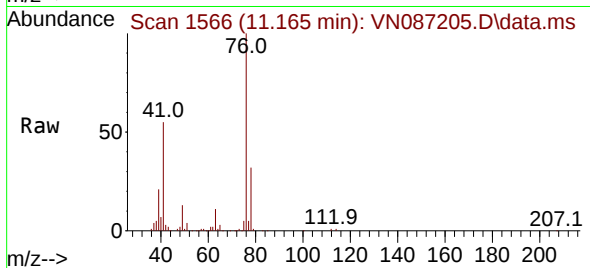
Tgt Ion: 69 Resp: 203024
Ion Ratio Lower Upper
69 100
41 63.3 48.4 72.6
39 30.7 24.1 36.1





#57
1,3-Dichloropropane
Concen: 51.429 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

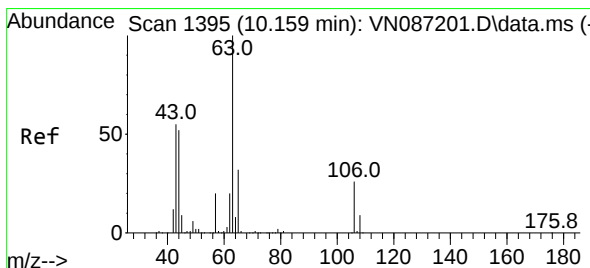
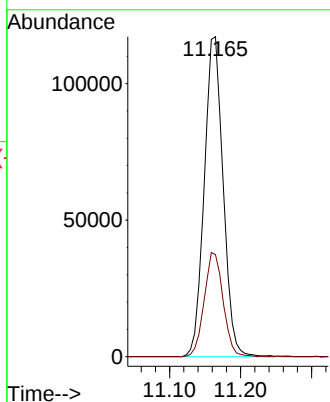
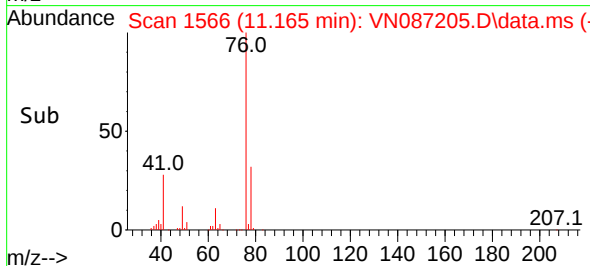
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



Tgt Ion: 76 Resp: 217000
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

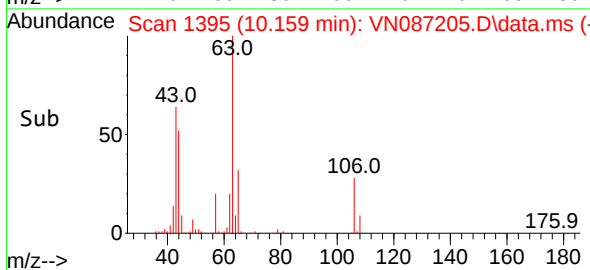
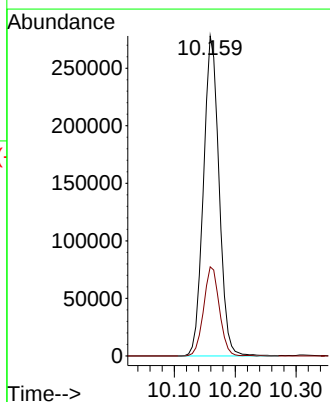
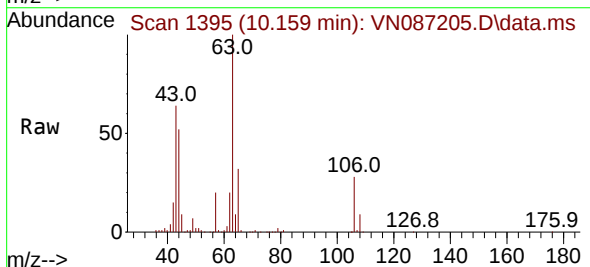
Manual Integrations
APPROVED

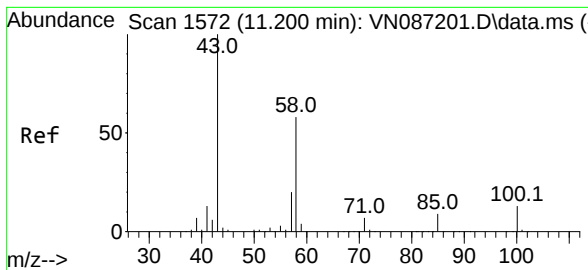
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 227.812 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

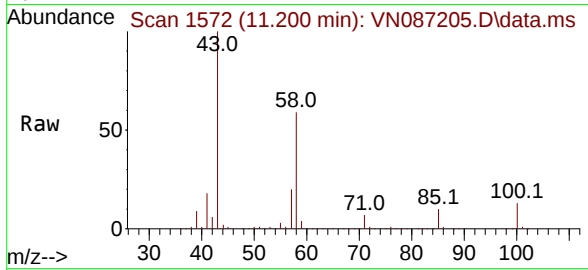
Tgt Ion: 63 Resp: 495728
Ion Ratio Lower Upper
63 100
106 27.9 21.7 32.5





#59
2-Hexanone
Concen: 264.374 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

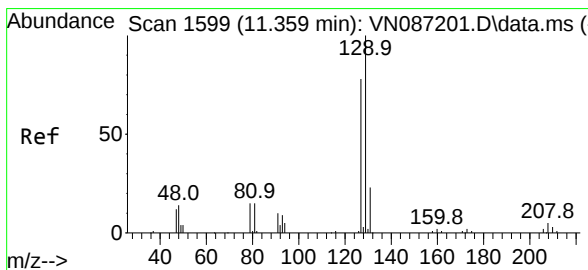
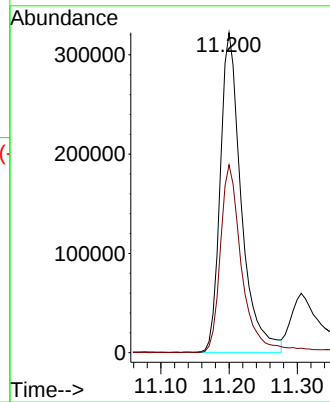
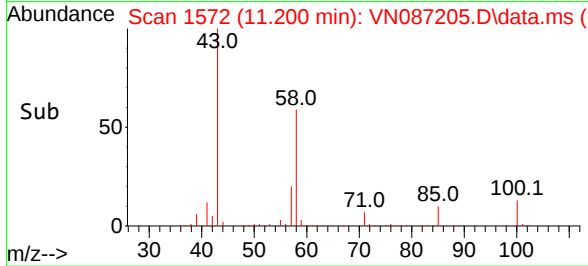
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



Tgt Ion: 43 Resp: 69125
Ion Ratio Lower Upper
43 100
58 61.3 31.1 93.3

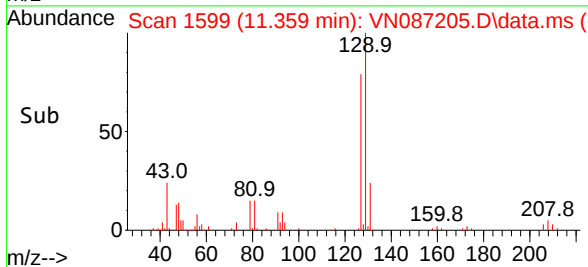
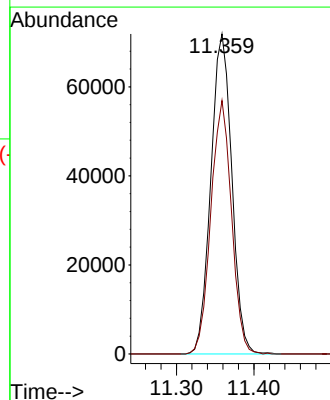
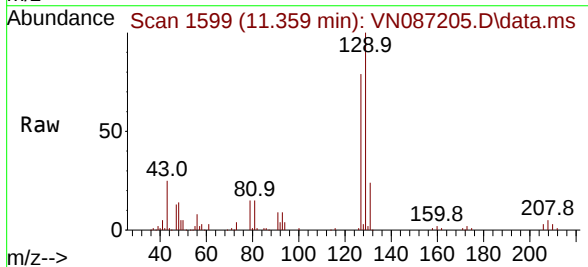
Manual Integrations
APPROVED

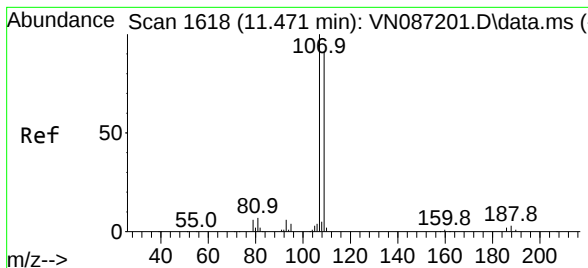
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#60
Dibromochloromethane
Concen: 52.016 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

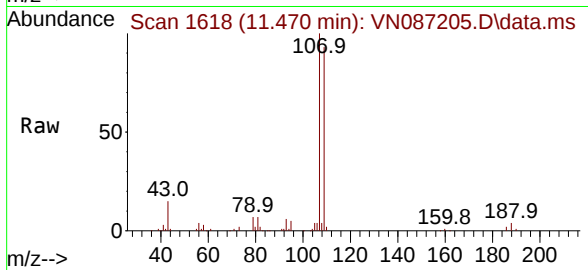
Tgt Ion:129 Resp: 135103
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





#61
1,2-Dibromoethane
Concen: 51.347 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

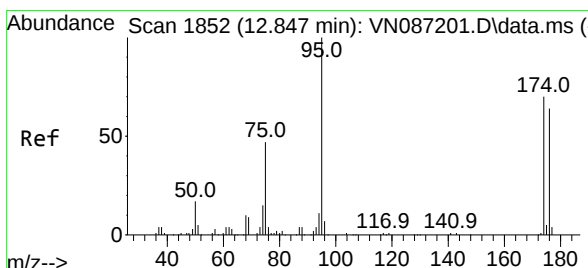
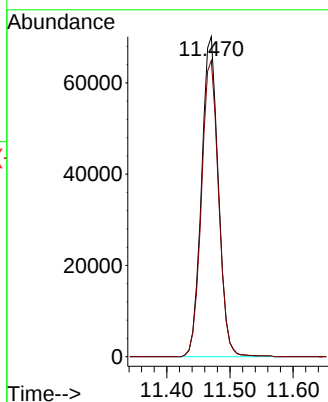
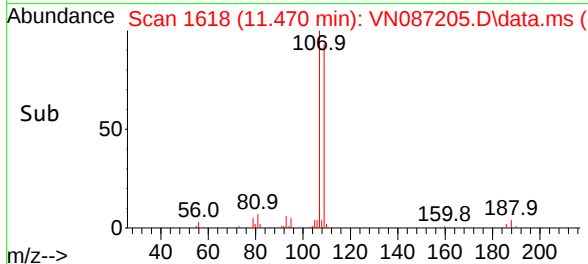
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



