

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
 Data File : VN087258.D
 Acq On : 01 Jul 2025 16:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 02 02:02:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	213718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	345283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123248	45.949	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.900%		
35) Dibromofluoromethane	8.177	113	102984	46.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.160%		
50) Toluene-d8	10.565	98	401479	46.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.180%		
62) 4-Bromofluorobenzene	12.847	95	143542	46.815	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	107587	51.728	ug/l	97
3) Chloromethane	2.395	50	87204	51.635	ug/l	94
4) Vinyl Chloride	2.553	62	103244	49.724	ug/l	98
5) Bromomethane	2.983	94	84787	44.749	ug/l	96
6) Chloroethane	3.148	64	79332	48.236	ug/l	99
7) Trichlorofluoromethane	3.524	101	175146	48.612	ug/l	94
8) Diethyl Ether	3.977	74	59873	52.073	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.394	101	107404	51.345	ug/l	97
10) Methyl Iodide	4.606	142	106724	51.418	ug/l	98
11) Tert butyl alcohol	5.536	59	124714	255.120	ug/l	99
12) 1,1-Dichloroethene	4.365	96	99758	50.199	ug/l	97
13) Acrolein	4.194	56	87671	258.937	ug/l	97
14) Allyl chloride	5.042	41	117667	48.313	ug/l	97
15) Acrylonitrile	5.736	53	296677	243.776	ug/l	99
16) Acetone	4.442	43	264214	257.649	ug/l	97
17) Carbon Disulfide	4.742	76	283449	47.540	ug/l	99
18) Methyl Acetate	5.042	43	116978	49.829	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	343190	49.275	ug/l	98
20) Methylene Chloride	5.300	84	108699	47.850	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	113984	47.467	ug/l	98
22) Diisopropyl ether	6.683	45	277449	47.580	ug/l	97
23) Vinyl Acetate	6.618	43	1303186	241.650	ug/l	98
24) 1,1-Dichloroethane	6.583	63	184252	48.226	ug/l	96
25) 2-Butanone	7.488	43	389725	243.187	ug/l	98
26) 2,2-Dichloropropane	7.494	77	183988	50.326	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	135337	48.802	ug/l	99
28) Bromochloromethane	7.818	49	74382	44.108	ug/l	98
29) Tetrahydrofuran	7.847	42	249141	241.255	ug/l	100
30) Chloroform	7.971	83	207310	48.955	ug/l	95
31) Cyclohexane	8.265	56	163116	44.653	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	190928	48.413	ug/l	96
36) 1,1-Dichloropropene	8.377	75	146029	48.571	ug/l	98
37) Ethyl Acetate	7.565	43	149306	46.196	ug/l	98
38) Carbon Tetrachloride	8.365	117	169690	49.810	ug/l	99
39) Methylcyclohexane	9.606	83	175688	49.069	ug/l	97
40) Benzene	8.612	78	445607	47.840	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	75109	48.604	ug/l	98
42) 1,2-Dichloroethane	8.671	62	147814	47.719	ug/l	100
43) Isopropyl Acetate	8.694	43	239467	47.777	ug/l	98
44) Trichloroethene	9.353	130	121641	49.147	ug/l	96
45) 1,2-Dichloropropane	9.624	63	100668	49.569	ug/l	99
46) Dibromomethane	9.712	93	84752	49.055	ug/l	99
47) Bromodichloromethane	9.888	83	165929	50.357	ug/l	97
48) Methyl methacrylate	9.682	41	104225	49.338	ug/l	98
49) 1,4-Dioxane	9.700	88	46397	1053.614	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	759297	247.594	ug/l	99
52) Toluene	10.629	92	303920	49.752	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	173719	49.154	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	182368	50.646	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	112022	48.544	ug/l	96
56) Ethyl methacrylate	10.876	69	162936	48.194	ug/l	99
57) 1,3-Dichloropropane	11.165	76	182017	48.328	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	447290	250.327	ug/l	100
59) 2-Hexanone	11.200	43	502091	228.568	ug/l	98
60) Dibromochloromethane	11.359	129	137776	50.648	ug/l	99
61) 1,2-Dibromoethane	11.470	107	124879	50.309	ug/l	99
64) Tetrachloroethene	11.106	164	104213	48.581	ug/l	99
65) Chlorobenzene	11.888	112	353844	49.014	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	123680	49.616	ug/l	98
67) Ethyl Benzene	11.965	91	585515	50.122	ug/l	98
68) m/p-Xylenes	12.070	106	479689	102.778	ug/l	99
69) o-Xylene	12.394	106	227865	52.192	ug/l	96
70) Styrene	12.412	104	394588	53.181	ug/l	99
71) Bromoform	12.576	173	101306	52.677	ug/l #	100
73) Isopropylbenzene	12.694	105	577500	49.388	ug/l	99
74) N-amyl acetate	12.512	43	175327m	45.595	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	177373	46.116	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	151775m	43.970	ug/l	
77) Bromobenzene	12.976	156	153293	50.221	ug/l	98
78) n-propylbenzene	13.035	91	693363	49.089	ug/l	100
79) 2-Chlorotoluene	13.123	91	402635	47.898	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	496454	50.794	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	67648	46.033	ug/l	90
82) 4-Chlorotoluene	13.217	91	422000	47.957	ug/l	100
83) tert-Butylbenzene	13.435	119	431076	50.341	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	503710	51.447	ug/l	99
85) sec-Butylbenzene	13.612	105	604818	49.828	ug/l	99
86) p-Isopropyltoluene	13.729	119	535933	51.367	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	305685	50.287	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	306766	48.331	ug/l	99
89) n-Butylbenzene	14.053	91	448745	48.850	ug/l	99
90) Hexachloroethane	14.329	117	94333	48.846	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	274767	48.331	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	42272	45.734	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	161279	47.973	ug/l	99
94) Hexachlorobutadiene	15.494	225	41446	38.809	ug/l	97
95) Naphthalene	15.635	128	563905	48.482	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	156578	47.806	ug/l	98

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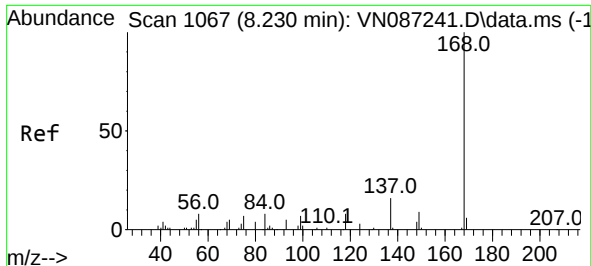
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

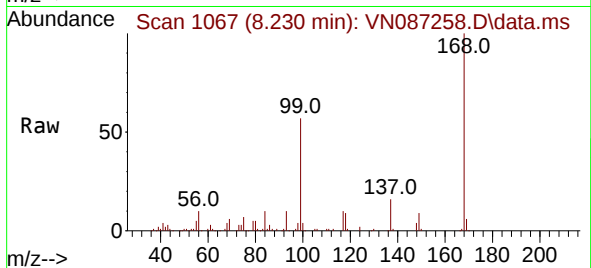
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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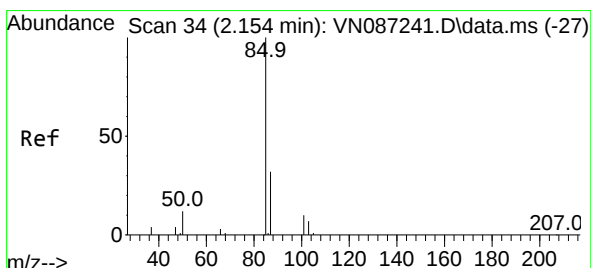
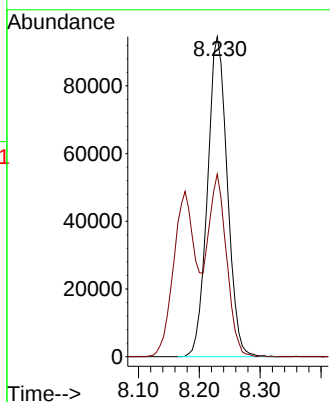
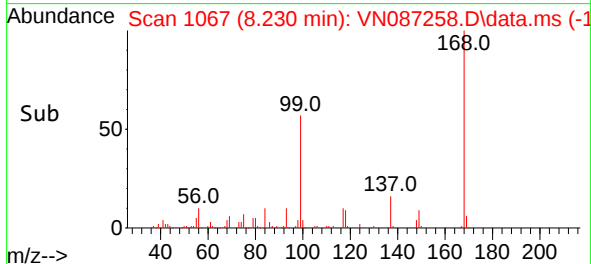
Instrument :
MSVOA_N
ClientSampleId :
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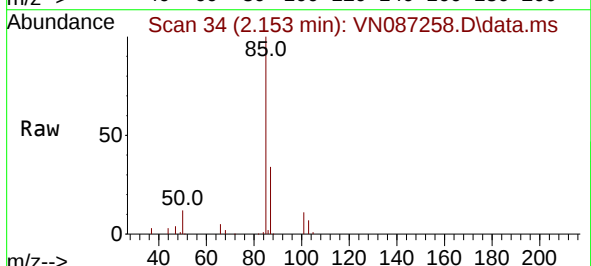
Tgt Ion:168 Resp: 213718
Ion Ratio Lower Upper
168 100
99 57.0 42.6 64.0

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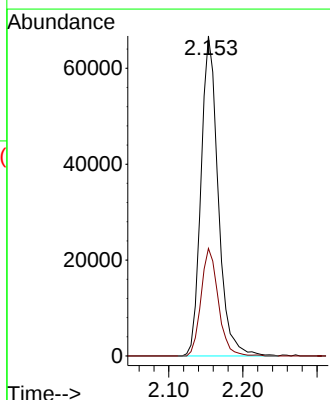
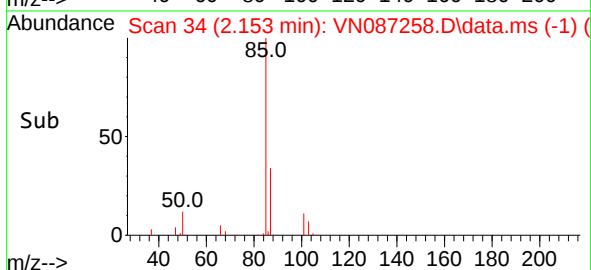
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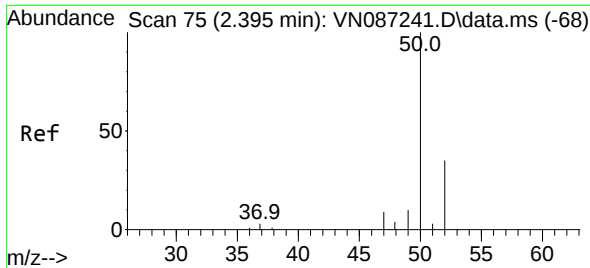


#2
Dichlorodifluoromethane
Concen: 51.728 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



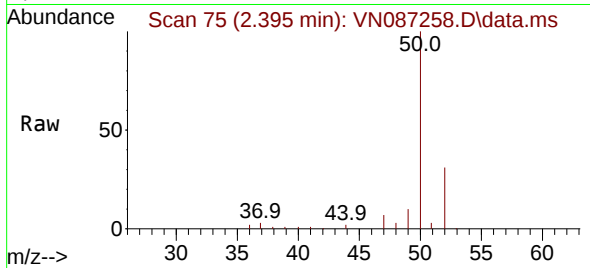
Tgt Ion: 85 Resp: 107587
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.3





#3
Chloromethane
Concen: 51.635 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

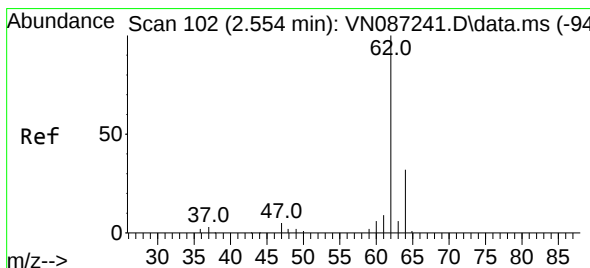
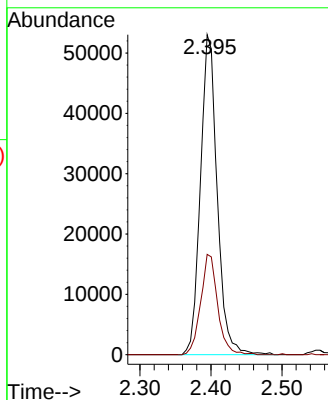
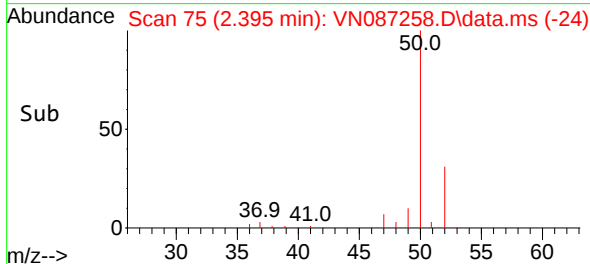
Instrument :
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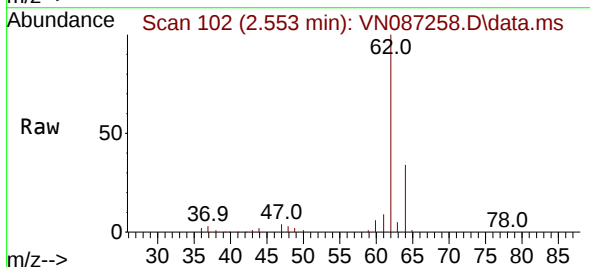
Tgt Ion: 50 Resp: 87204
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.8

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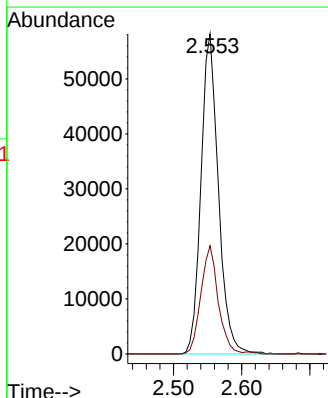
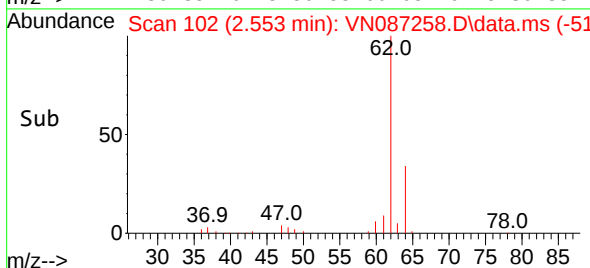
Reviewed By :John Carlone 07/03/2025
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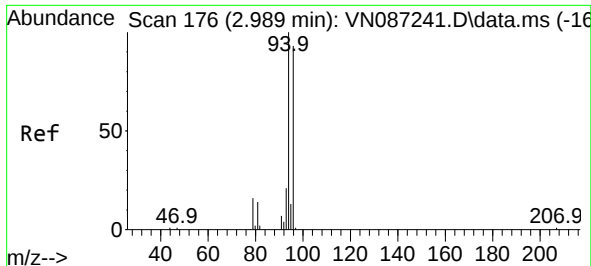


#4
Vinyl Chloride
Concen: 49.724 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



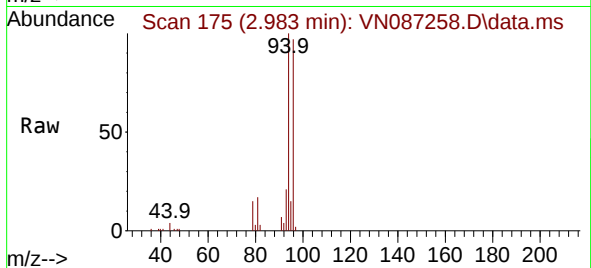
Tgt Ion: 62 Resp: 103244
Ion Ratio Lower Upper
62 100
64 33.8 26.0 39.0





#5
Bromomethane
Concen: 44.749 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087258.D
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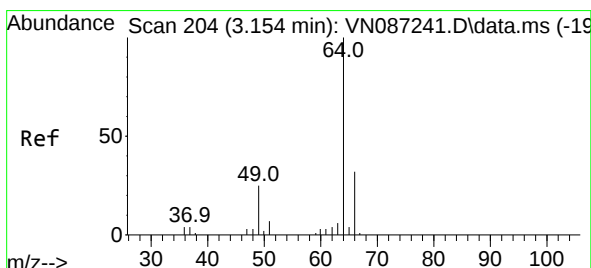
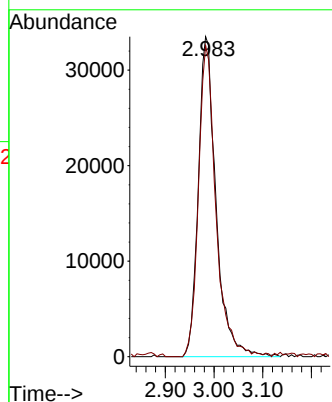
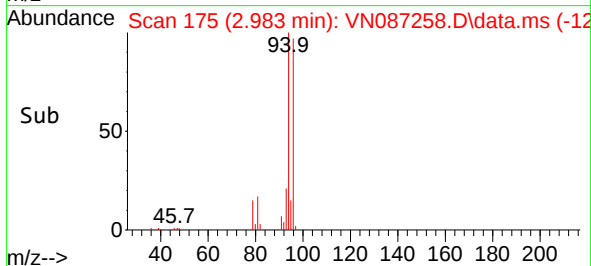
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Tgt Ion: 94 Resp: 8478
Ion Ratio Lower Upper
94 100
96 97.2 74.3 111.5

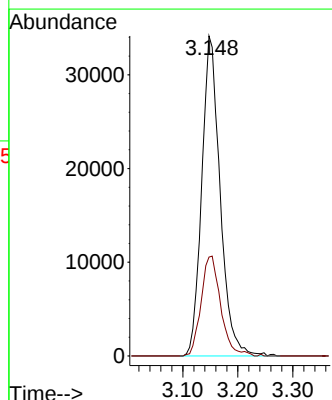
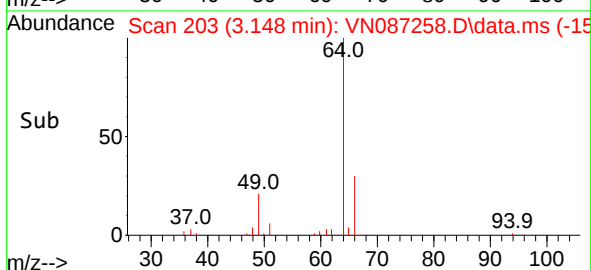
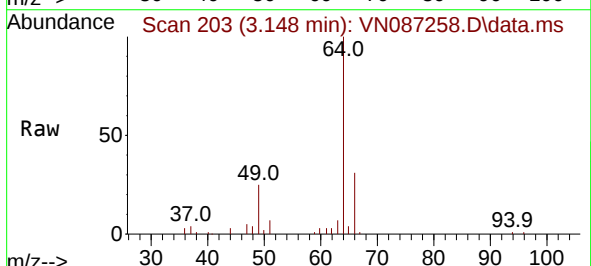
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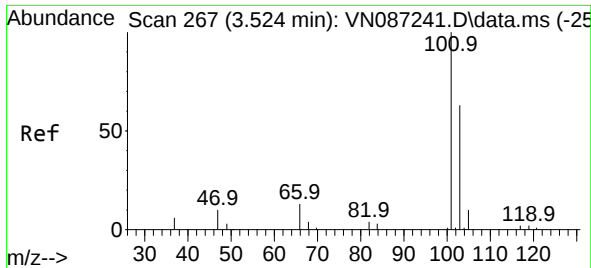
Reviewed By :John Carlone 07/03/2025
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#6
Chloroethane
Concen: 48.236 ug/l
RT: 3.148 min Scan# 203
Delta R.T. -0.006 min
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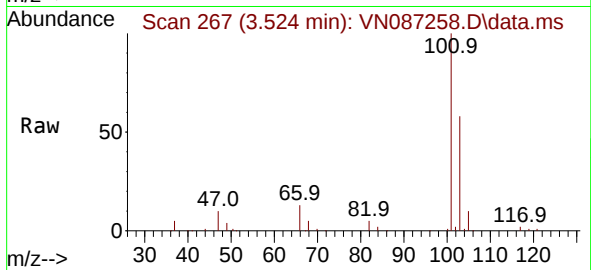
Tgt Ion: 64 Resp: 79332
Ion Ratio Lower Upper
64 100
66 30.9 25.3 37.9





#7
Trichlorofluoromethane
Concen: 48.612 ug/l
RT: 3.524 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

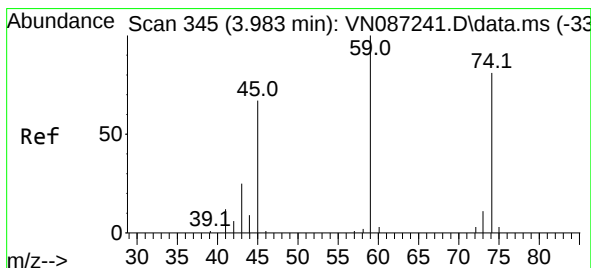
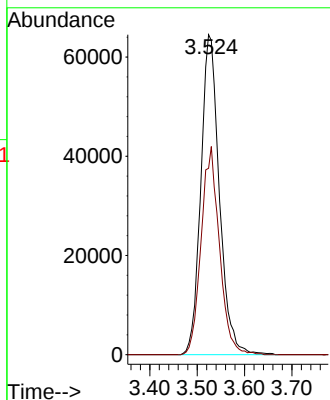
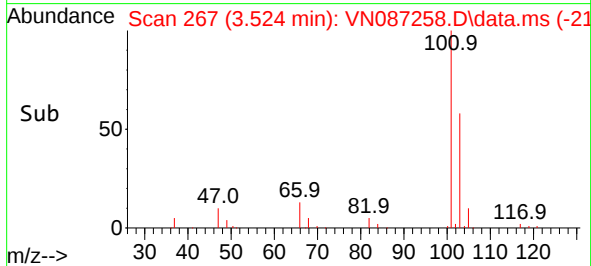
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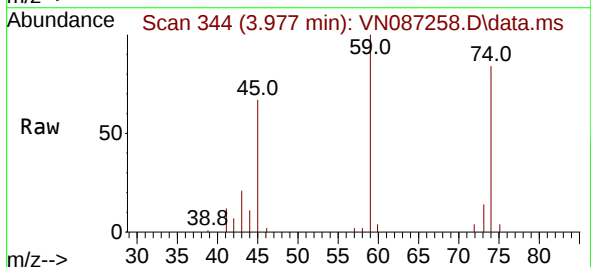
Tgt Ion:101 Resp: 175140
Ion Ratio Lower Upper
101 100
103 58.3 50.5 75.7

Manual Integrations
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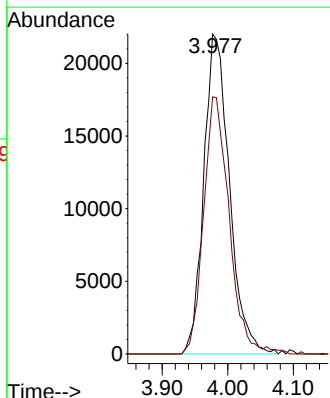
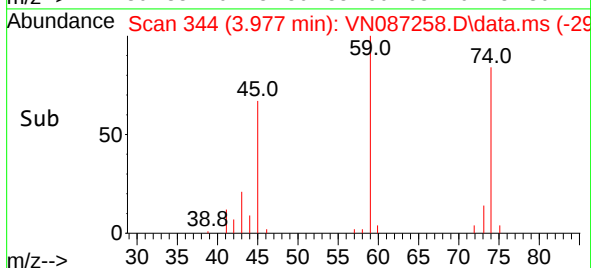
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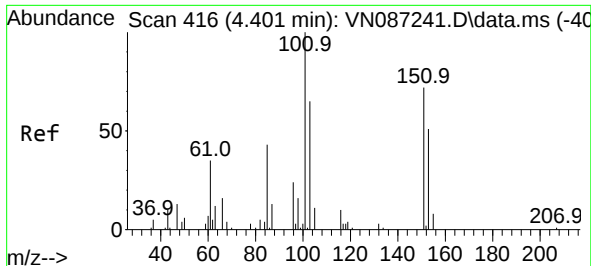


#8
Diethyl Ether
Concen: 52.073 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.006 min
Lab File: VN087258.D
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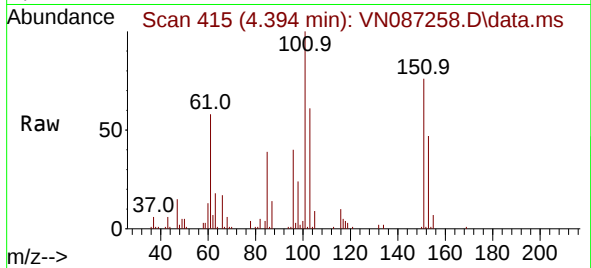
Tgt Ion: 74 Resp: 59873
Ion Ratio Lower Upper
74 100
45 80.2 39.4 118.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.345 ug/l
RT: 4.394 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087258.D
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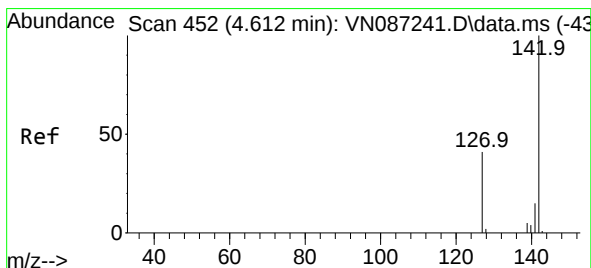
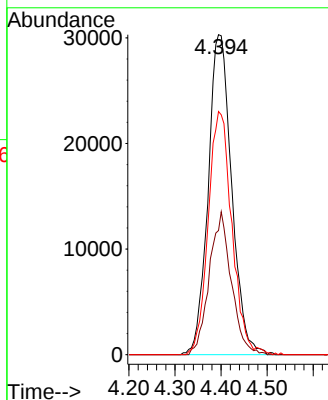
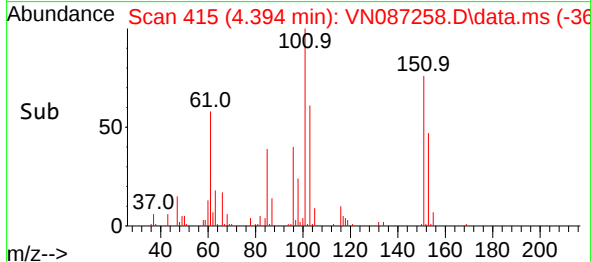
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 107404
Ion Ratio Lower Upper
101 100
85 41.8 34.4 51.6
151 76.6 63.8 95.8

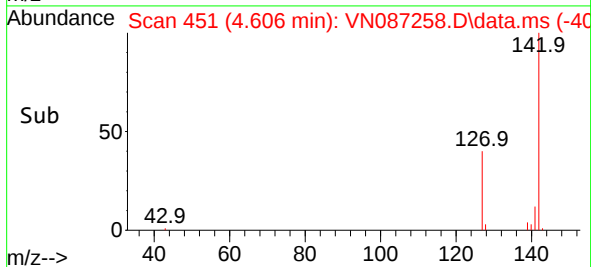
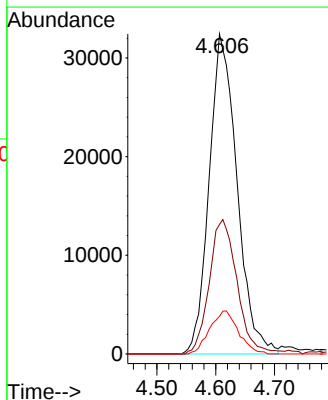
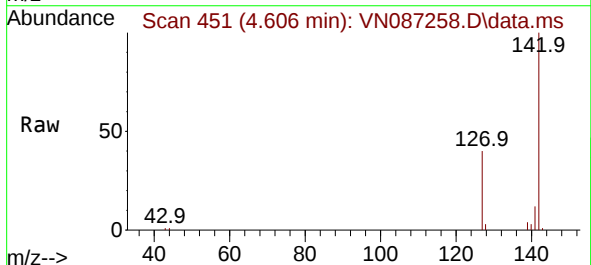
Manual Integrations
APPROVED

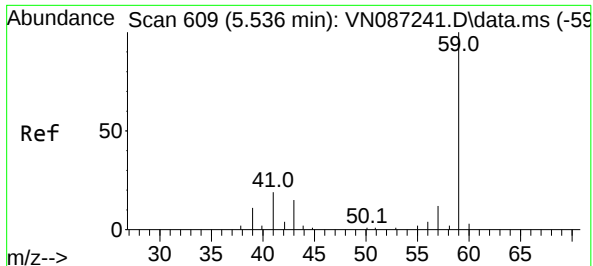
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#10
Methyl Iodide
Concen: 51.418 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

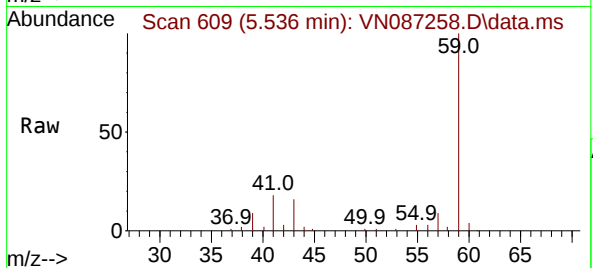
Tgt Ion:142 Resp: 106724
Ion Ratio Lower Upper
142 100
127 40.4 32.8 49.2
141 11.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 255.120 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

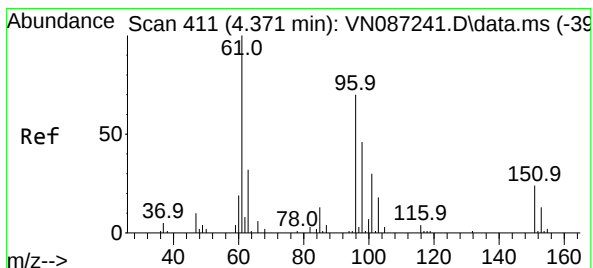
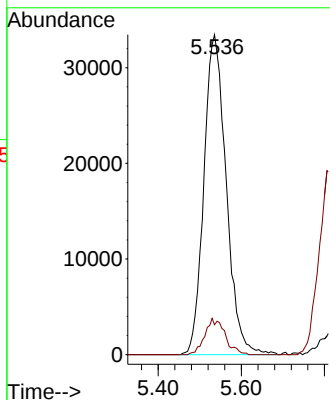
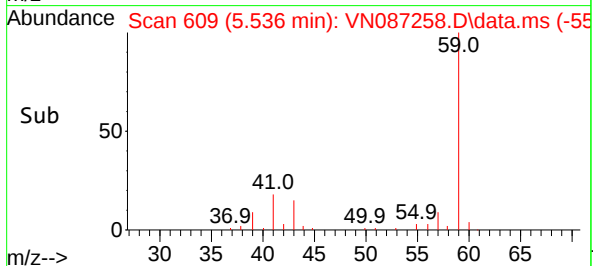
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



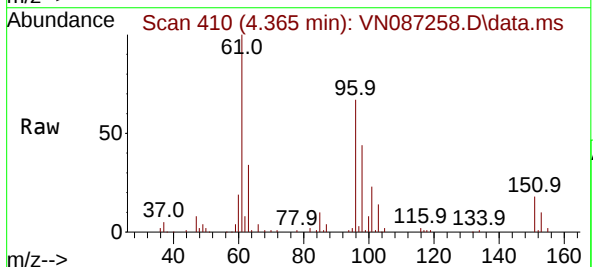
Tgt Ion: 59 Resp: 124714
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

Manual Integrations
APPROVED

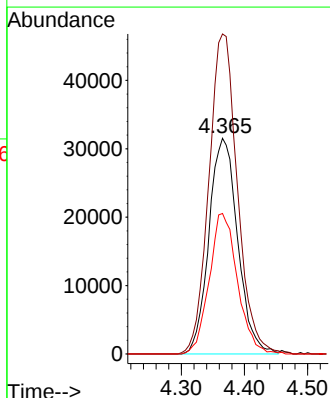
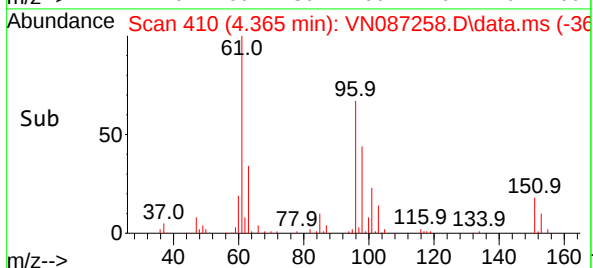
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

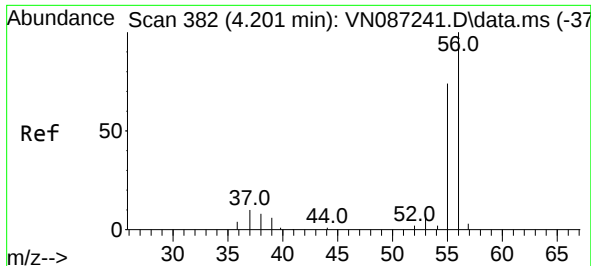


#12
1,1-Dichloroethene
Concen: 50.199 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