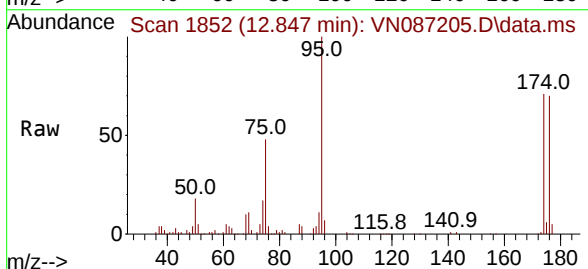
Tgt Ion:107 Resp: 12962
Ion Ratio Lower Upper
107 100
109 94.3 74.4 111.6

Manual Integrations
APPROVED

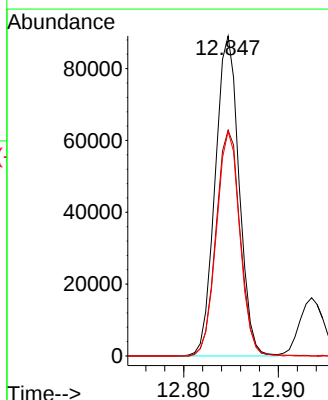
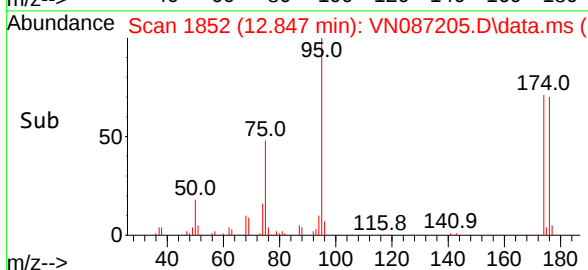
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

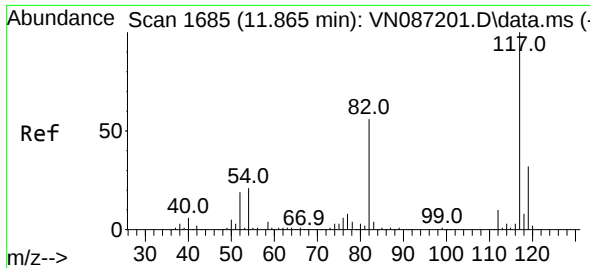


#62
4-Bromofluorobenzene
Concen: 49.925 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



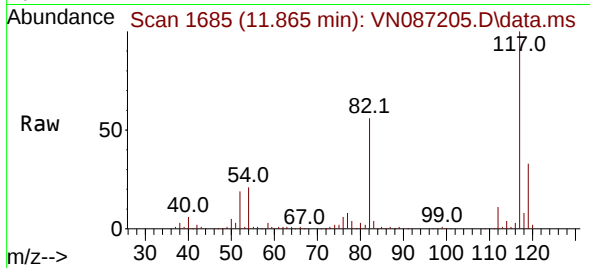
Tgt Ion: 95 Resp: 156377
Ion Ratio Lower Upper
95 100
174 71.3 0.0 142.2
176 68.8 0.0 134.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

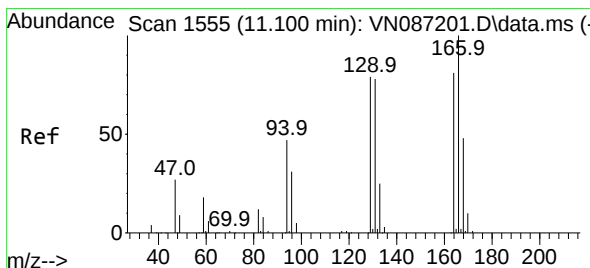
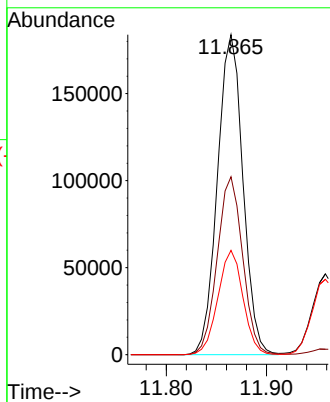
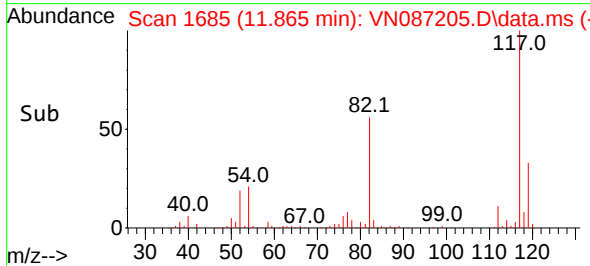
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



Tgt Ion:117 Resp: 32517
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.6 25.9 38.9

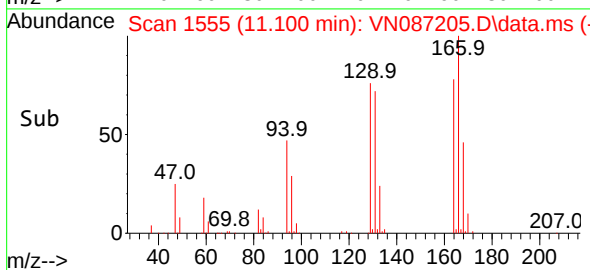
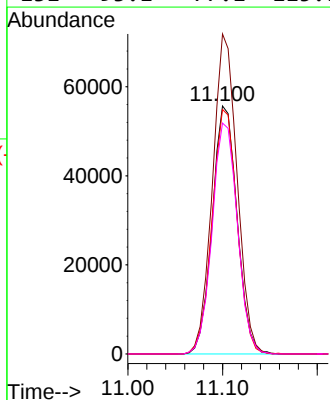
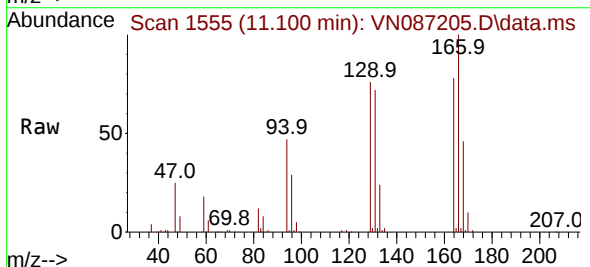
Manual Integrations
APPROVED

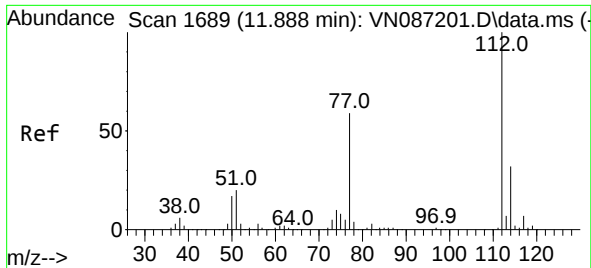
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#64
Tetrachloroethene
Concen: 50.914 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

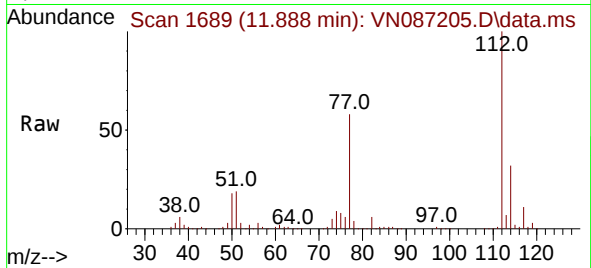
Tgt Ion:164 Resp: 101330
Ion Ratio Lower Upper
164 100
166 129.0 98.8 148.2
129 98.6 78.3 117.5
131 93.1 77.1 115.7





#65
Chlorobenzene
Concen: 49.924 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

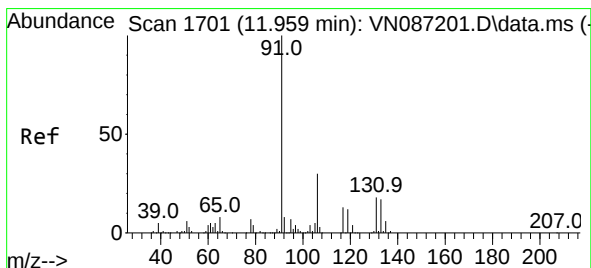
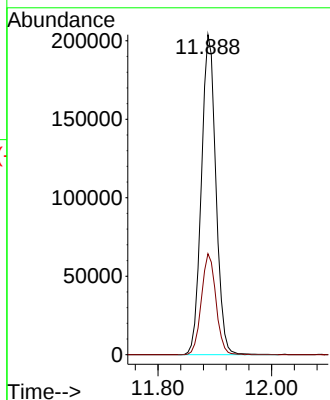
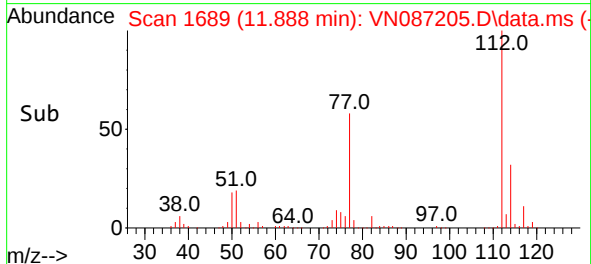
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



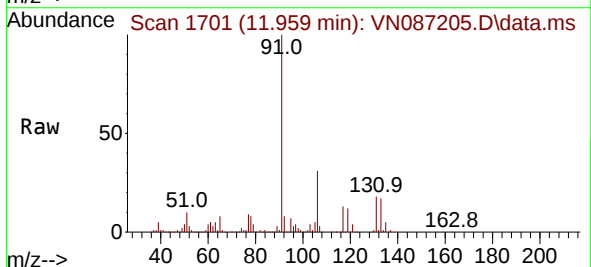
Tgt Ion:112 Resp: 360080
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
APPROVED

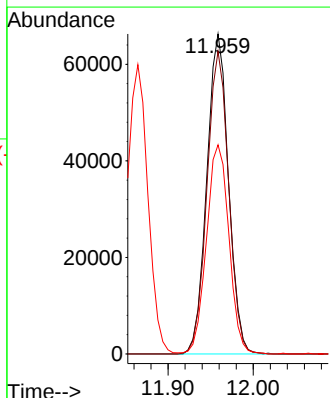
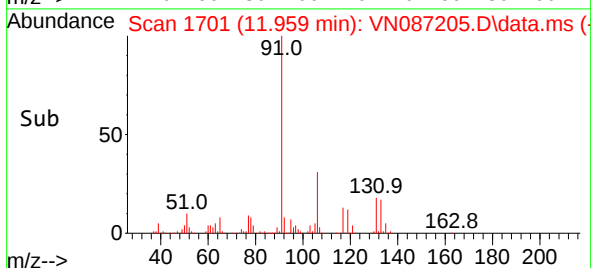
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

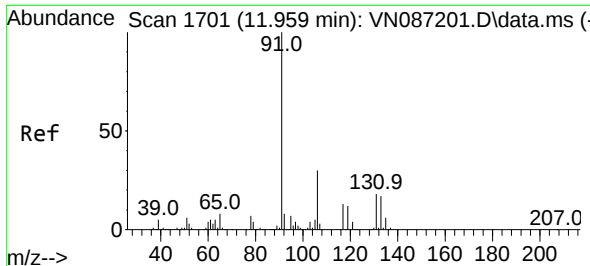


#66
1,1,1,2-Tetrachloroethane
Concen: 50.847 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



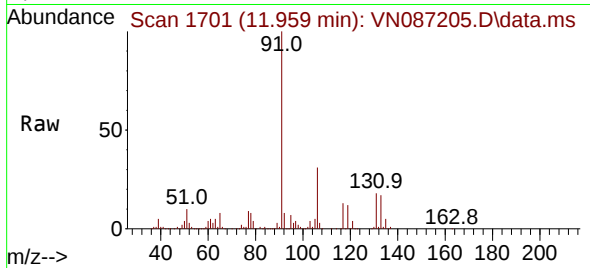
Tgt Ion:131 Resp: 117142
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 67.8 34.6 103.9





#67
Ethyl Benzene
Concen: 52.008 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

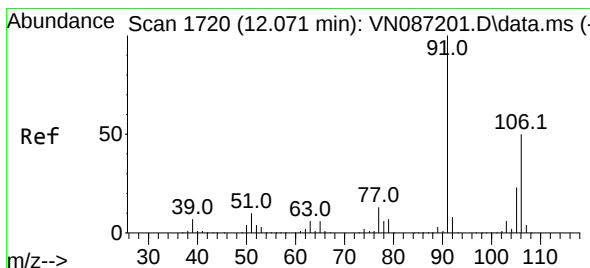
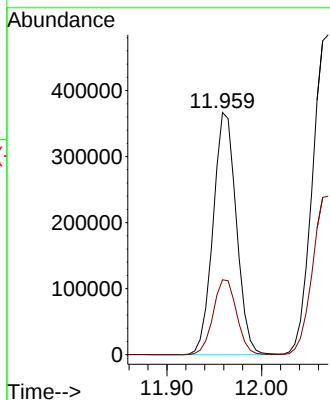
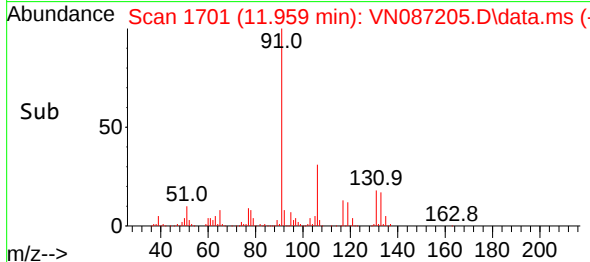
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



Tgt Ion: 91 Resp: 625604
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.2

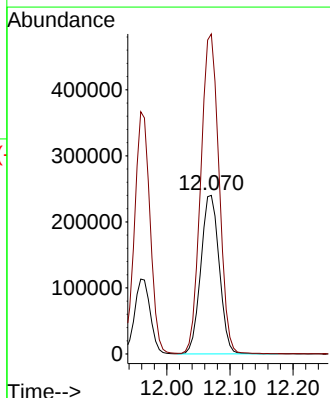
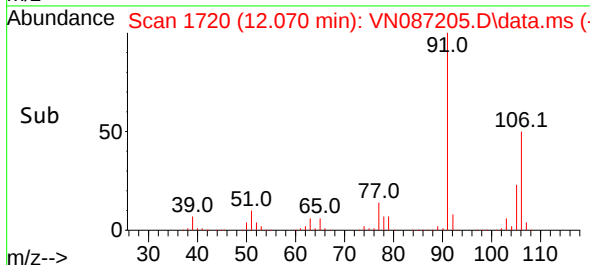
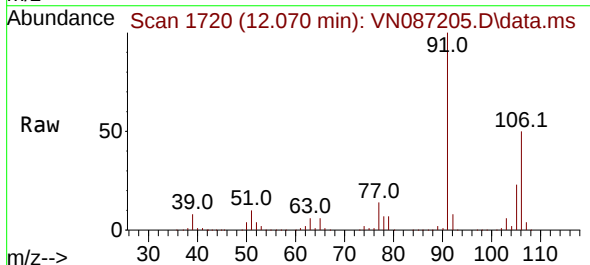
Manual Integrations
APPROVED

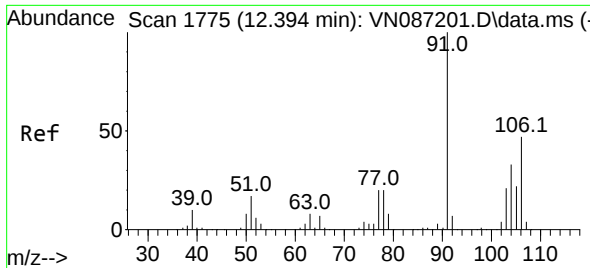
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#68
m/p-Xylenes
Concen: 105.673 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Tgt Ion:106 Resp: 486378
Ion Ratio Lower Upper
106 100
91 200.1 161.0 241.6





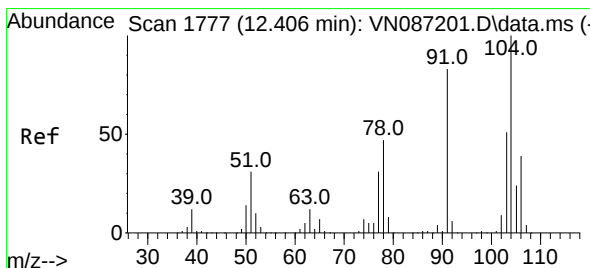
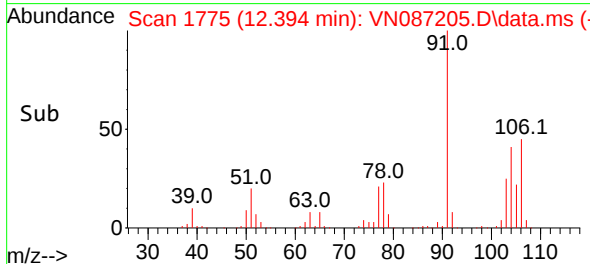
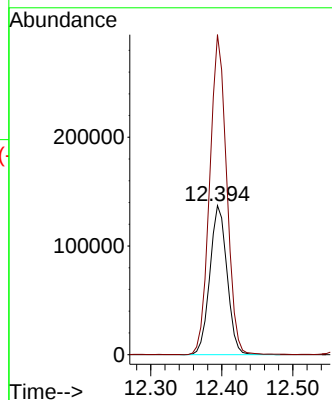
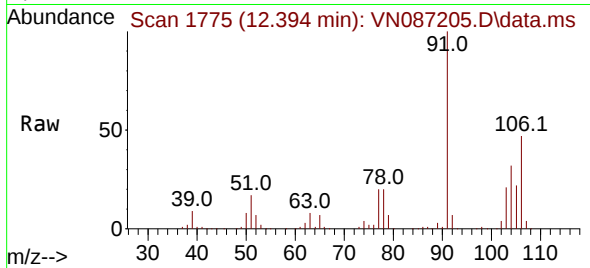
#69
o-Xylene
Concen: 55.034 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Tgt Ion:106 Resp: 230264
Ion Ratio Lower Upper
106 100
91 212.3 106.7 320.1

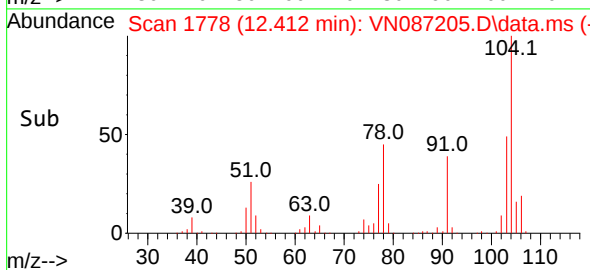
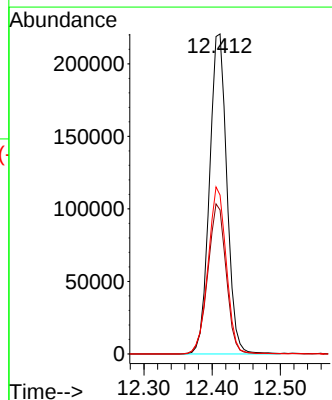
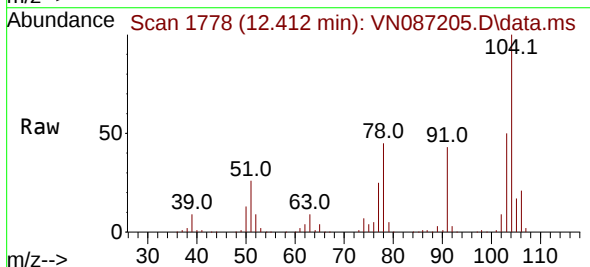
Manual Integrations
APPROVED

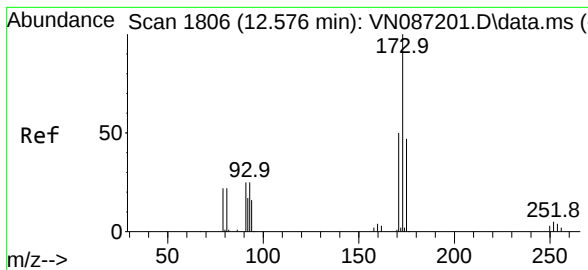
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#70
Styrene
Concen: 54.565 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

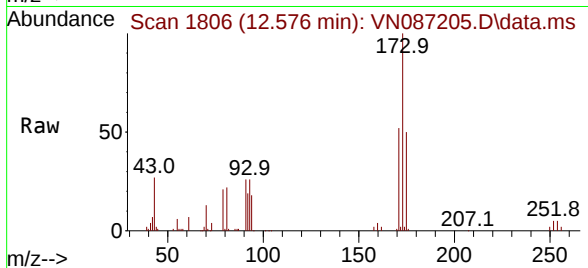
Tgt Ion:104 Resp: 391863
Ion Ratio Lower Upper
104 100
78 49.5 39.3 58.9
103 54.7 43.8 65.6





#71
Bromoform
Concen: 52.689 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

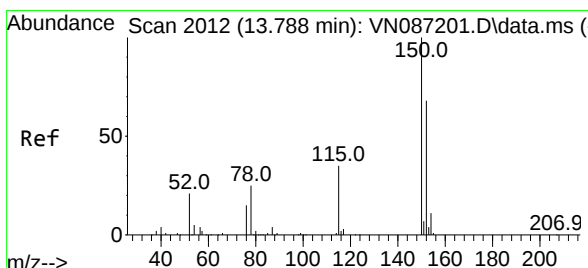
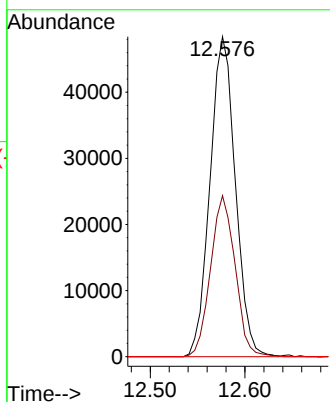
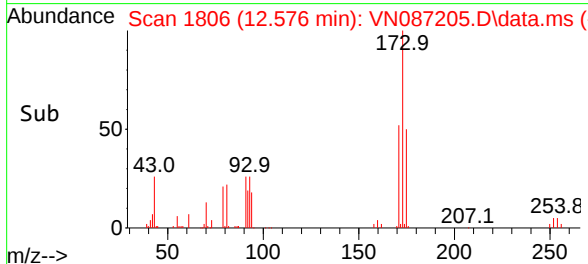
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