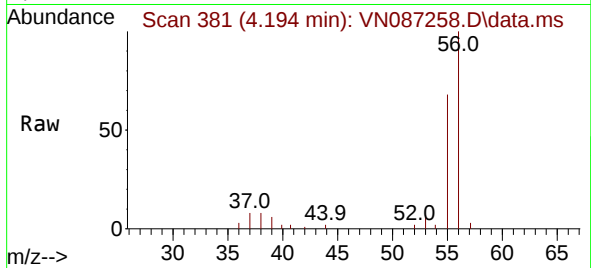
Tgt Ion: 96 Resp: 99758
Ion Ratio Lower Upper
96 100
61 148.3 114.4 171.6
98 65.1 53.0 79.6





#13
Acrolein
Concen: 258.937 ug/l
RT: 4.194 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

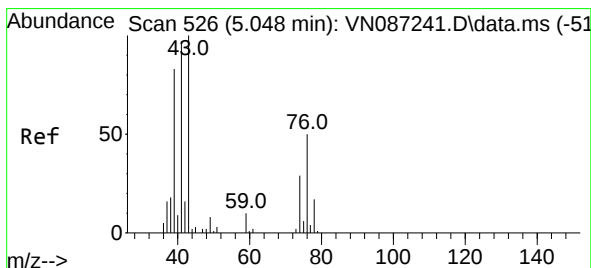
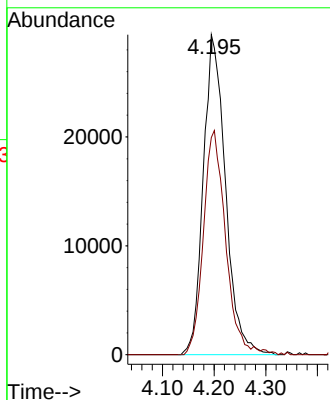
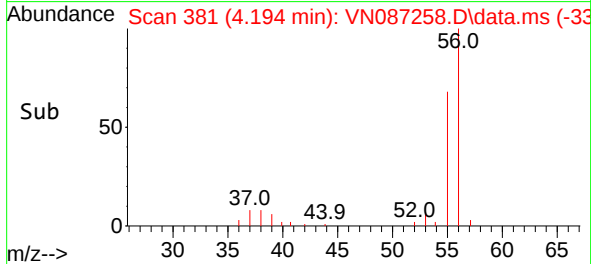
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8767
Ion Ratio Lower Upper
56 100
55 70.4 58.6 88.0

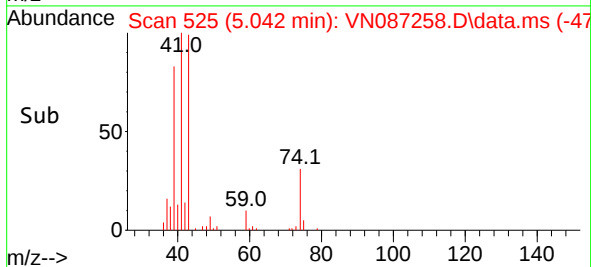
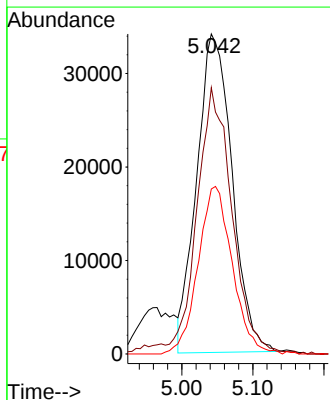
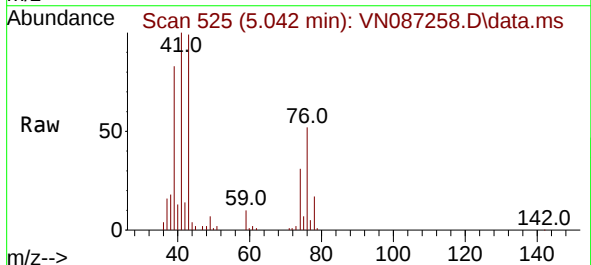
Manual Integrations
APPROVED

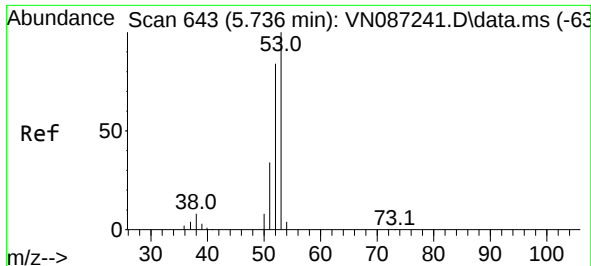
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#14
Allyl chloride
Concen: 48.313 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

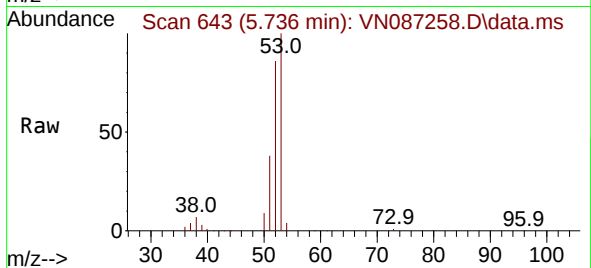
Tgt Ion: 41 Resp: 117667
Ion Ratio Lower Upper
41 100
39 84.9 66.3 99.5
76 51.0 38.6 58.0





#15
Acrylonitrile
Concen: 243.776 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

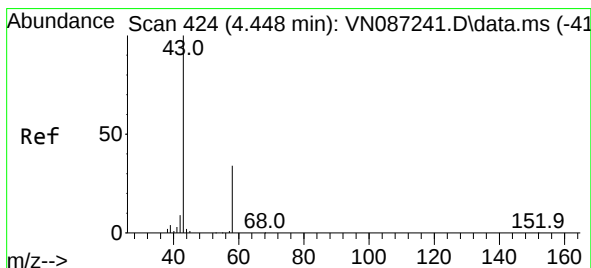
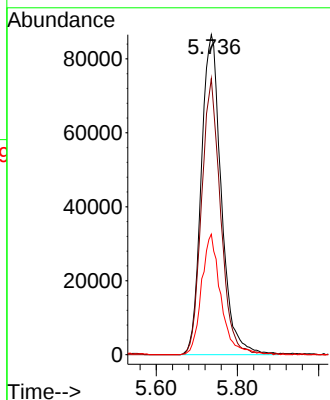
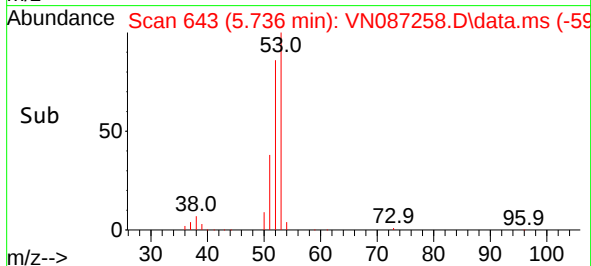
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



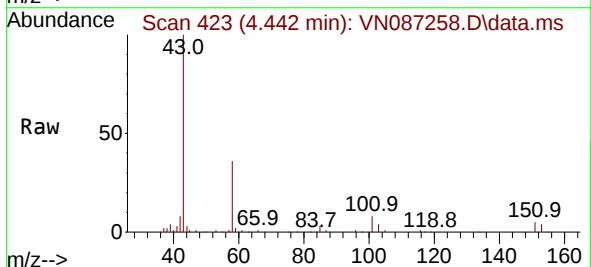
Tgt Ion: 53 Resp: 296672
Ion Ratio Lower Upper
53 100
52 81.8 66.5 99.7
51 36.4 29.1 43.7

Manual Integrations
APPROVED

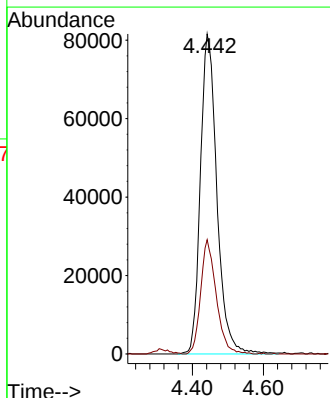
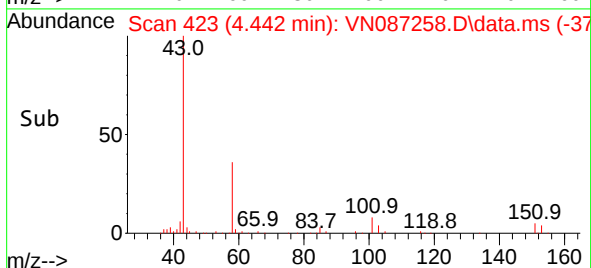
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

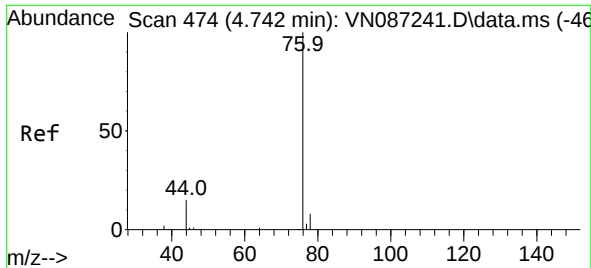


#16
Acetone
Concen: 257.649 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



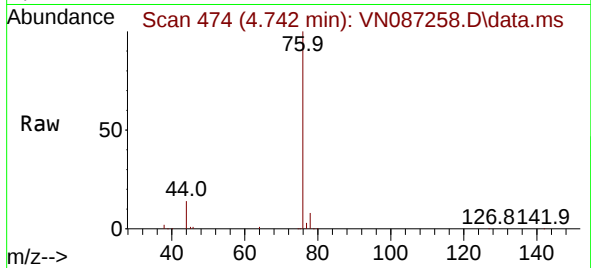
Tgt Ion: 43 Resp: 264214
Ion Ratio Lower Upper
43 100
58 35.7 27.1 40.7





#17
Carbon Disulfide
Concen: 47.540 ug/l
RT: 4.742 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

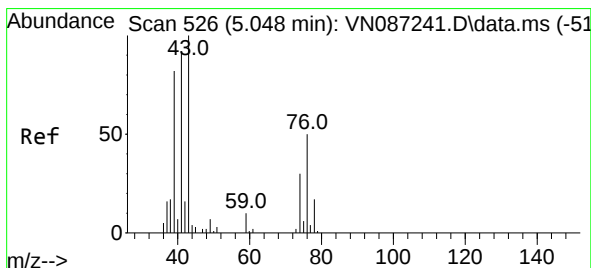
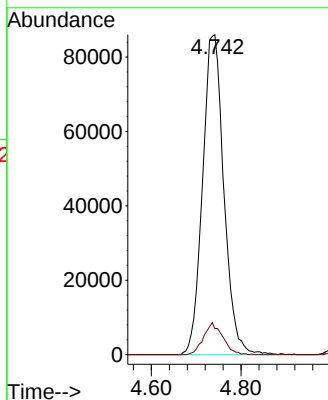
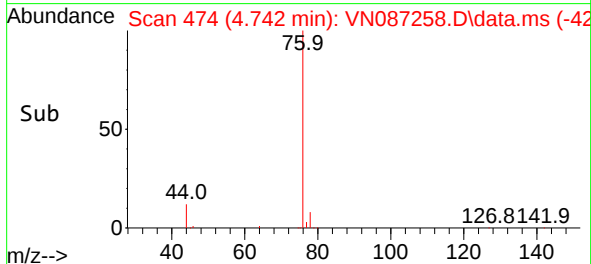
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 283449
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2

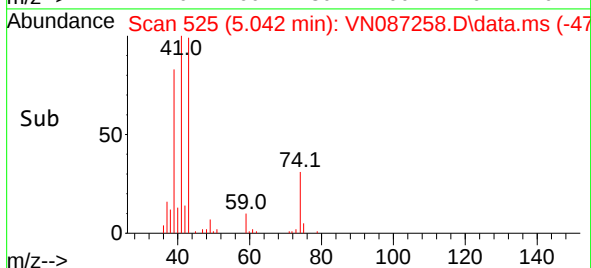
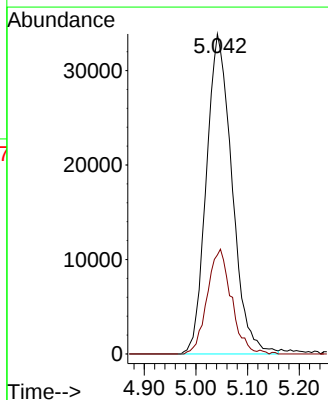
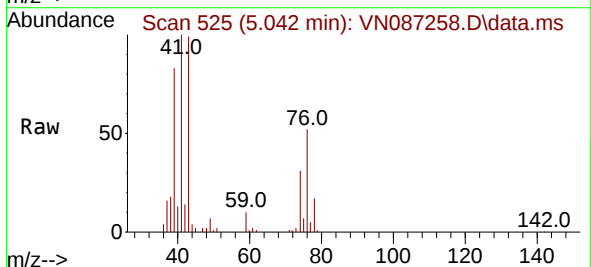
Manual Integrations
APPROVED

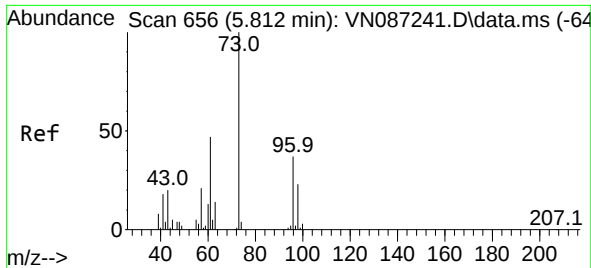
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#18
Methyl Acetate
Concen: 49.829 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

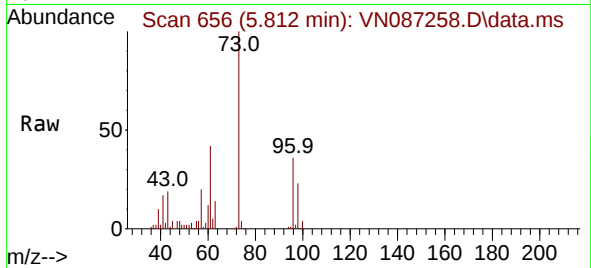
Tgt Ion: 43 Resp: 116978
Ion Ratio Lower Upper
43 100
74 30.7 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 49.275 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

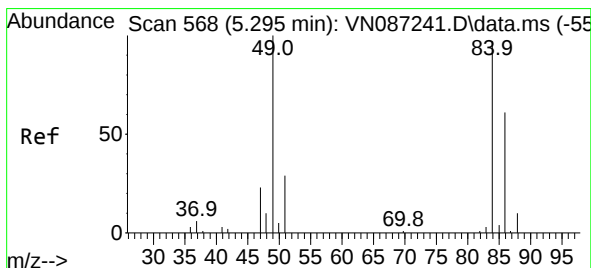
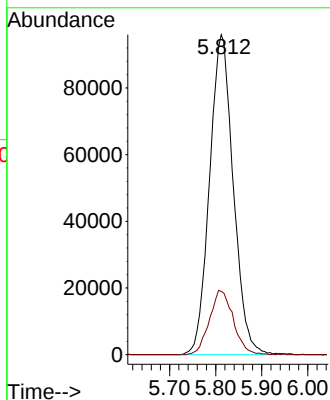
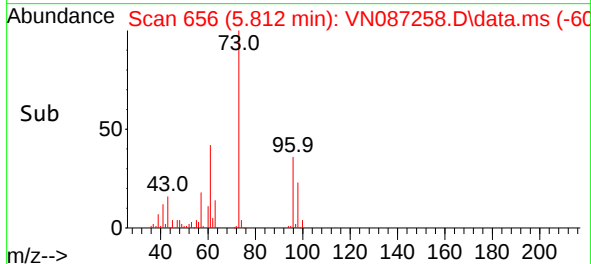
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 343190
Ion Ratio Lower Upper
73 100
57 19.8 16.7 25.1

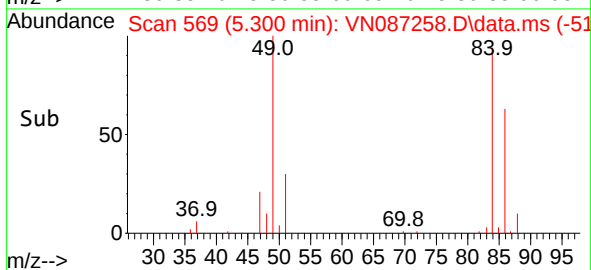
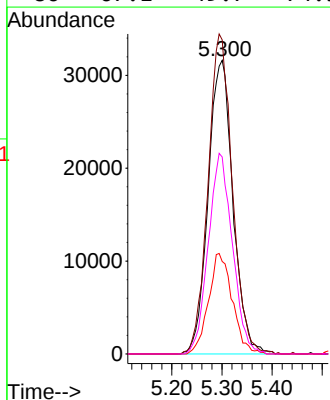
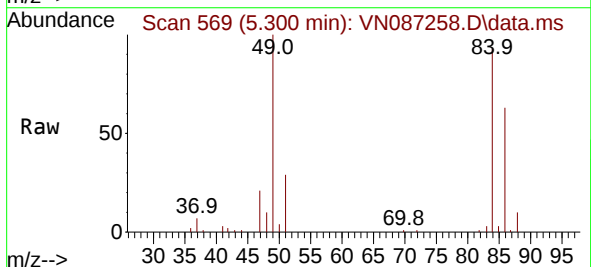
Manual Integrations
APPROVED