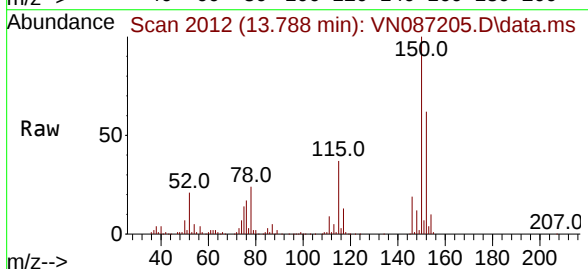
Tgt Ion:173 Resp: 90085
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

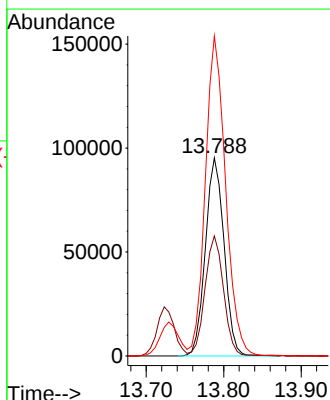
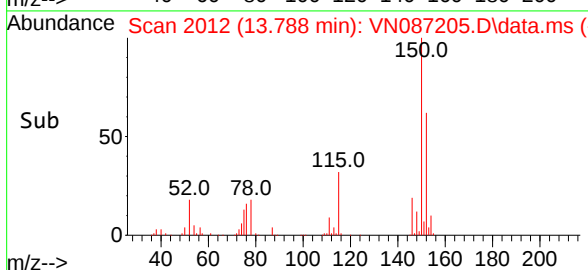
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

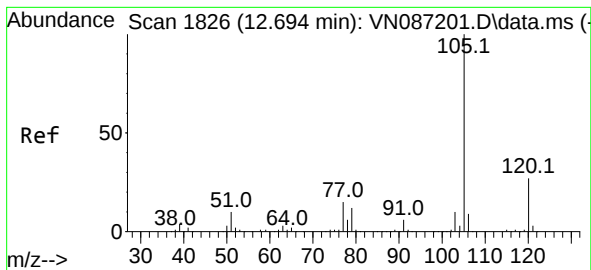


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



Tgt Ion:152 Resp: 160227
Ion Ratio Lower Upper
152 100
115 59.4 30.6 91.8
150 174.7 0.0 347.8





#73

Isopropylbenzene

Concen: 54.224 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062625

Tgt Ion:105 Resp: 588149

Ion Ratio Lower Upper

105 100

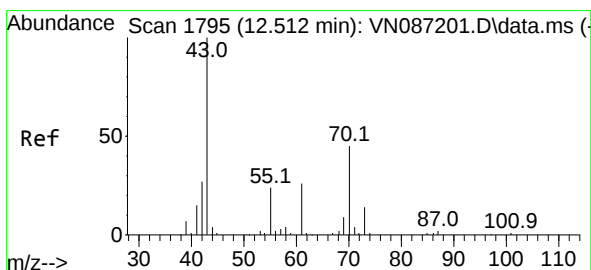
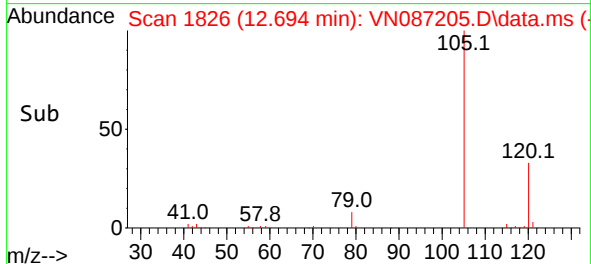
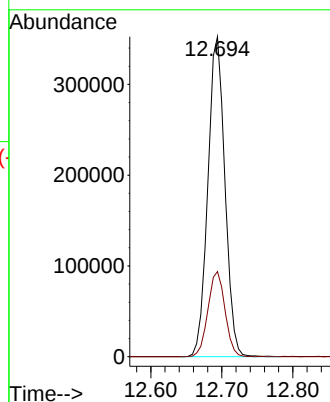
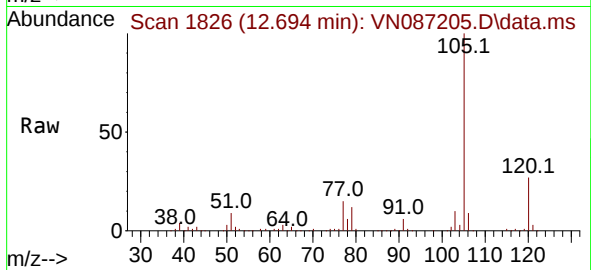
120 26.6 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#74

N-ethyl acetate

Concen: 47.813 ug/l

RT: 12.512 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

Tgt Ion: 43 Resp: 192968

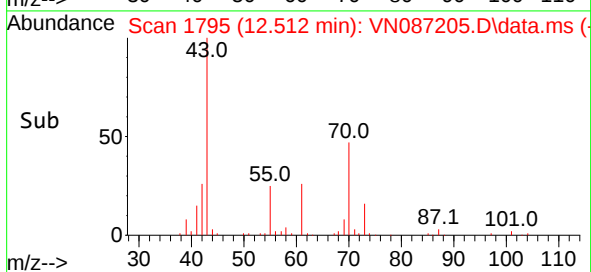
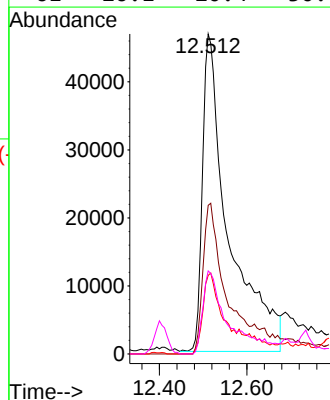
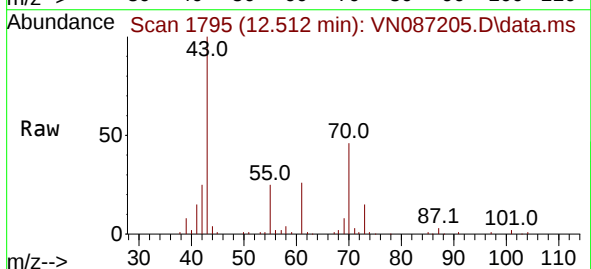
Ion Ratio Lower Upper

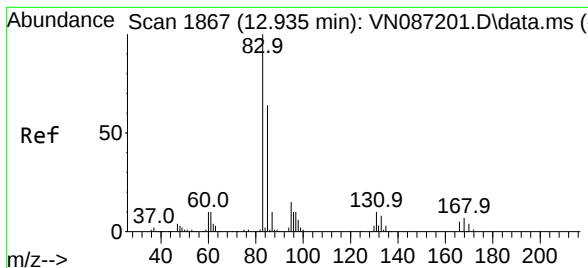
43 100

70 44.7 32.8 49.2

55 25.1 16.4 24.6#

61 26.1 20.4 30.6





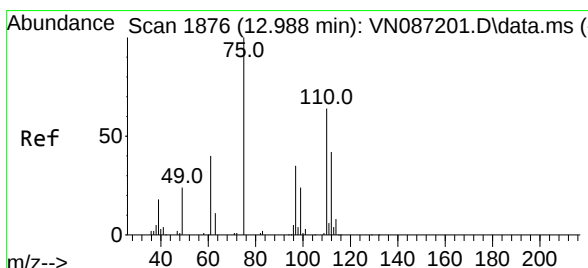
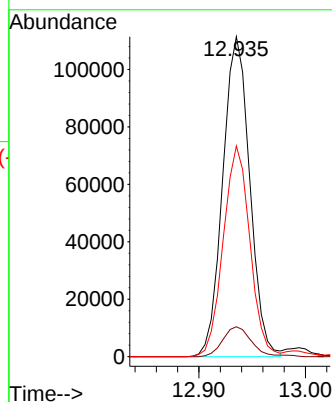
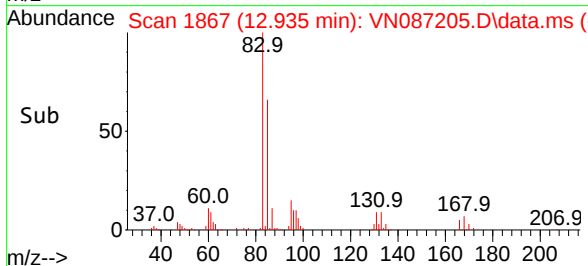
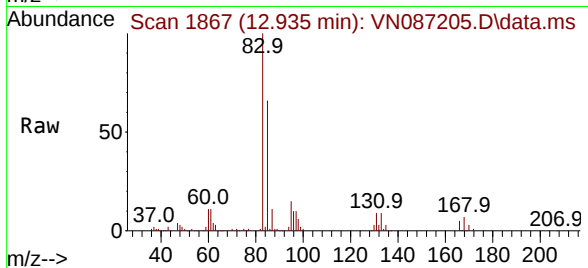
#75
1,1,2,2-Tetrachloroethane
Concen: 50.244 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Instrument : MSVOA_N
ClientSampleId : ICVVN062625

Tgt Ion: 83 Resp: 196285
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 64.9 32.1 96.5

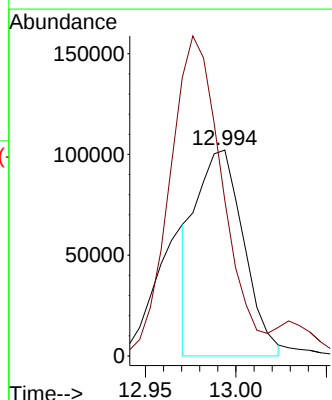
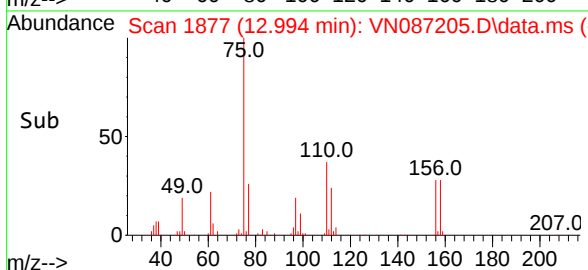
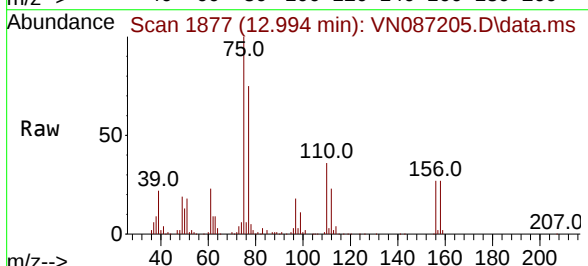
Manual Integrations
APPROVED

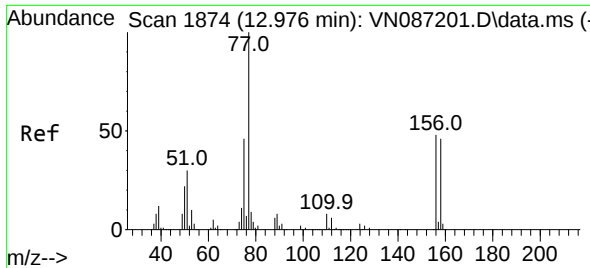
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#76
1,2,3-Trichloropropane
Concen: 52.385 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Tgt Ion: 75 Resp: 187267
Ion Ratio Lower Upper
75 100
77 172.2 85.5 256.6





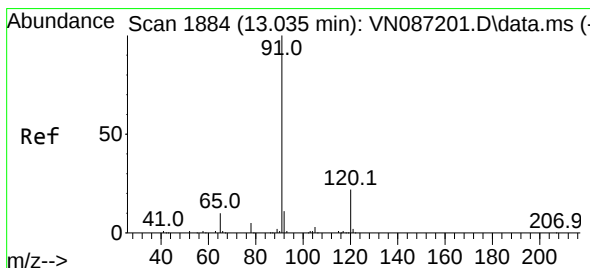
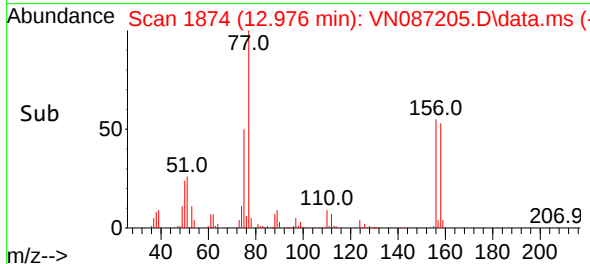
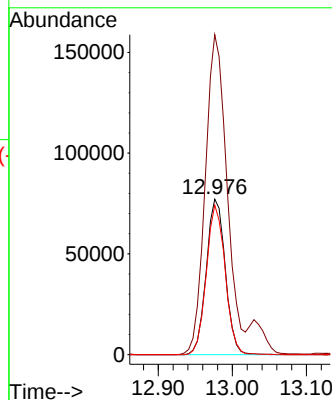
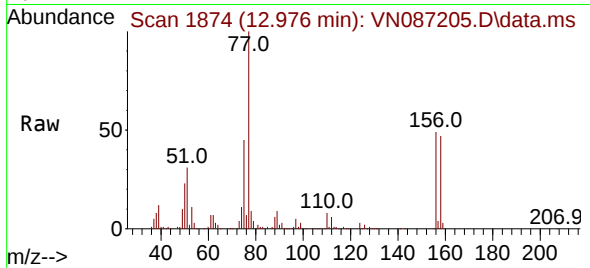
#77
Bromobenzene
Concen: 52.124 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Tgt Ion:156 Resp: 137400
Ion Ratio Lower Upper
156 100
77 234.8 119.6 358.9
158 95.4 48.6 145.9

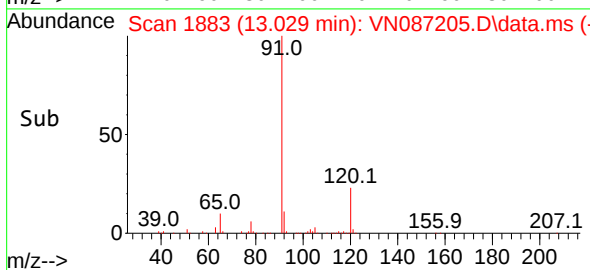
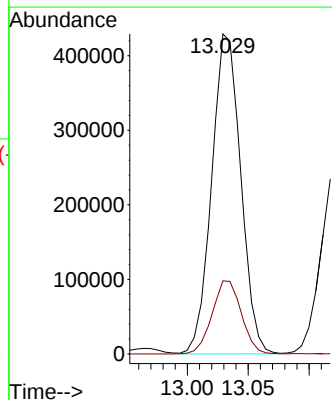
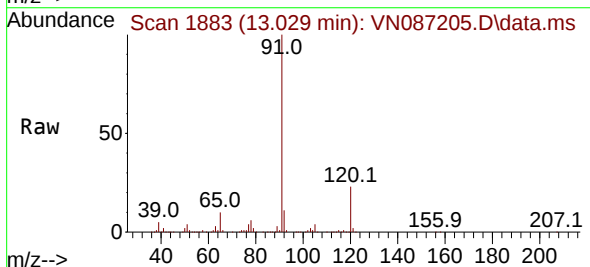
Manual Integrations
APPROVED

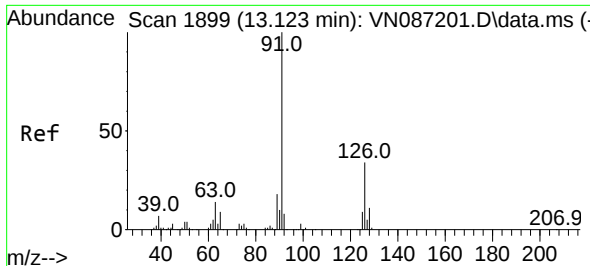
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#78
n-propylbenzene
Concen: 53.327 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

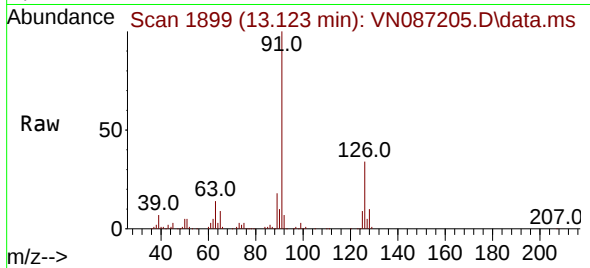
Tgt Ion: 91 Resp: 712421
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 51.220 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

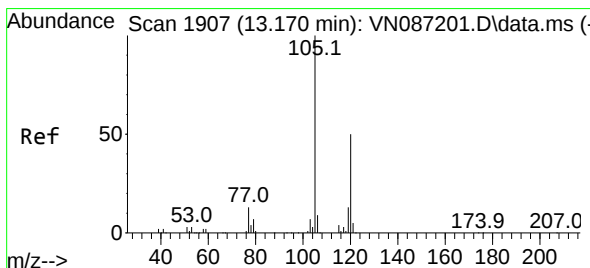
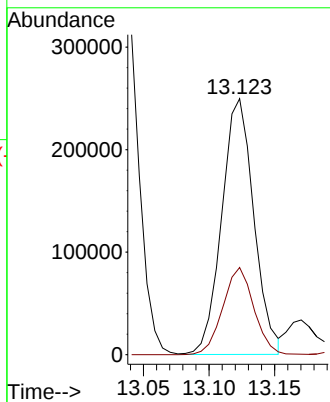
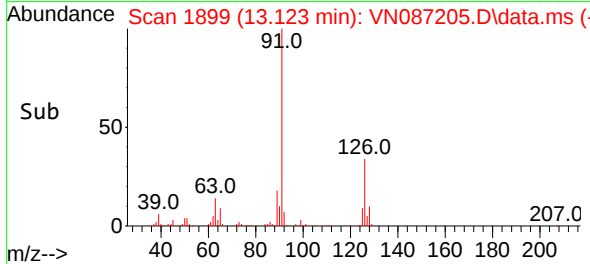
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



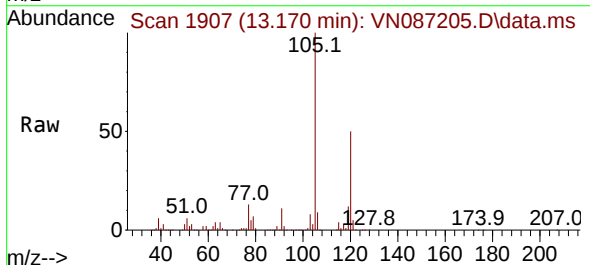
Tgt Ion: 91 Resp: 425974
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

Manual Integrations
APPROVED

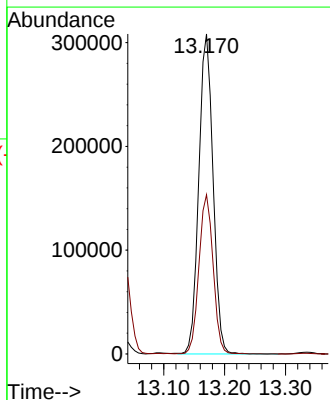
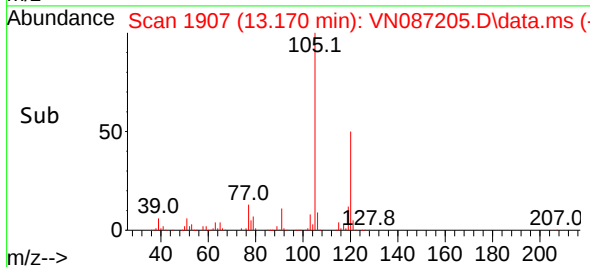
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

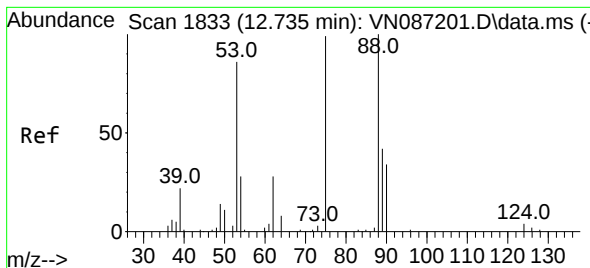


#80
1,3,5-Trimethylbenzene
Concen: 55.801 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



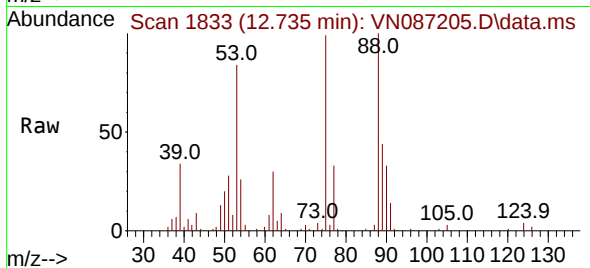
Tgt Ion:105 Resp: 499658
Ion Ratio Lower Upper
105 100
120 49.5 25.1 75.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.345 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