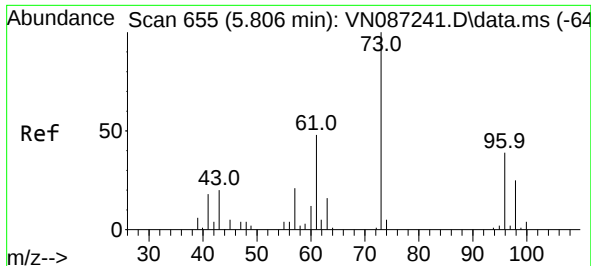
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#20
Methylene Chloride
Concen: 47.850 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

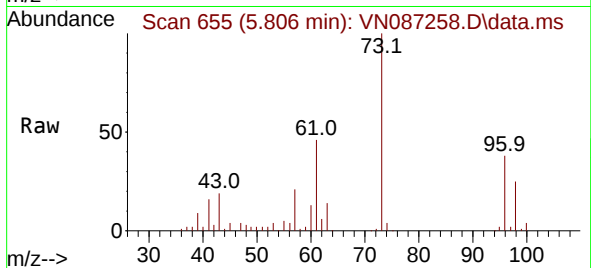
Tgt Ion: 84 Resp: 108699
Ion Ratio Lower Upper
84 100
49 107.0 82.1 123.1
51 31.5 23.5 35.3
86 67.1 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 47.467 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

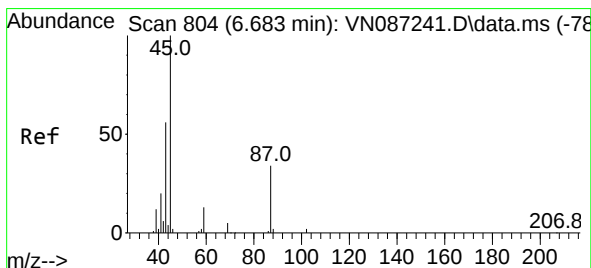
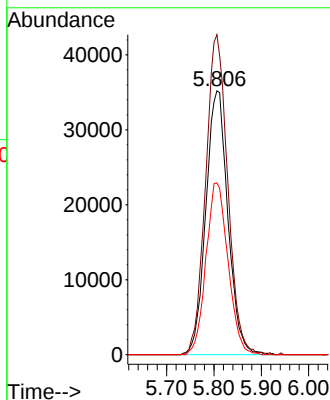
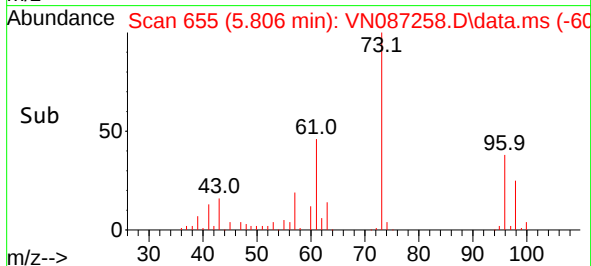
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



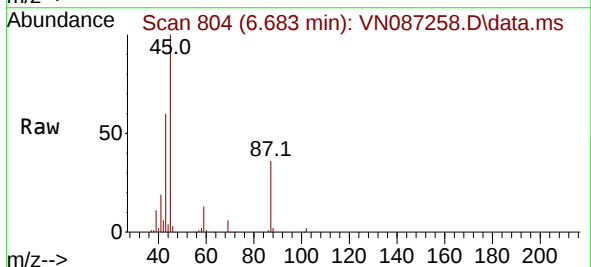
Tgt Ion: 96 Resp: 113984
Ion Ratio Lower Upper
96 100
61 121.3 98.2 147.2
98 65.1 50.0 75.0

Manual Integrations
APPROVED

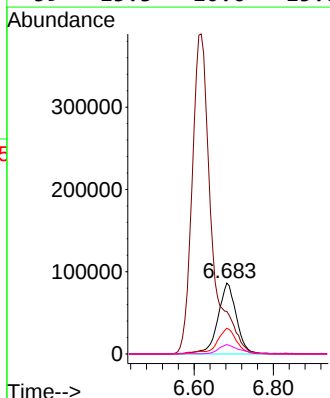
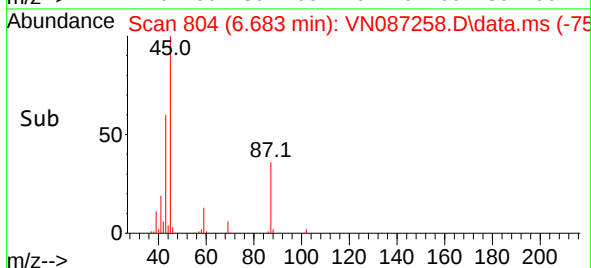
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

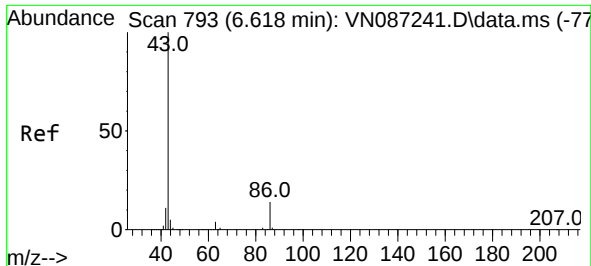


#22
Diisopropyl ether
Concen: 47.580 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



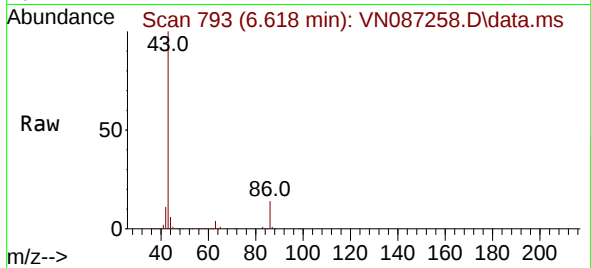
Tgt Ion: 45 Resp: 277449
Ion Ratio Lower Upper
45 100
43 59.3 50.1 75.1
87 36.3 27.5 41.3
59 13.3 10.6 15.8





#23
 Vinyl Acetate
 Concen: 241.650 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087258.D
 Acq: 01 Jul 2025 16:10

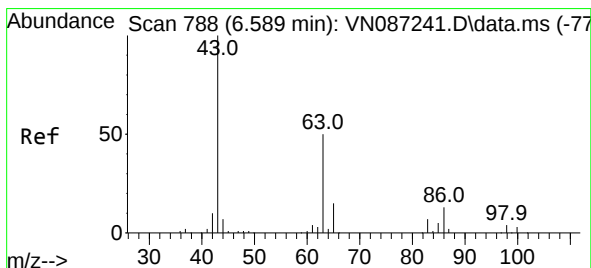
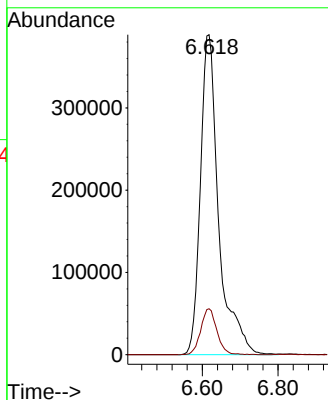
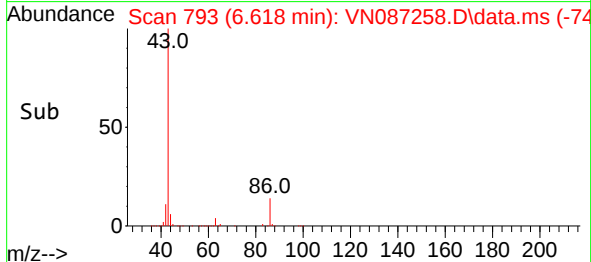
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



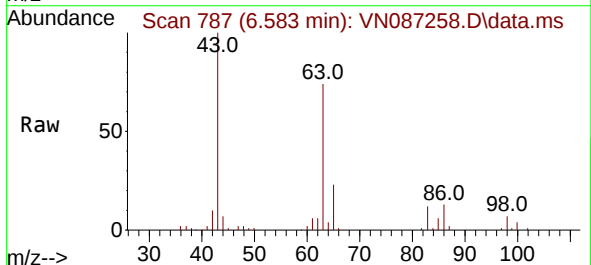
Tgt Ion: 43 Resp: 130318
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.0 16.4

Manual Integrations
 APPROVED

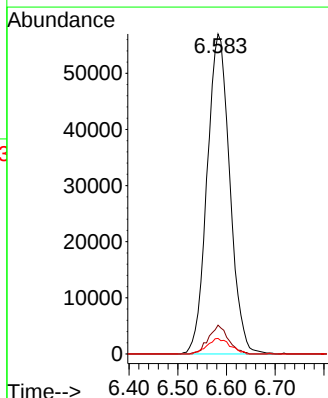
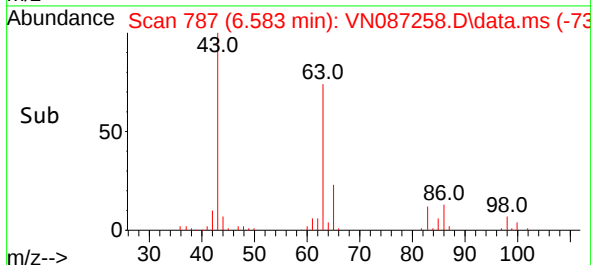
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

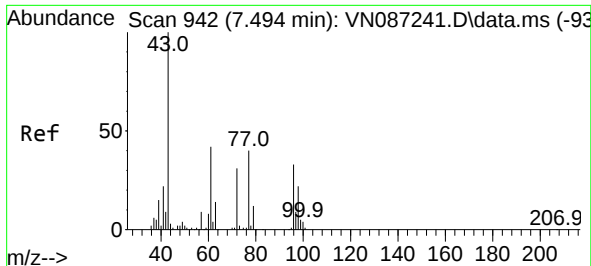


#24
 1,1-Dichloroethane
 Concen: 48.226 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087258.D
 Acq: 01 Jul 2025 16:10



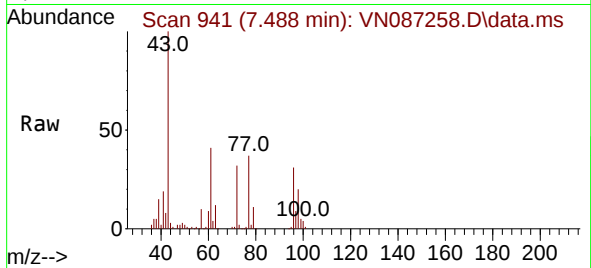
Tgt Ion: 63 Resp: 184252
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.5 10.6
 100 4.9 2.7 8.1





#25
2-Butanone
Concen: 243.187 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

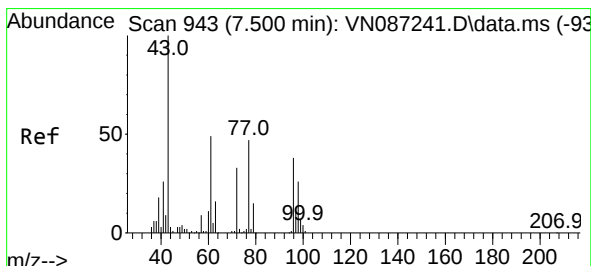
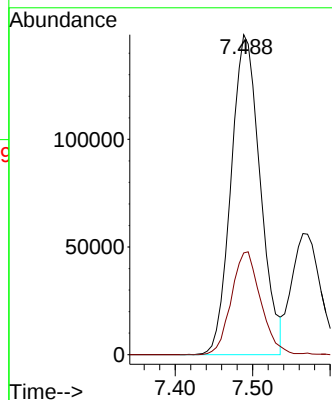
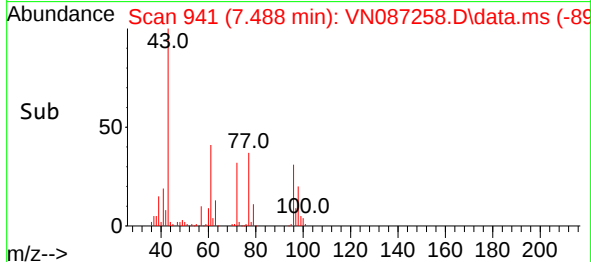
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 389725
Ion Ratio Lower Upper
43 100
72 31.8 24.8 37.2

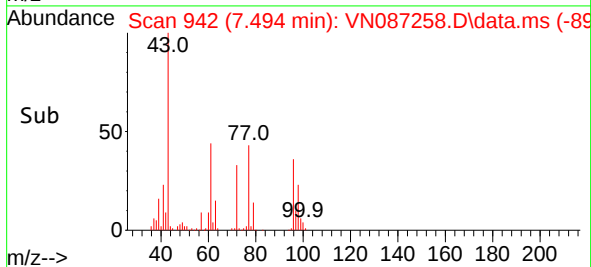
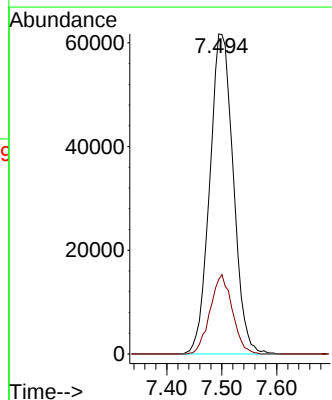
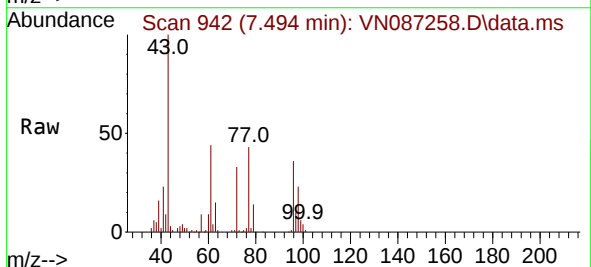
Manual Integrations
APPROVED

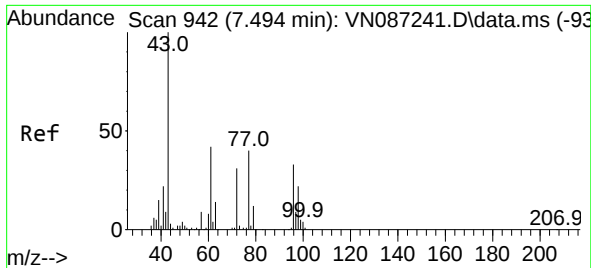
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#26
2,2-Dichloropropane
Concen: 50.326 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

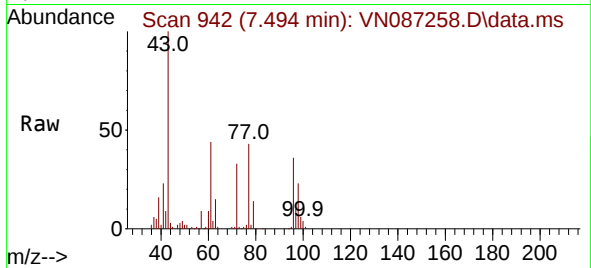
Tgt Ion: 77 Resp: 183988
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.3





#27
cis-1,2-Dichloroethene
Concen: 48.802 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

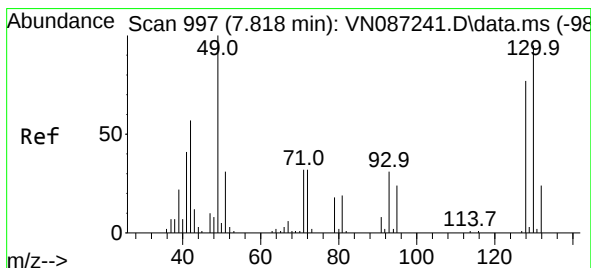
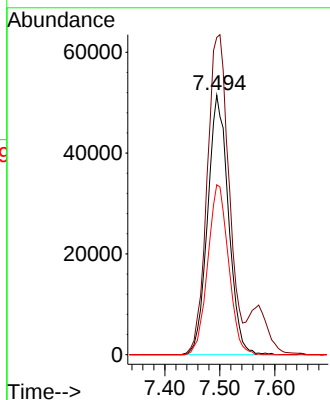
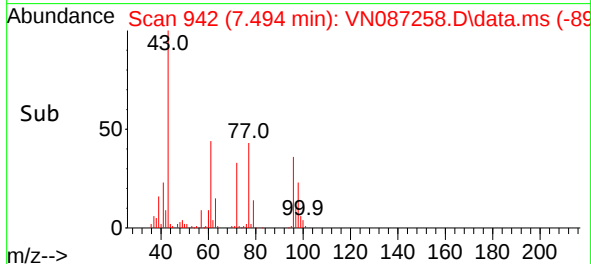
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 13533
Ion Ratio Lower Upper
96 100
61 130.7 0.0 258.8
98 65.4 0.0 130.8