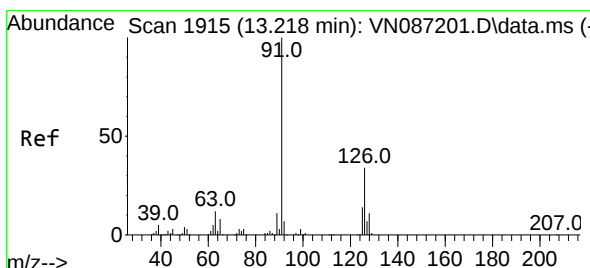
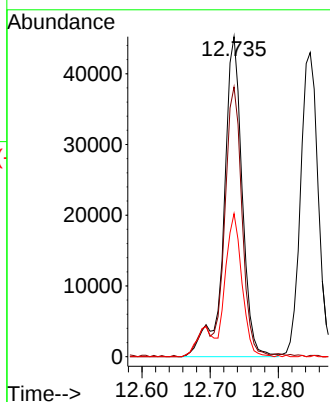
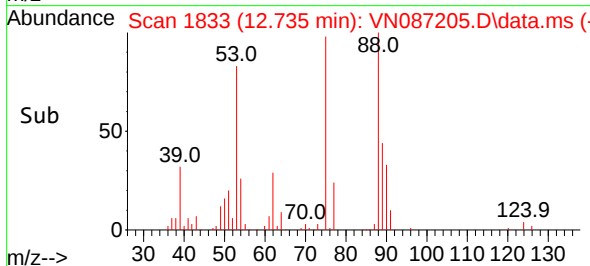
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



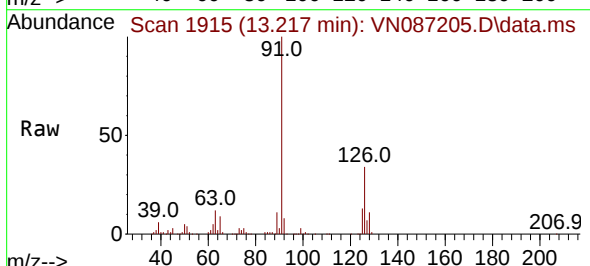
Tgt Ion: 75 Resp: 8496
Ion Ratio Lower Upper
75 100
53 77.7 71.4 107.0
89 39.2 37.9 56.9

Manual Integrations
APPROVED

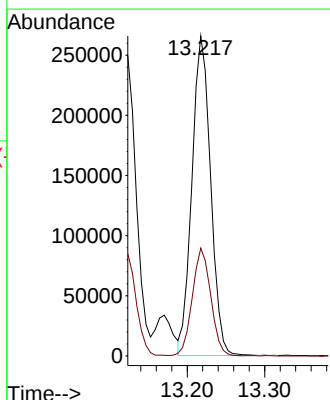
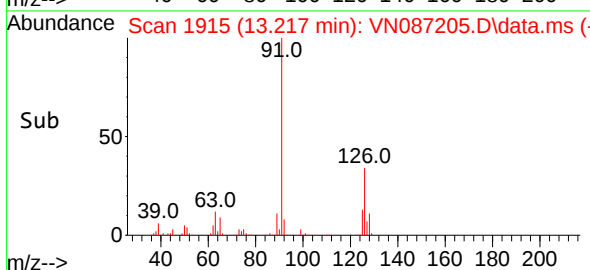
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

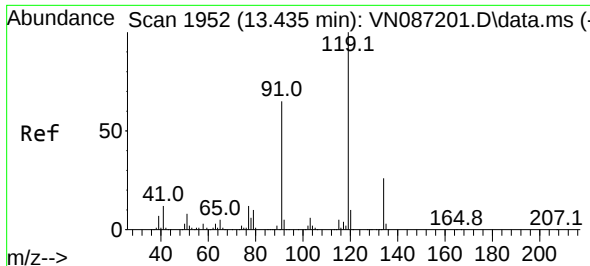


#82
4-Chlorotoluene
Concen: 53.592 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



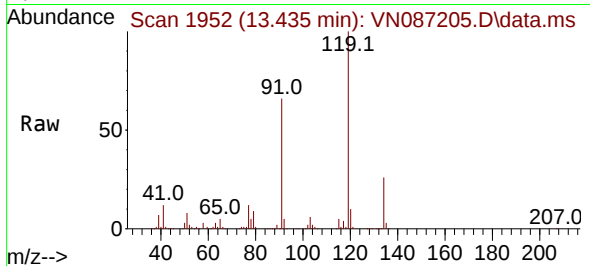
Tgt Ion: 91 Resp: 444326
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.1





#83
tert-Butylbenzene
Concen: 54.774 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

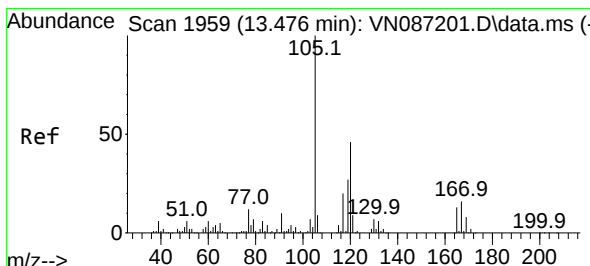
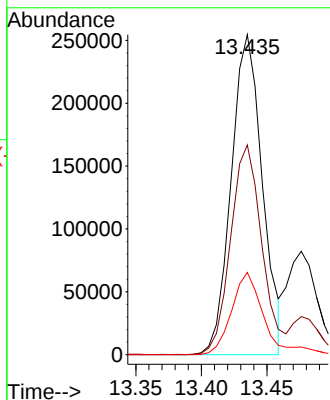
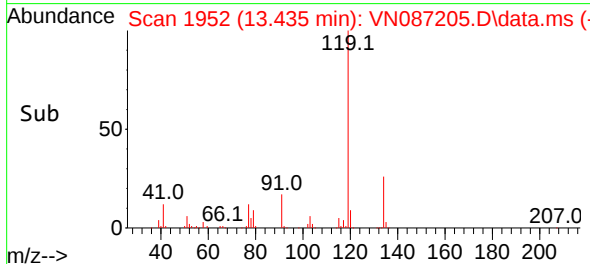
Instrument : MSVOA_N
ClientSampleId : ICVVN062625



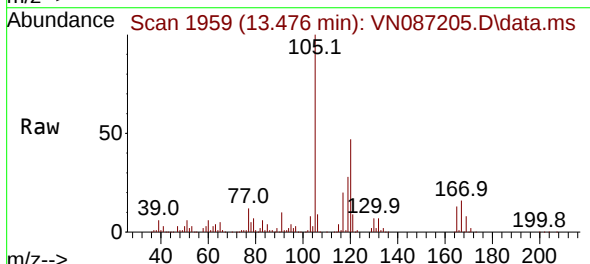
Tgt Ion:119 Resp: 421297
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.7
134 26.7 13.5 40.4

Manual Integrations
APPROVED

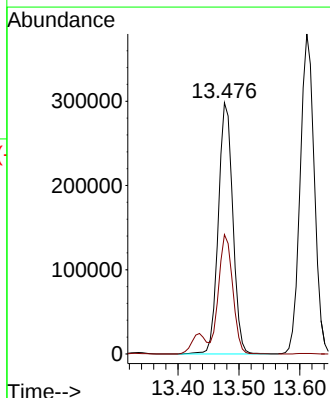
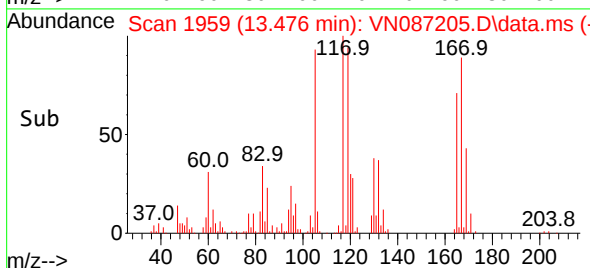
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

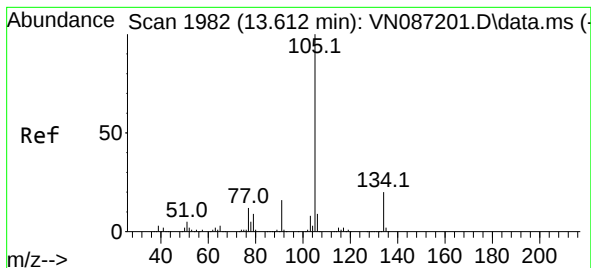


#84
1,2,4-Trimethylbenzene
Concen: 54.131 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



Tgt Ion:105 Resp: 491833
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.8





#85

sec-Butylbenzene

Concen: 53.913 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062625

Tgt Ion:105 Resp: 61093

Ion Ratio Lower Upper

105 100

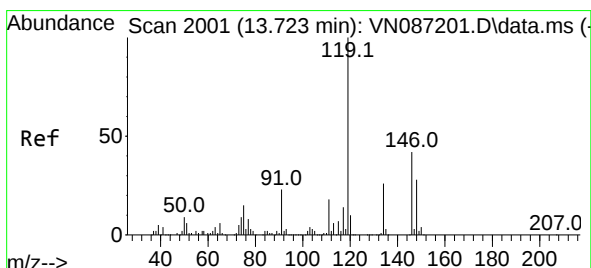
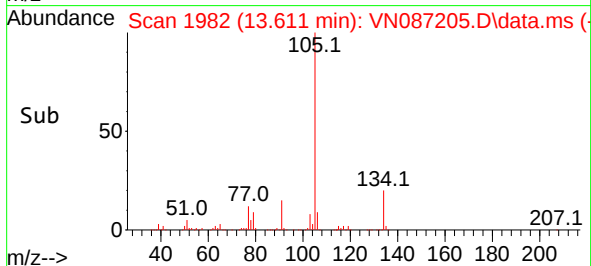
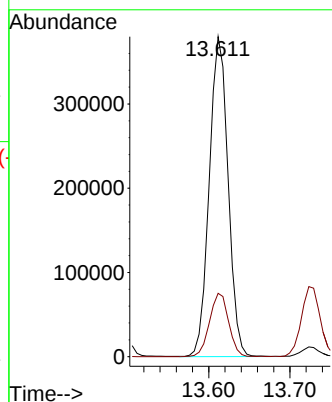
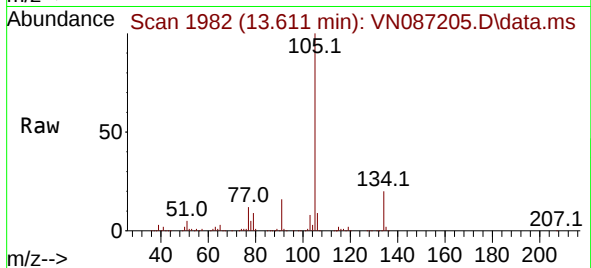
134 20.1 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#86

p-Isopropyltoluene

Concen: 55.378 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

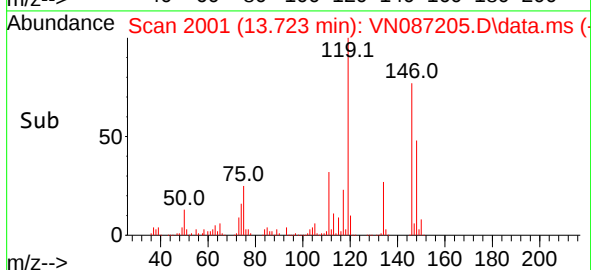
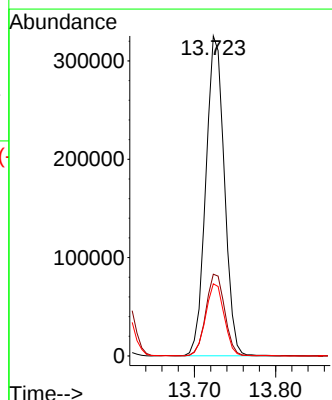
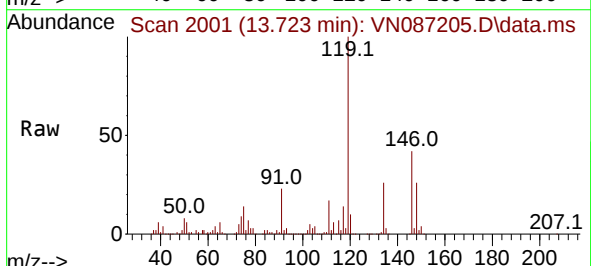
Tgt Ion:119 Resp: 514686