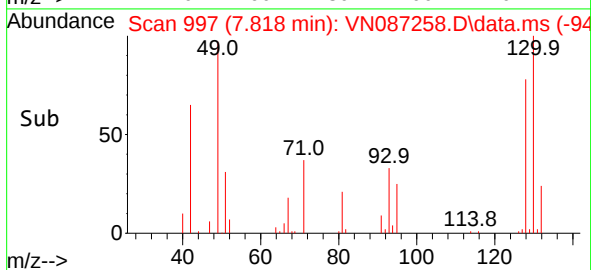
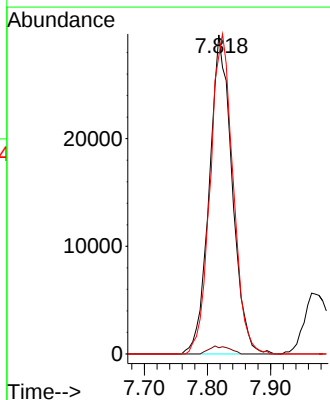
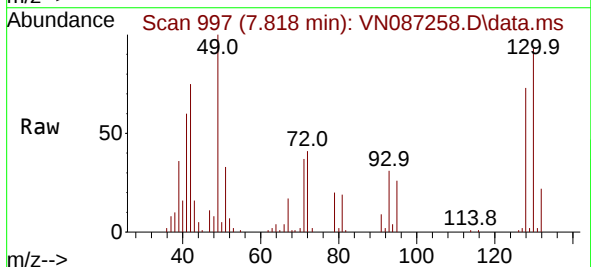
Manual Integrations
APPROVED

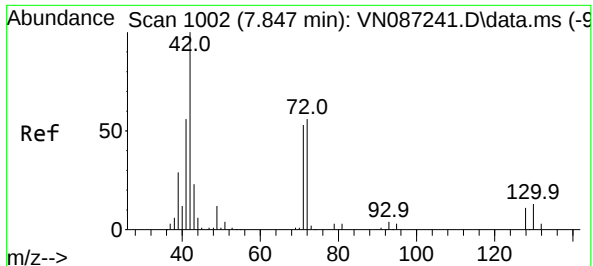
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#28
Bromochloromethane
Concen: 44.108 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

Tgt Ion: 49 Resp: 74382
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 100.2 78.4 117.6





#29

Tetrahydrofuran

Concen: 241.255 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

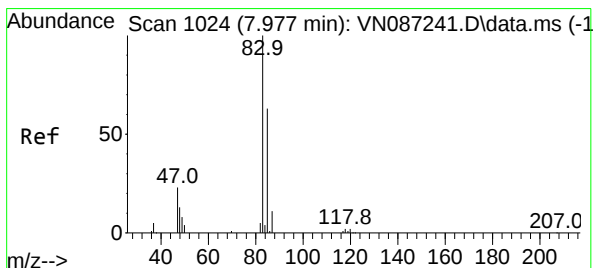
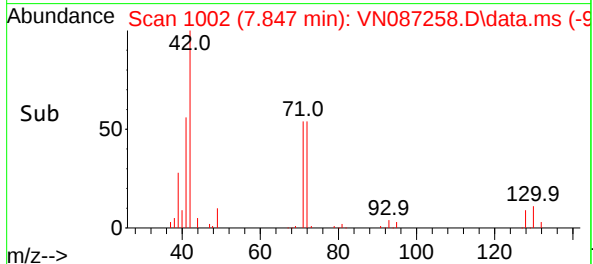
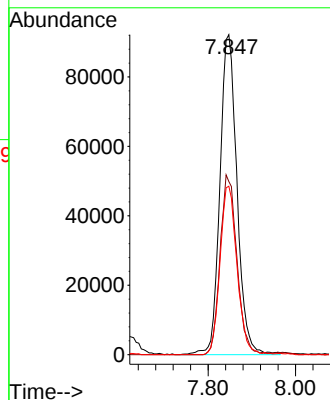
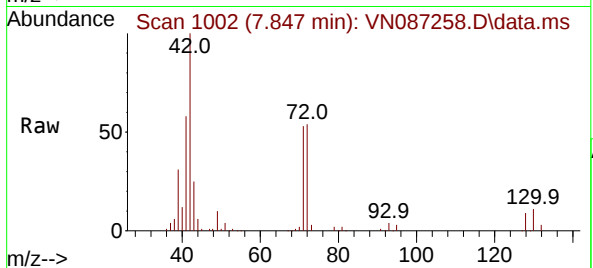
Tgt Ion:	42	Resp:	24914
Ion	Ratio	Lower	Upper
42	100		
72	55.3	44.2	66.4
71	52.1	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#30

Chloroform

Concen: 48.955 ug/l

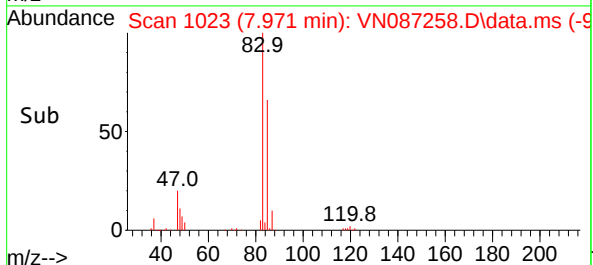
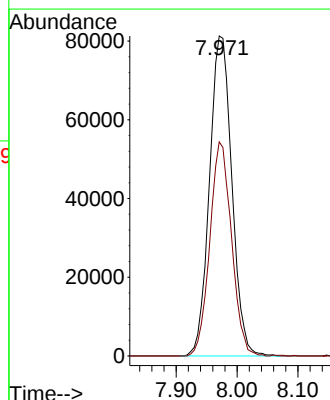
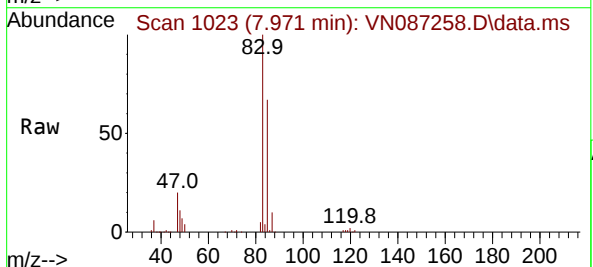
RT: 7.971 min Scan# 1023

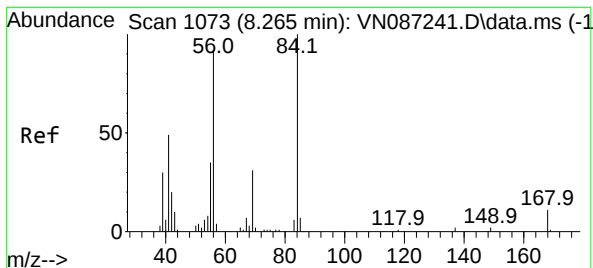
Delta R.T. -0.006 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

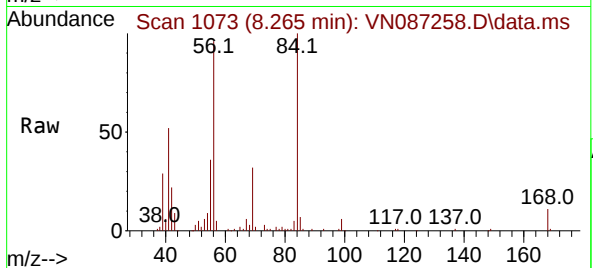
Tgt Ion:	83	Resp:	207310
Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.3	75.5





#31
Cyclohexane
Concen: 44.653 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

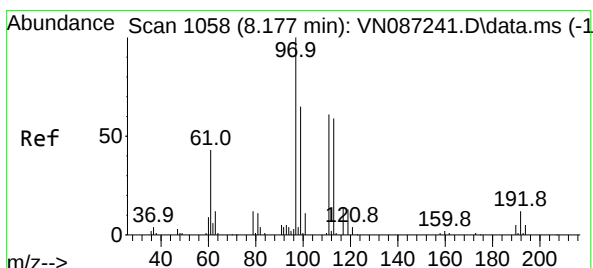
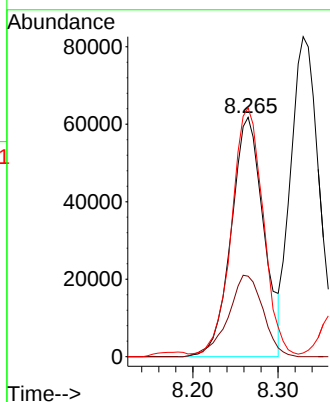
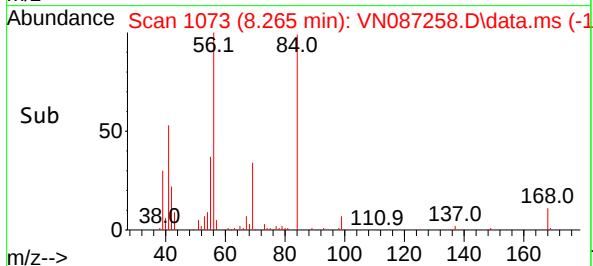
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



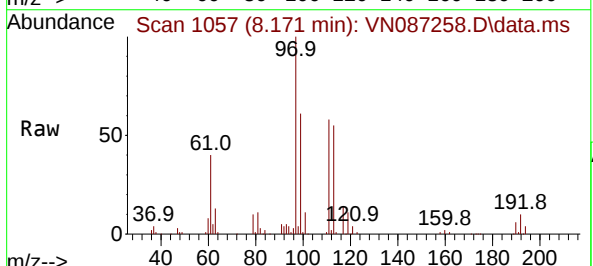
Tgt Ion: 56 Resp: 163110
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.6
84 102.1 86.2 129.4

Manual Integrations
APPROVED

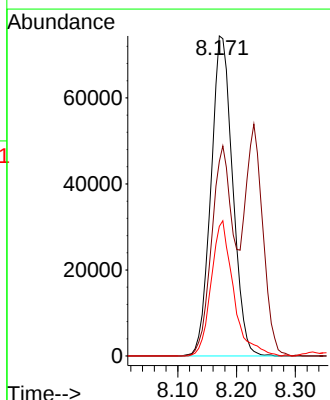
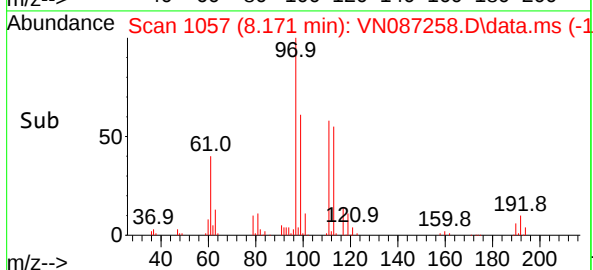
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

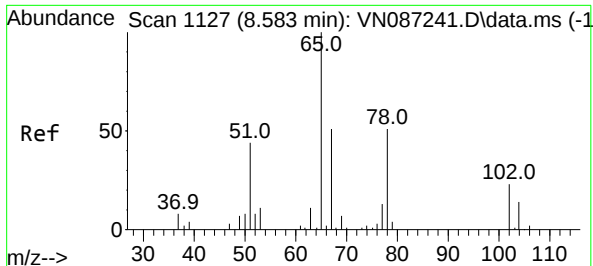


#32
1,1,1-Trichloroethane
Concen: 48.413 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



Tgt Ion: 97 Resp: 190928
Ion Ratio Lower Upper
97 100
99 67.1 49.5 74.3
61 43.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.949 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 123248

Ion Ratio Lower Upper

65 100

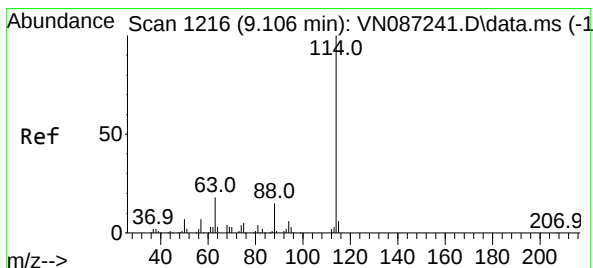
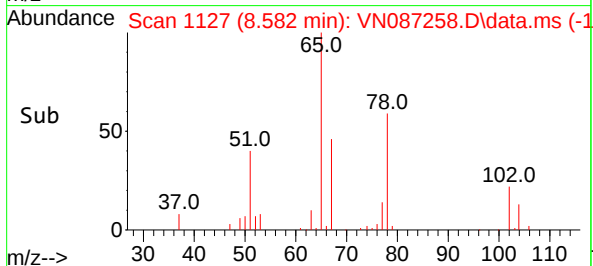
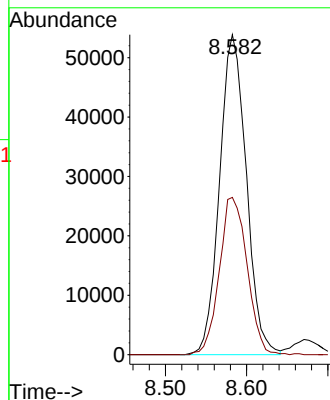
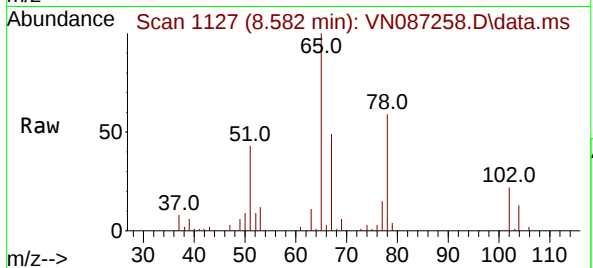
67 51.0 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

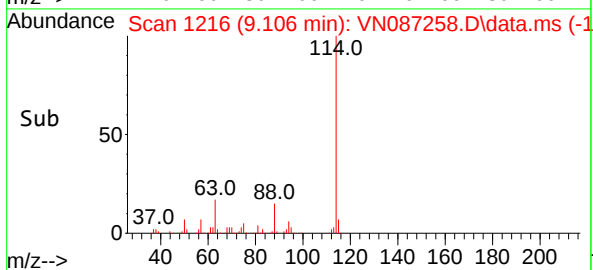
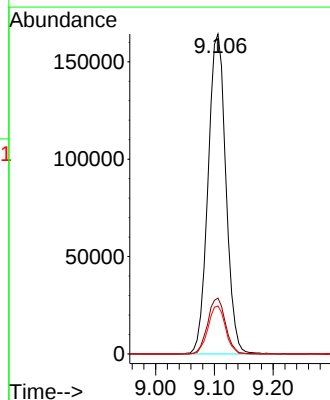
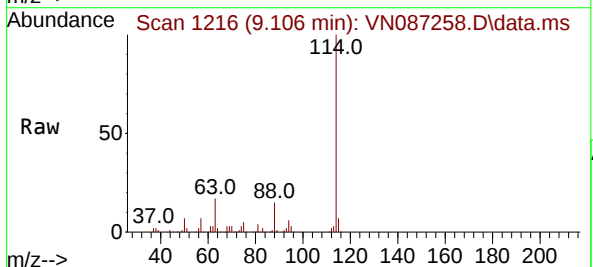
Tgt Ion:114 Resp: 345283

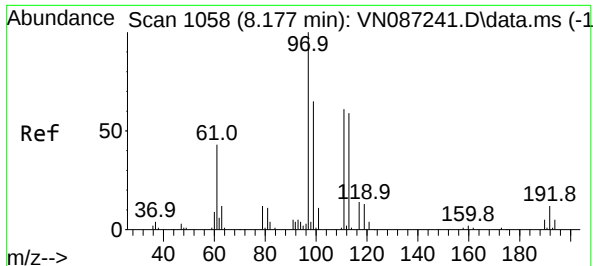
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 15.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 46.581 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087258.D

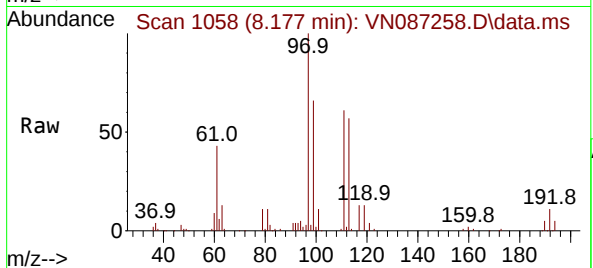
Acq: 01 Jul 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



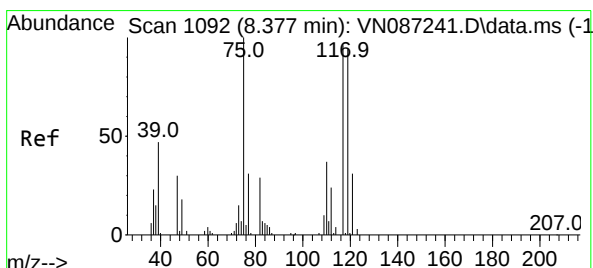
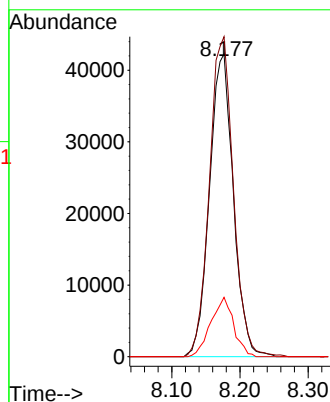
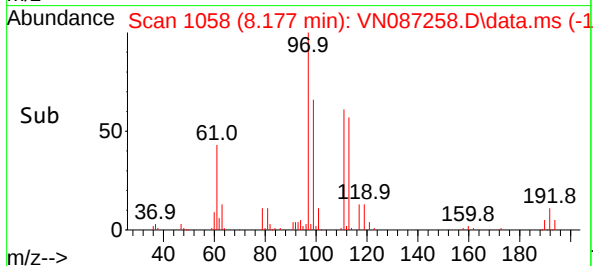
Tgt Ion:	113	Resp:	102984
Ion Ratio	Lower	Upper	
113	100		
111	106.2	81.4	122.2
192	18.8	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#36

1,1-Dichloropropene

Concen: 48.571 ug/l

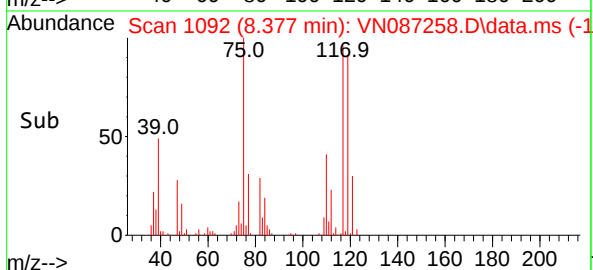
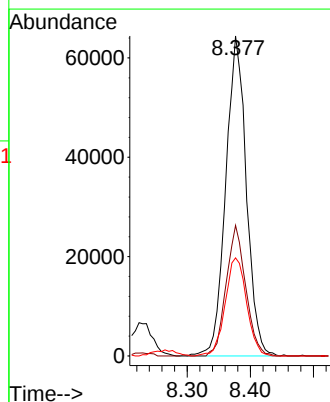
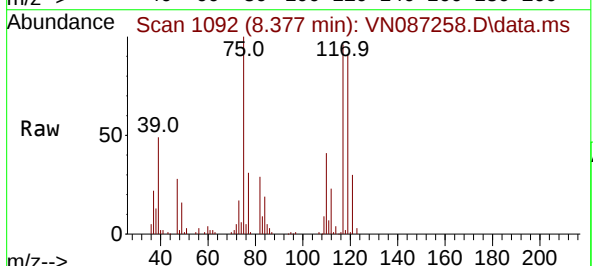
RT: 8.377 min Scan# 1092

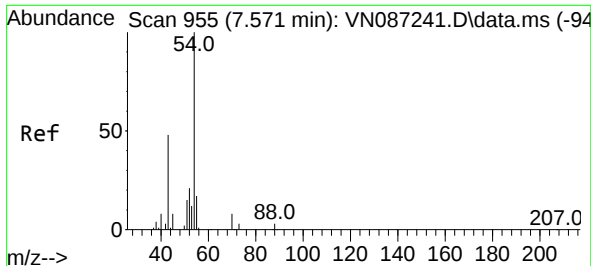
Delta R.T. -0.000 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

Tgt Ion:	75	Resp:	146029
Ion Ratio	Lower	Upper	
75	100		
110	38.7	18.7	56.1
77	31.9	24.5	36.7





#37

Ethyl Acetate

Concen: 46.196 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087258.D

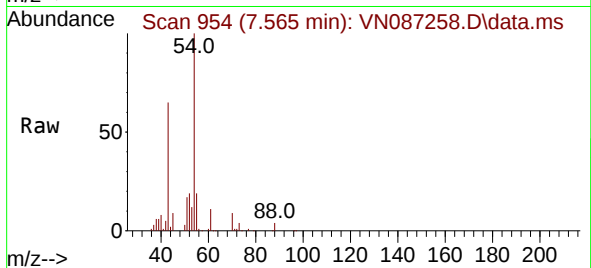
Acq: 01 Jul 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 149300

Ion Ratio Lower Upper

43 100

61 15.3 11.3 16.9

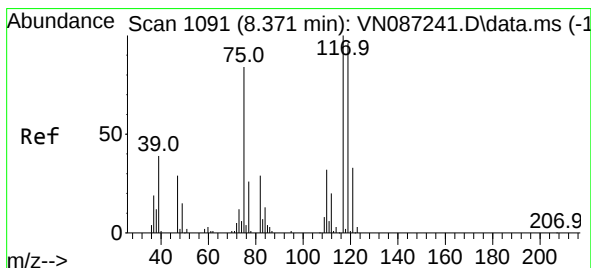
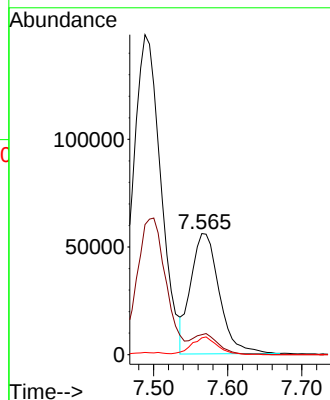
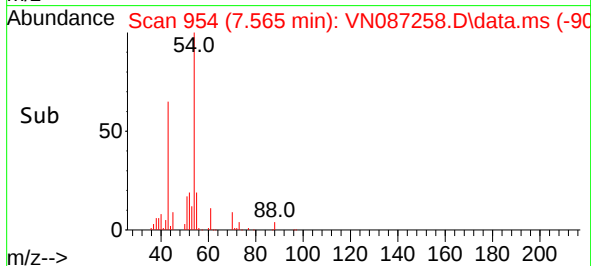
70 12.9 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#38

Carbon Tetrachloride

Concen: 49.810 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

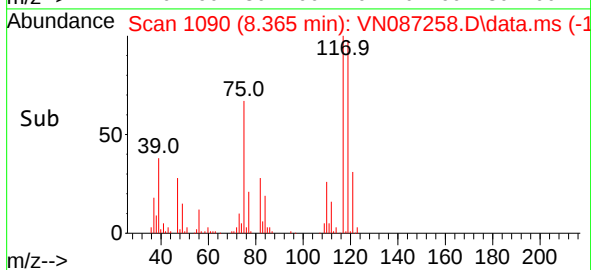
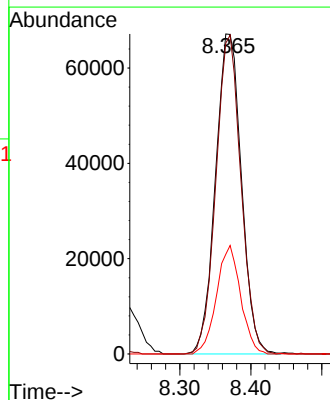
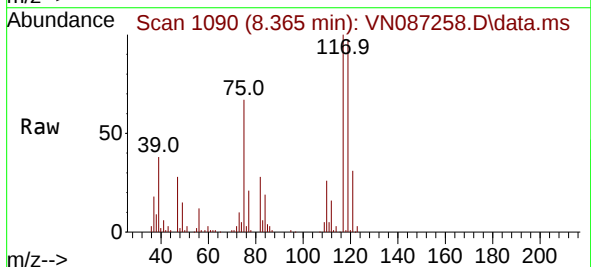
Tgt Ion:117 Resp: 169690

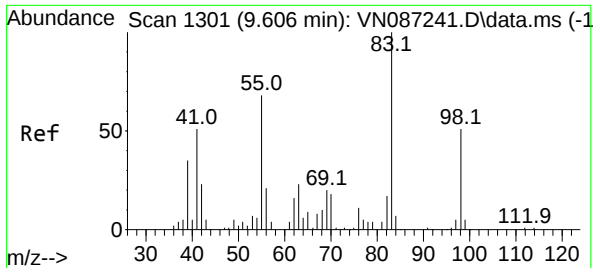
Ion Ratio Lower Upper

117 100

119 97.2 77.2 115.8

121 31.2 26.6 39.8





#39
Methylcyclohexane
Concen: 49.069 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

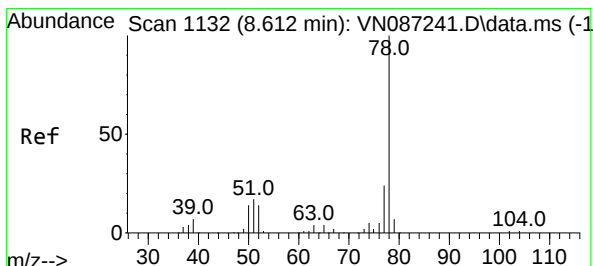
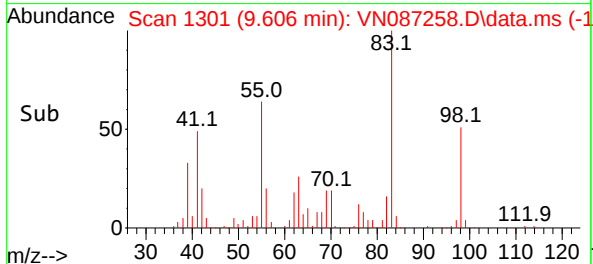
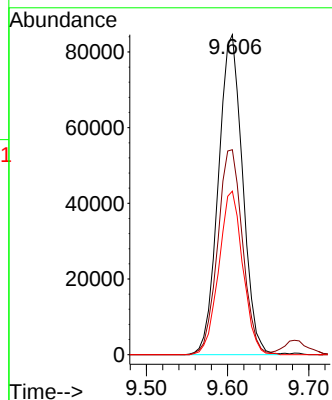
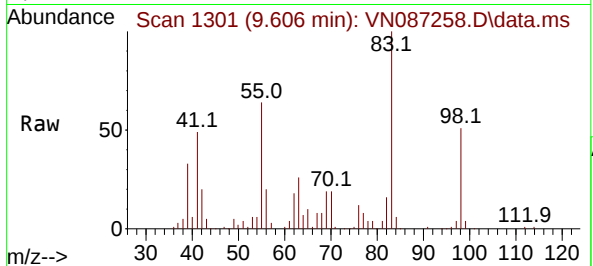
Tgt Ion: 83 Resp: 17568
Ion Ratio Lower Upper
83 100
55 64.1 54.6 81.8
98 51.1 41.2 61.8

Manual Integrations

APPROVED

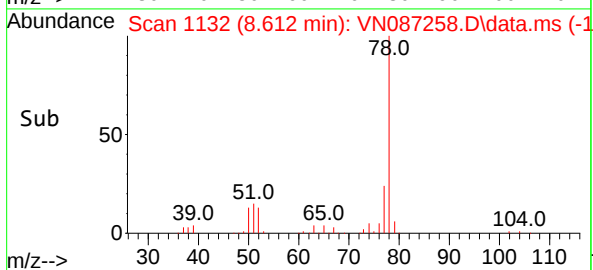
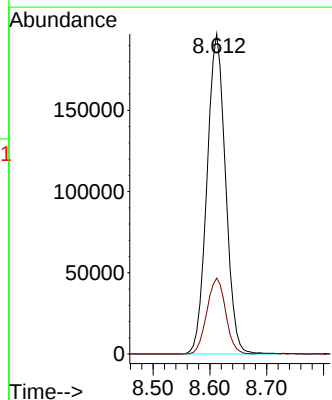
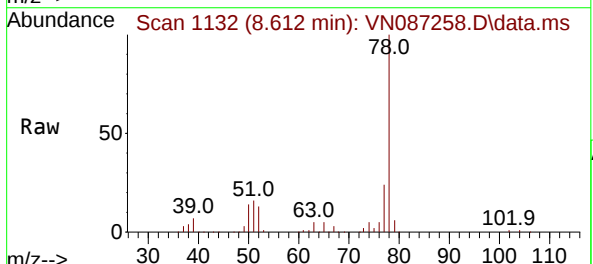
Reviewed By :John Carlone 07/03/2025

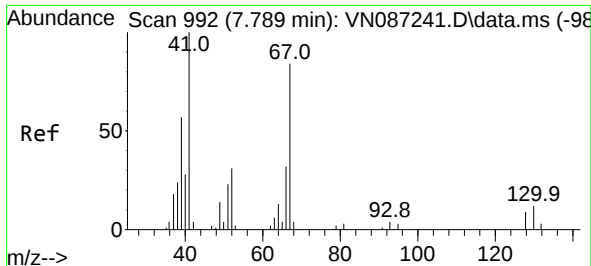
Supervised By :Mahesh Dadoda 07/03/2025



#40
Benzene
Concen: 47.840 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

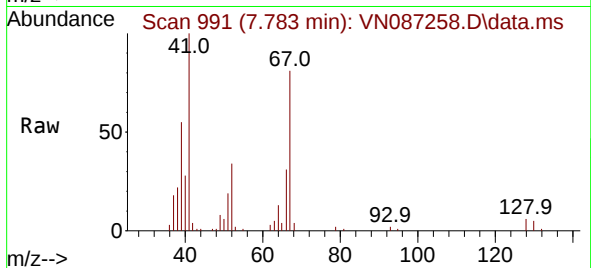
Tgt Ion: 78 Resp: 445607
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3





#41
Methacrylonitrile
Concen: 48.604 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

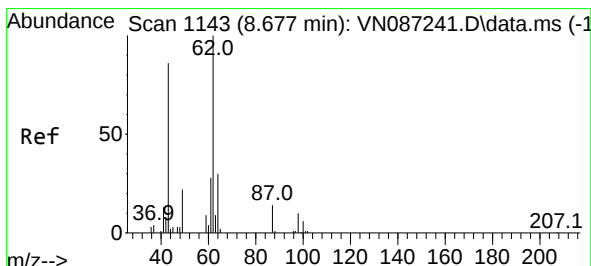
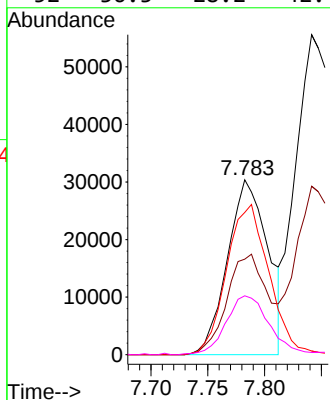
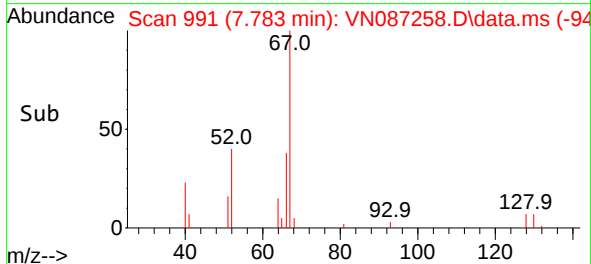
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



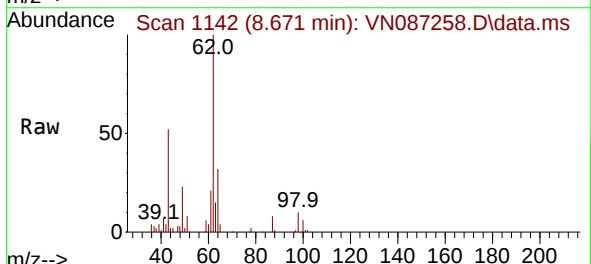
Tgt Ion: 41	Resp: 75109
Ion Ratio	Lower Upper
41 100	
39 58.6	46.4 69.6
67 90.6	70.8 106.2
52 36.3	28.2 42.4

Manual Integrations
APPROVED

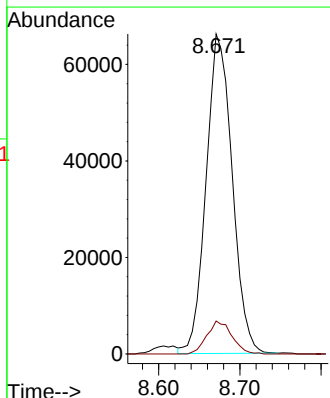
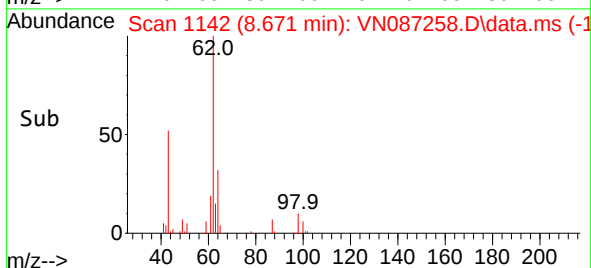
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