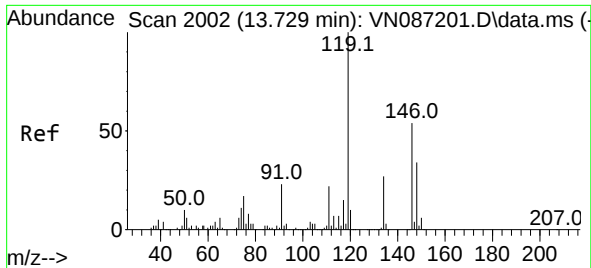
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

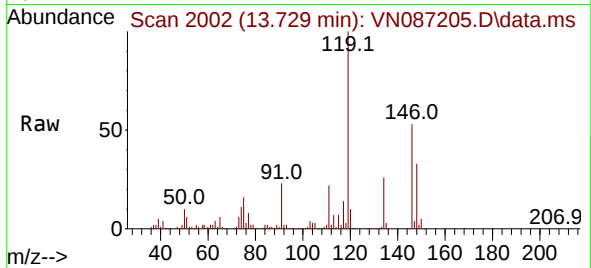
91 22.5 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 51.091 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

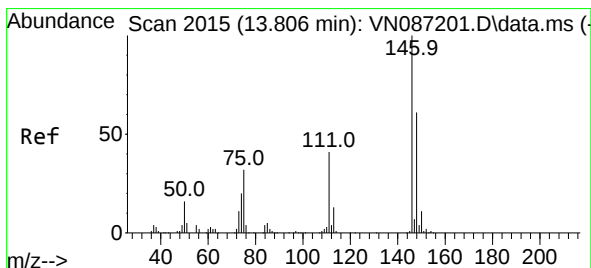
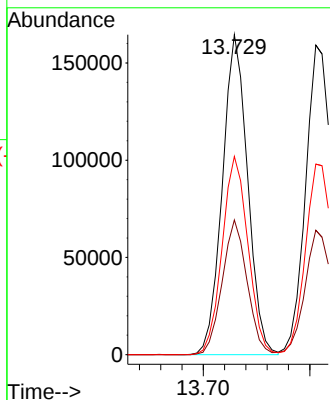
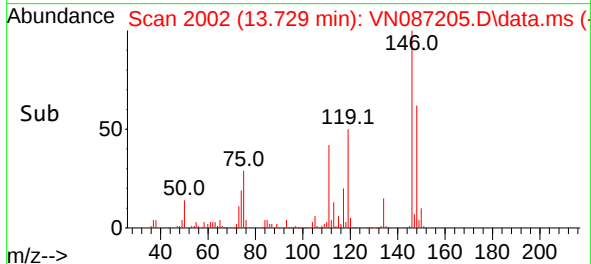
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625



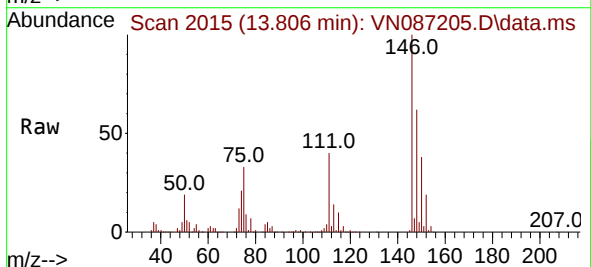
Tgt Ion:146 Resp: 27101
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.4
148 63.4 32.0 96.2

Manual Integrations
APPROVED

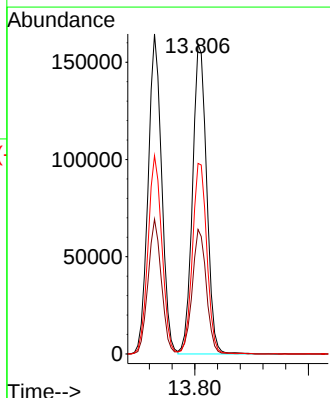
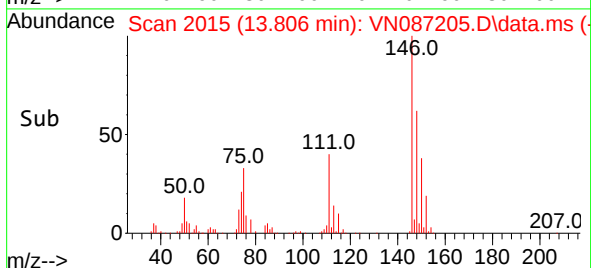
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

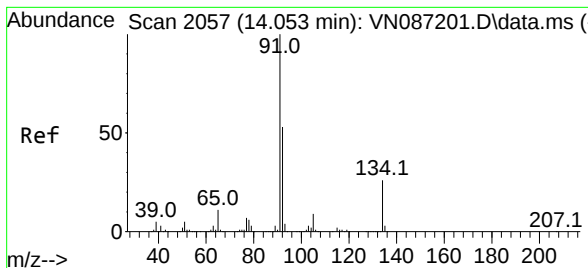


#88
1,4-Dichlorobenzene
Concen: 50.610 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20



Tgt Ion:146 Resp: 276031
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.6
148 62.2 31.4 94.0





#89

n-Butylbenzene

Concen: 53.838 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062625

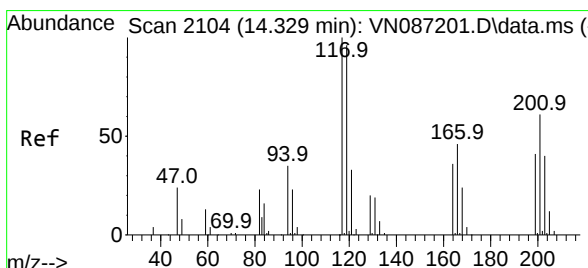
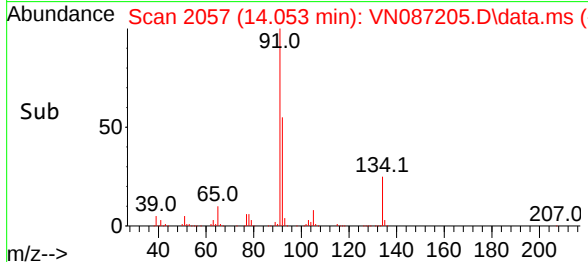
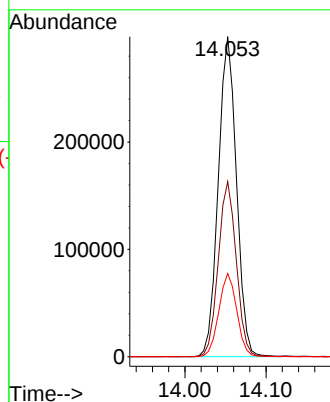
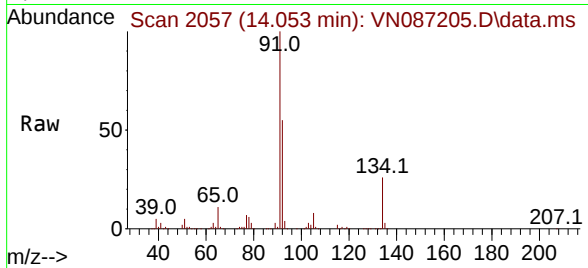
Tgt Ion:	91	Resp:	46489
Ion Ratio	Lower	Upper	
91	100		
92	54.1	26.9	80.7
134	25.6	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#90

Hexachloroethane

Concen: 51.311 ug/l

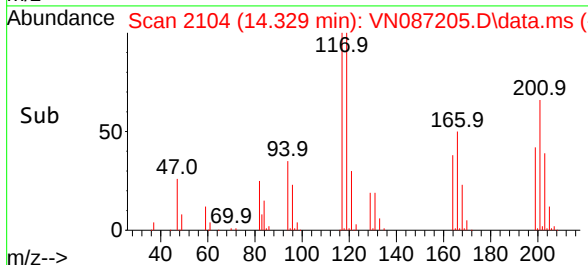
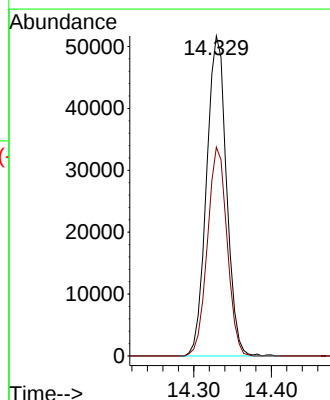
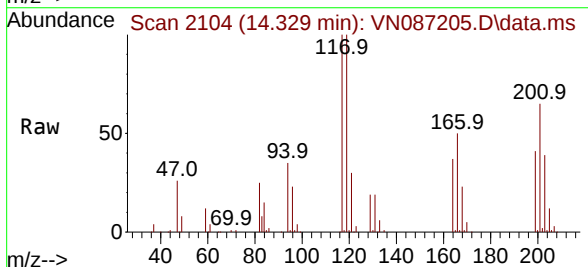
RT: 14.329 min Scan# 2104

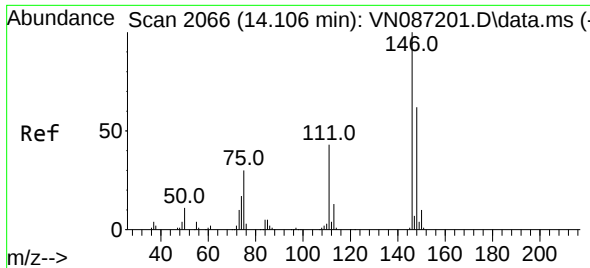
Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