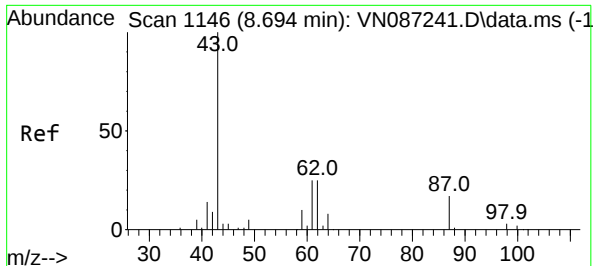


#42
1,2-Dichloroethane
Concen: 47.719 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



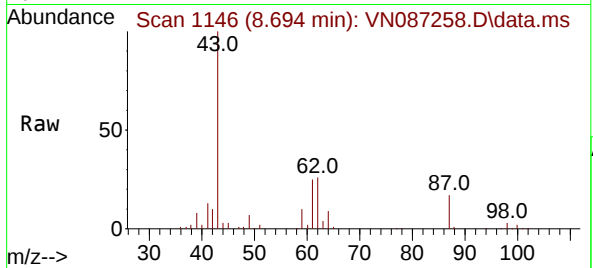
Tgt Ion: 62	Resp: 147814
Ion Ratio	Lower Upper
62 100	
98 9.9	0.0 19.8





#43
Isopropyl Acetate
Concen: 47.777 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

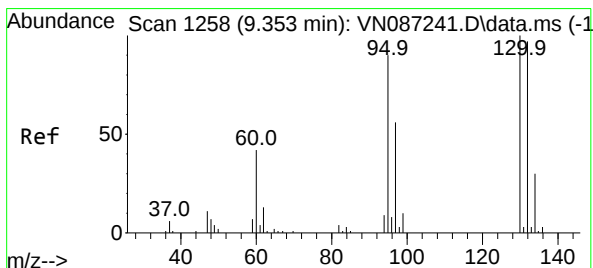
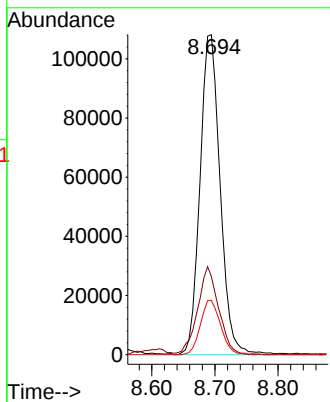
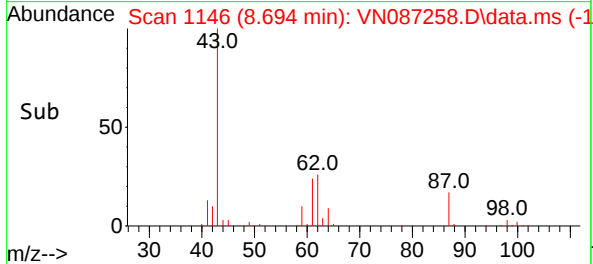
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



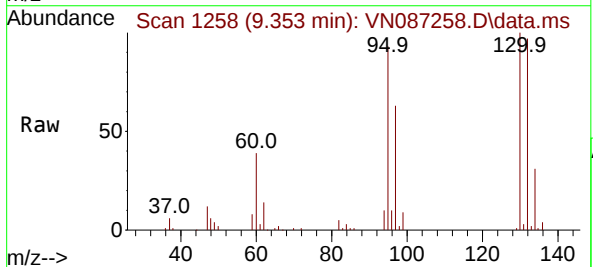
Tgt Ion: 43 Resp: 23946
Ion Ratio Lower Upper
43 100
61 28.7 22.4 33.6
87 17.0 12.8 19.2

Manual Integrations
APPROVED

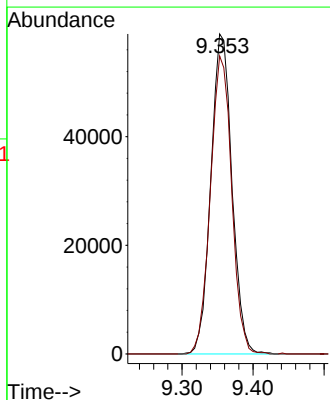
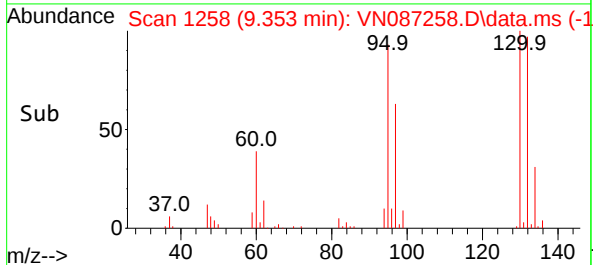
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

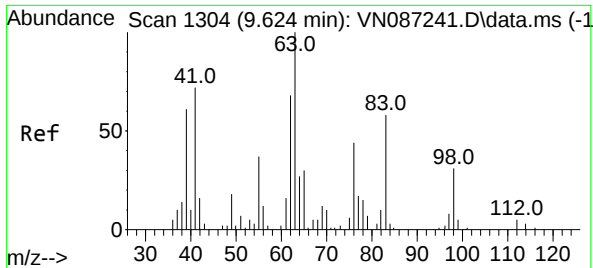


#44
Trichloroethene
Concen: 49.147 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



Tgt Ion:130 Resp: 121641
Ion Ratio Lower Upper
130 100
95 93.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.569 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10066

Ion Ratio Lower Upper

63 100

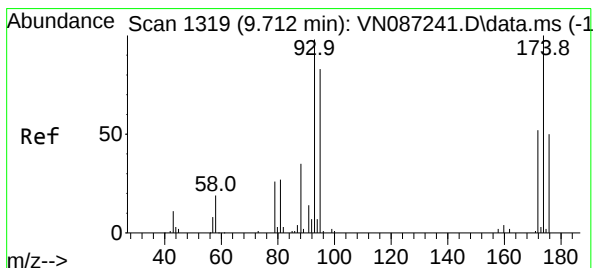
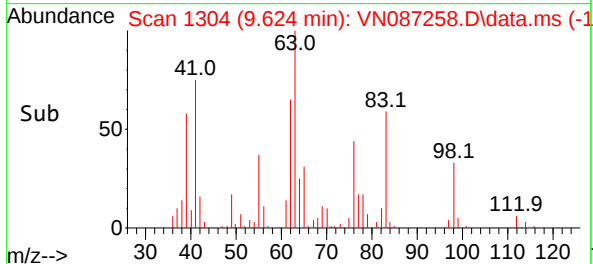
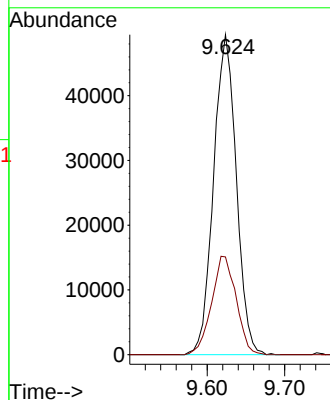
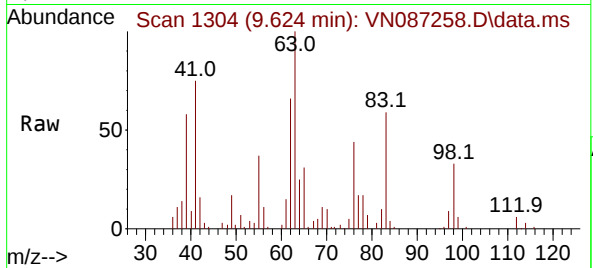
65 30.6 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#46

Dibromomethane

Concen: 49.055 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

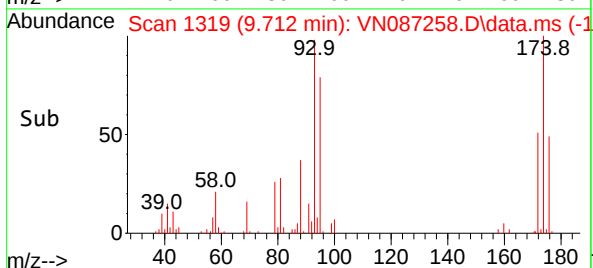
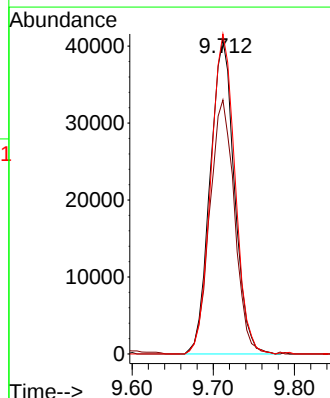
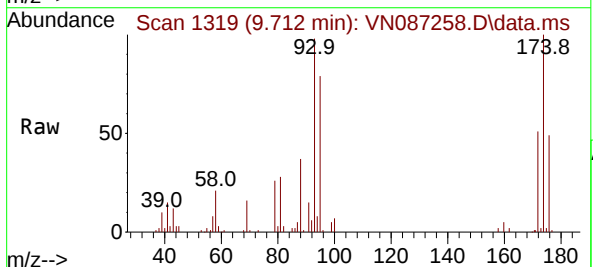
Tgt Ion: 93 Resp: 84752

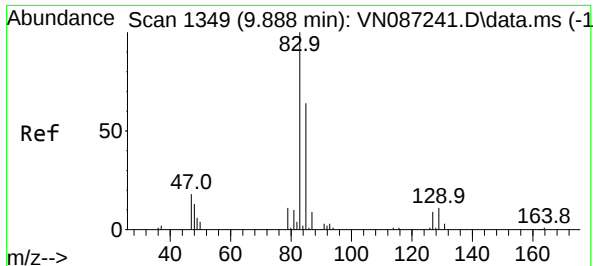
Ion Ratio Lower Upper

93 100

95 82.4 66.1 99.1

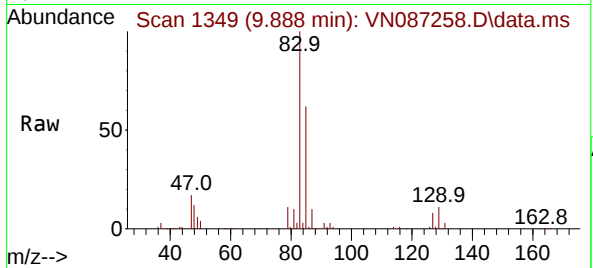
174 101.4 81.8 122.6





#47
Bromodichloromethane
Concen: 50.357 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

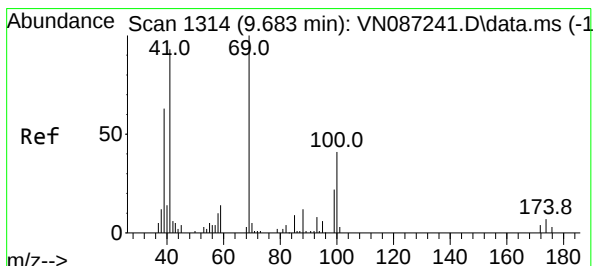
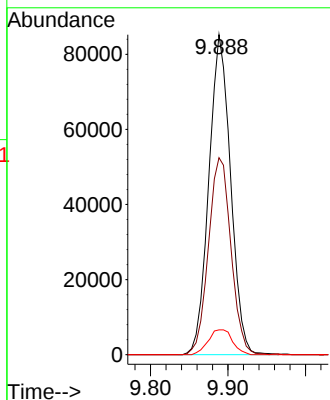
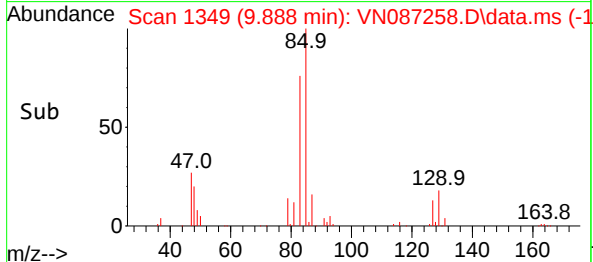
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



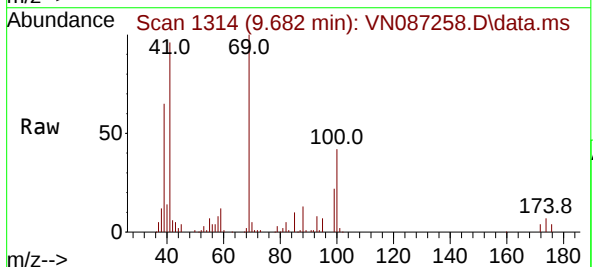
Tgt Ion: 83 Resp: 165929
Ion Ratio Lower Upper
83 100
85 61.5 51.2 76.8
127 7.7 7.0 10.4

Manual Integrations
APPROVED

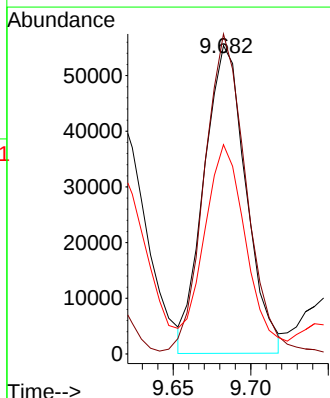
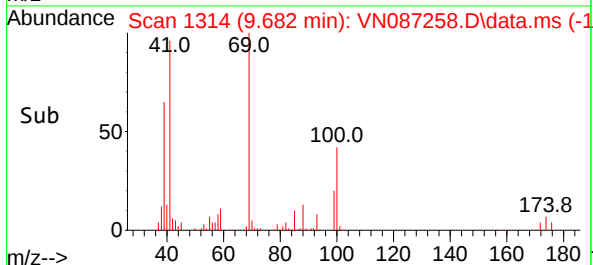
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

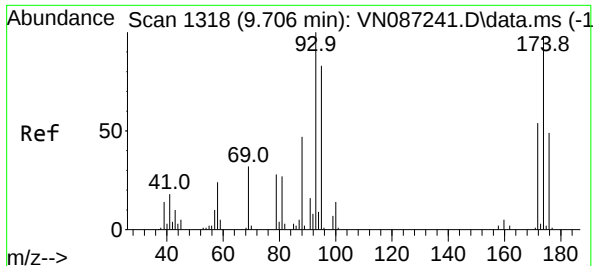


#48
Methyl methacrylate
Concen: 49.338 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



Tgt Ion: 41 Resp: 104225
Ion Ratio Lower Upper
41 100
69 103.2 81.4 122.2
39 68.1 56.9 85.3





#49

1,4-Dioxane

Concen: 1053.614 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4639

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

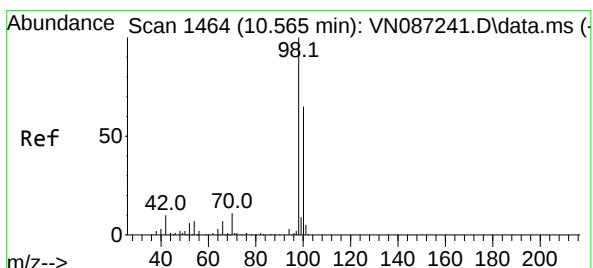
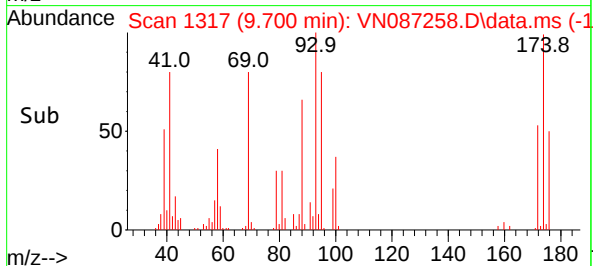
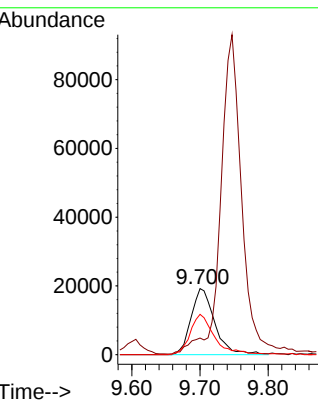
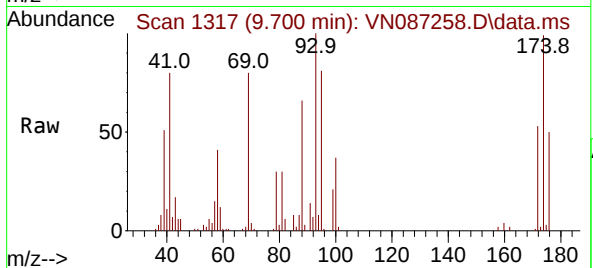
58 62.6 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#50