Tgt Ion:	117	Resp:	92286
Ion Ratio	Lower	Upper	
117	100		
201	64.2	31.8	95.3





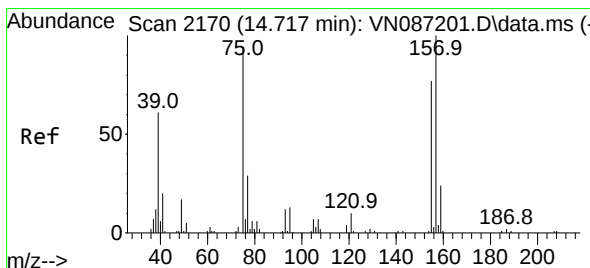
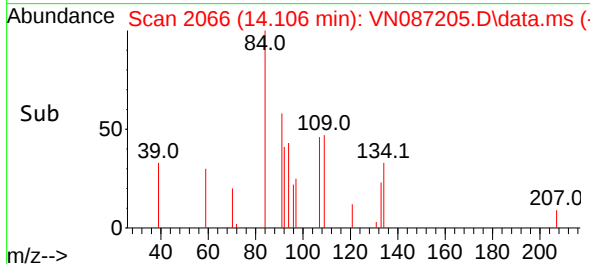
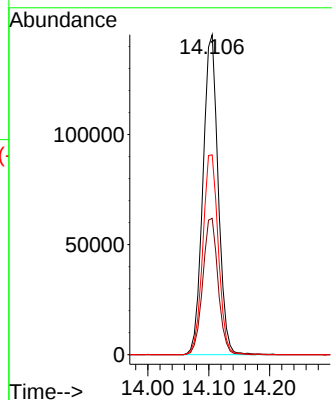
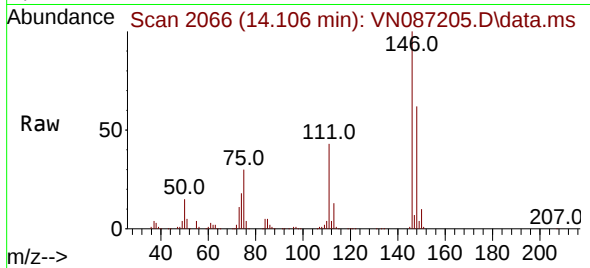
#91
1,2-Dichlorobenzene
Concen: 50.603 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Tgt Ion:146 Resp: 25281
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.2
148 63.6 31.5 94.5

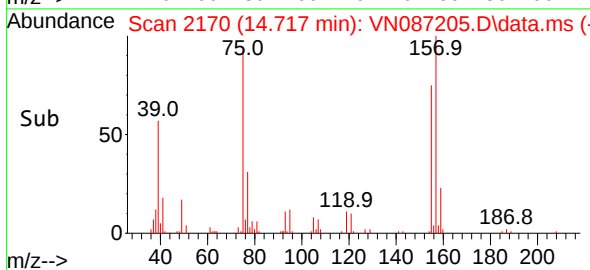
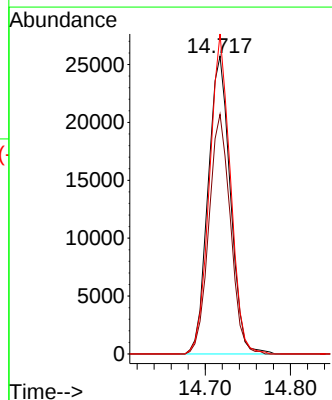
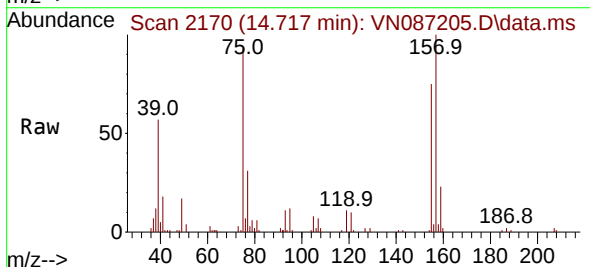
Manual Integrations
APPROVED

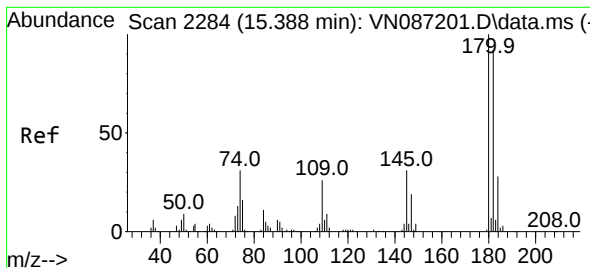
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.198 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Tgt Ion: 75 Resp: 46550
Ion Ratio Lower Upper
75 100
155 77.6 39.4 118.1
157 100.9 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 53.446 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN087205.D

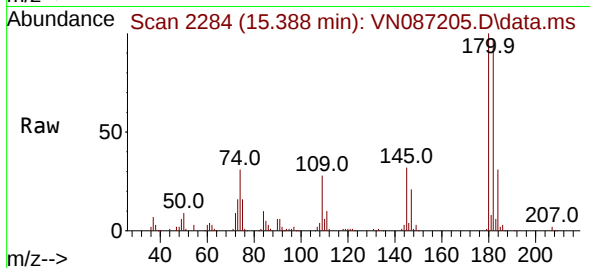
Acq: 26 Jun 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062625



Tgt Ion:180 Resp: 148650

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.3

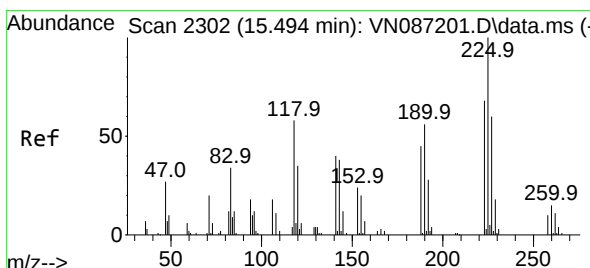
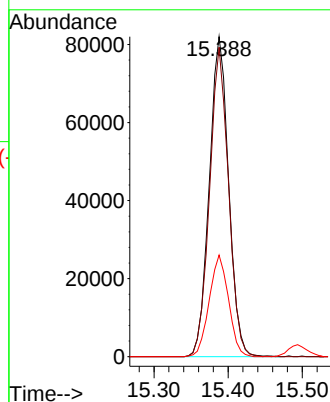
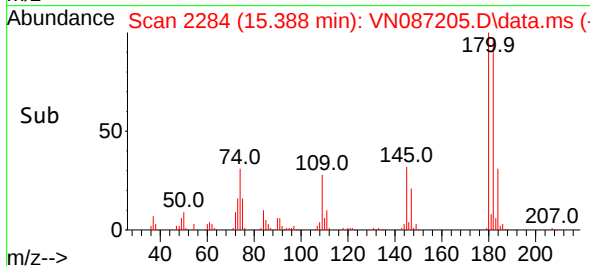
145 31.7 16.2 48.5

Manual Integrations

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Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#94

Hexachlorobutadiene

Concen: 52.428 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.000 min

Lab File: VN087205.D

Acq: 26 Jun 2025 19:20

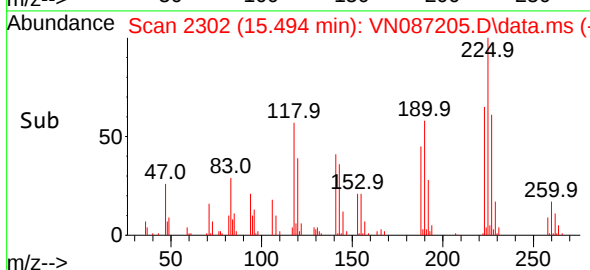
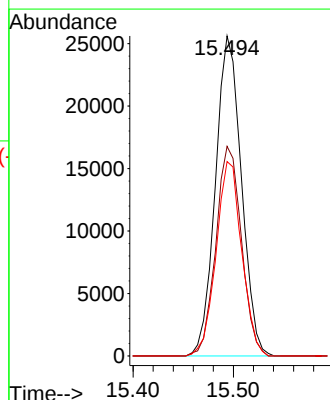
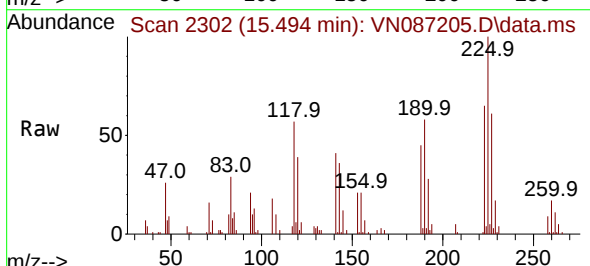
Tgt Ion:225 Resp: 46000

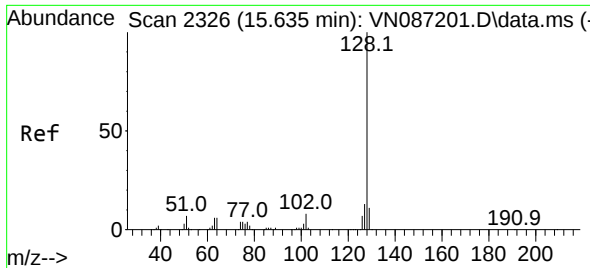
Ion Ratio Lower Upper

225 100

223 64.4 32.9 98.6

227 60.1 32.0 96.2





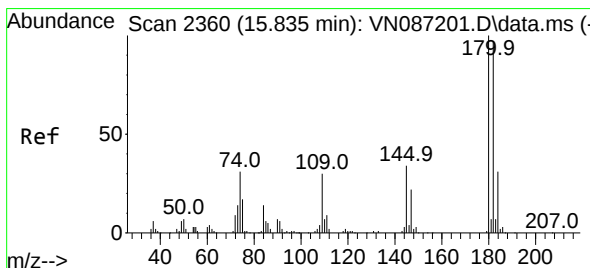
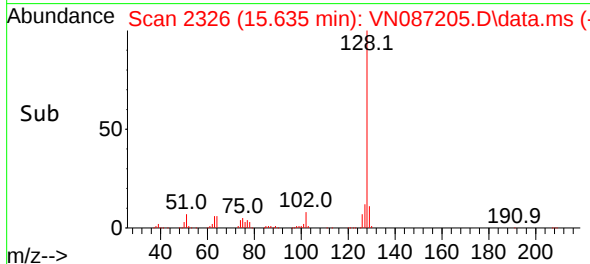
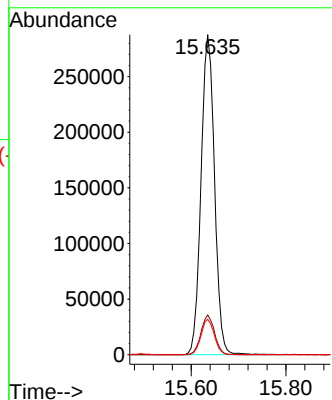
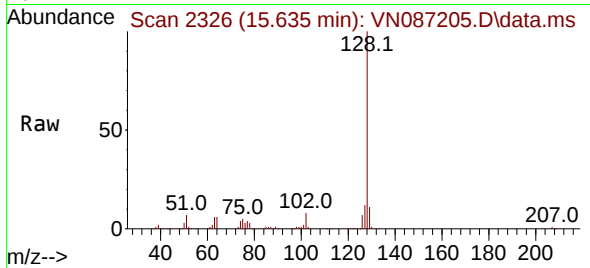
#95
Naphthalene
Concen: 53.859 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Tgt Ion:128 Resp: 56829
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.439 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087205.D
Acq: 26 Jun 2025 19:20

Tgt Ion:180 Resp: 144006
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 33.7 16.9 50.7