Toluene-d8

Concen: 46.589 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087258.D

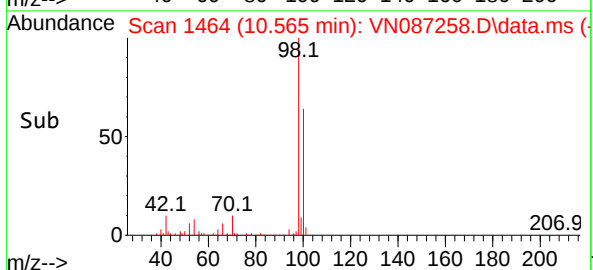
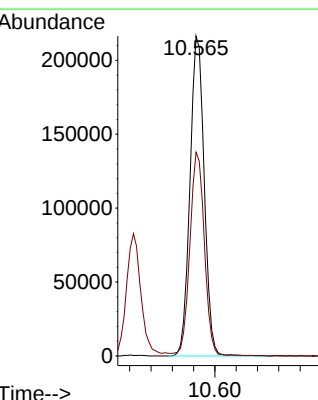
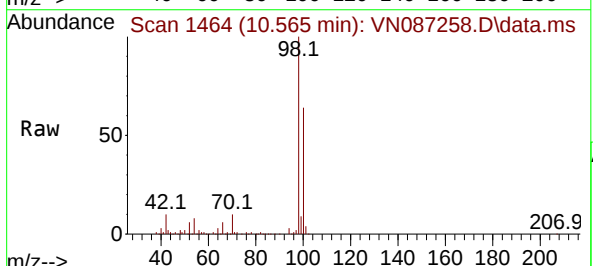
Acq: 01 Jul 2025 16:10

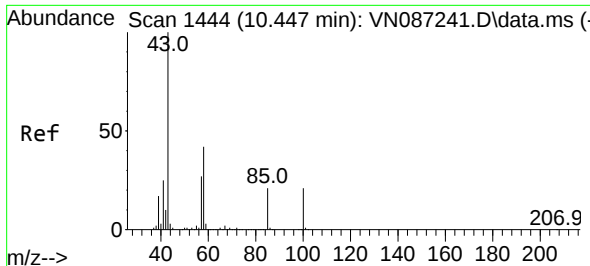
Tgt Ion: 98 Resp: 401479

Ion Ratio Lower Upper

98 100

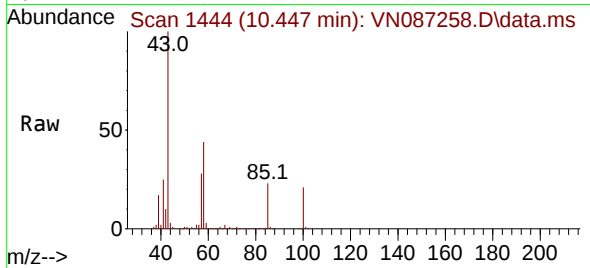
100 64.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 247.594 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

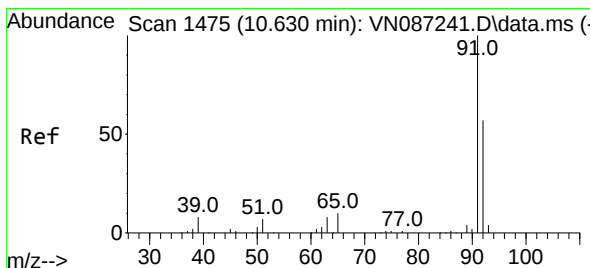
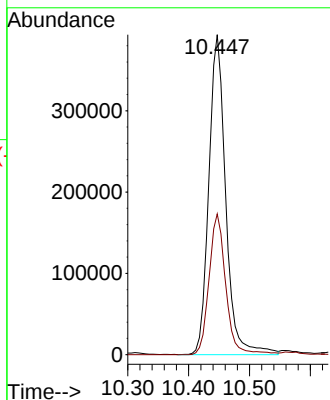
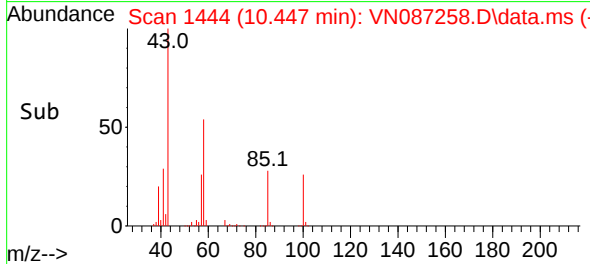
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



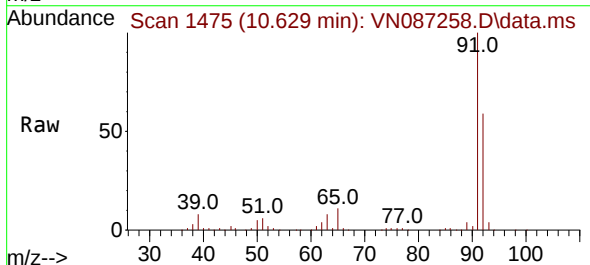
Tgt Ion: 43 Resp: 759297
Ion Ratio Lower Upper
43 100
58 43.5 34.2 51.2

Manual Integrations
APPROVED

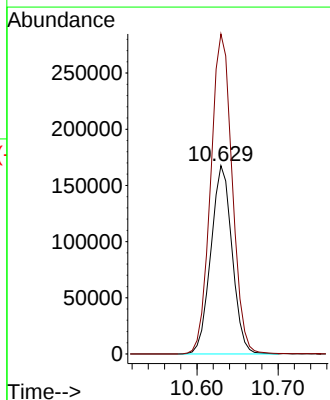
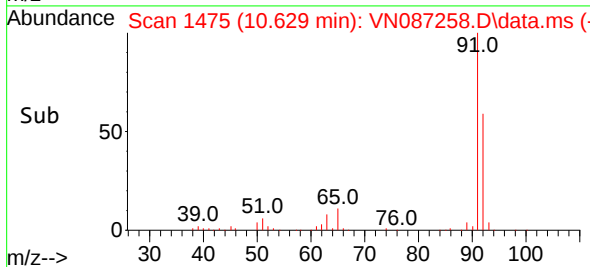
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

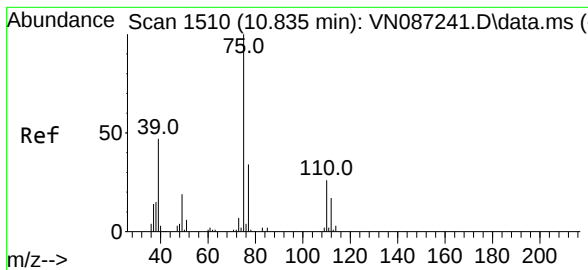


#52
Toluene
Concen: 49.752 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



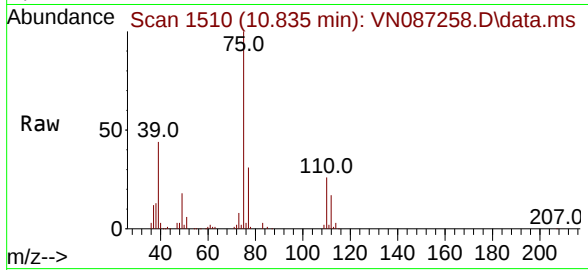
Tgt Ion: 92 Resp: 303920
Ion Ratio Lower Upper
92 100
91 172.9 137.8 206.6





#53
t-1,3-Dichloropropene
Concen: 49.154 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

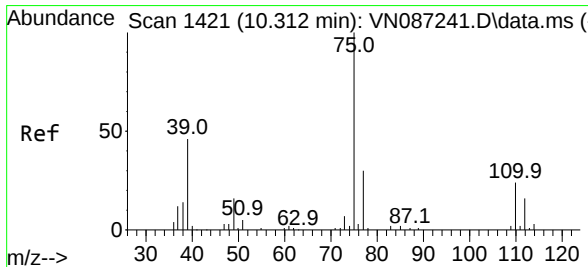
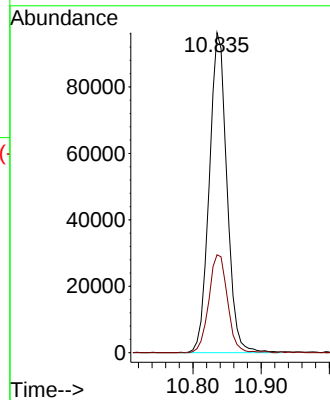
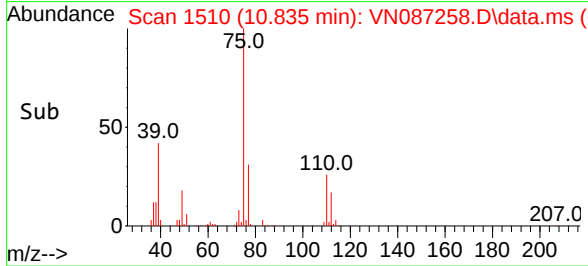
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 173719
Ion Ratio Lower Upper
75 100
77 30.4 27.1 40.7

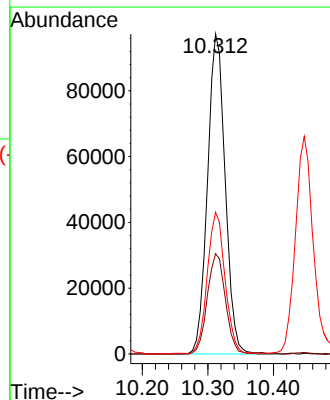
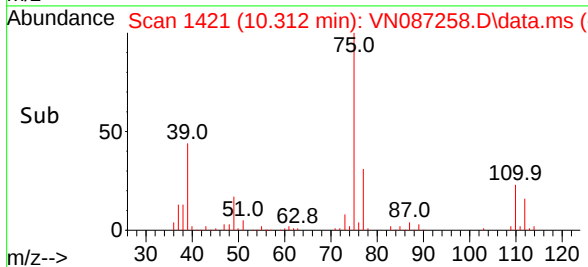
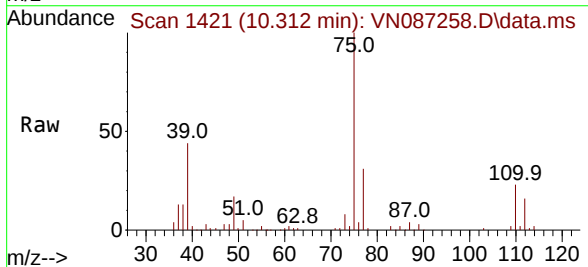
Manual Integrations
APPROVED

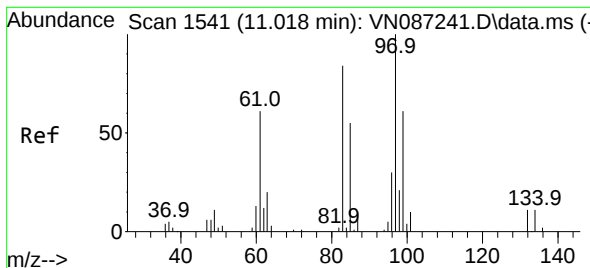
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#54
cis-1,3-Dichloropropene
Concen: 50.646 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

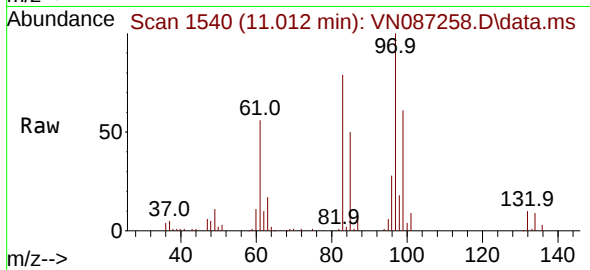
Tgt Ion: 75 Resp: 182368
Ion Ratio Lower Upper
75 100
77 31.4 24.1 36.1
39 44.1 36.7 55.1





#55
1,1,2-Trichloroethane
Concen: 48.544 ug/l
RT: 11.012 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

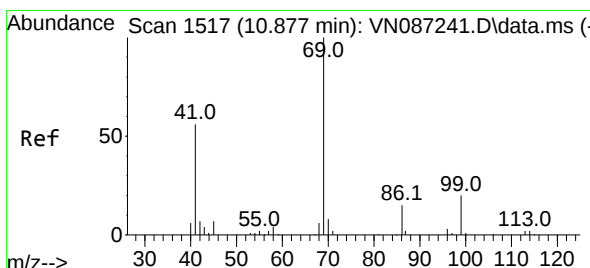
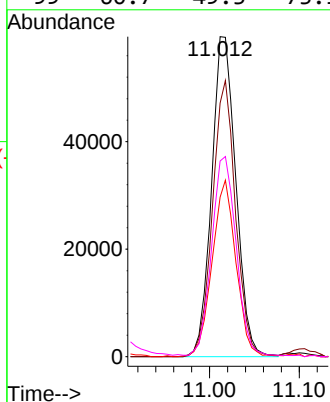
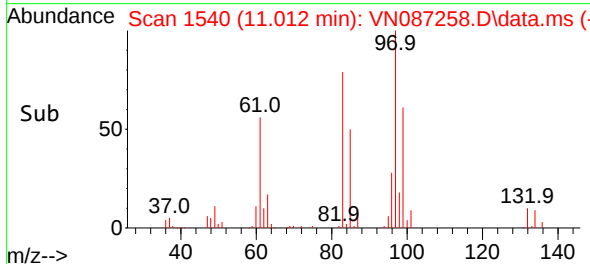
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



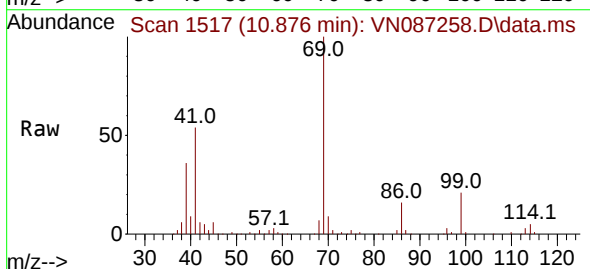
Tgt Ion: 97 Resp: 11202
Ion Ratio Lower Upper
97 100
83 79.3 67.4 101.2
85 49.8 43.6 65.4
99 60.7 49.3 73.9

Manual Integrations
APPROVED

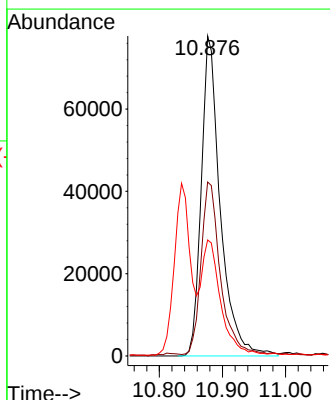
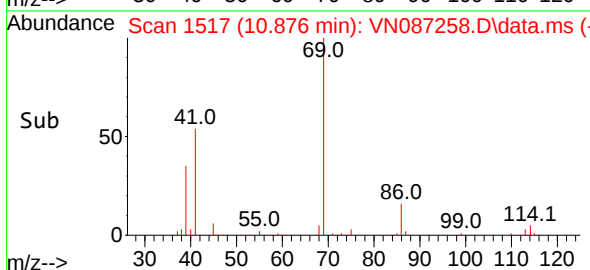
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

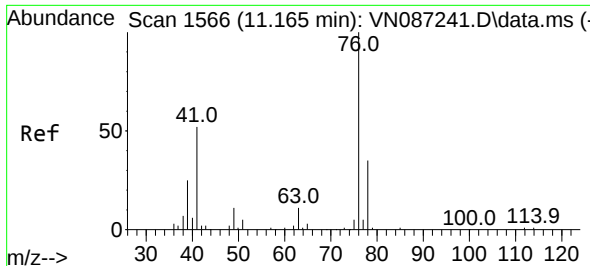


#56
Ethyl methacrylate
Concen: 48.194 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



Tgt Ion: 69 Resp: 162936
Ion Ratio Lower Upper
69 100
41 55.5 44.2 66.4
39 35.6 29.5 44.3





#57

1,3-Dichloropropane

Concen: 48.328 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 18201

Ion Ratio Lower Upper

76 100

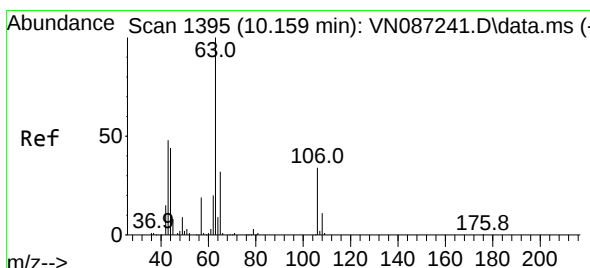
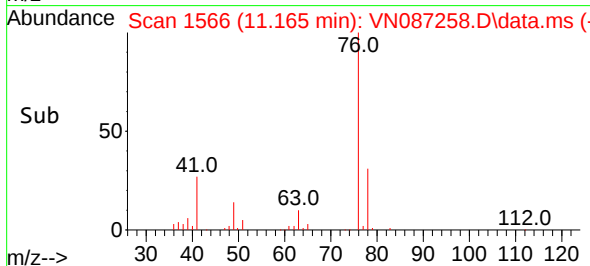
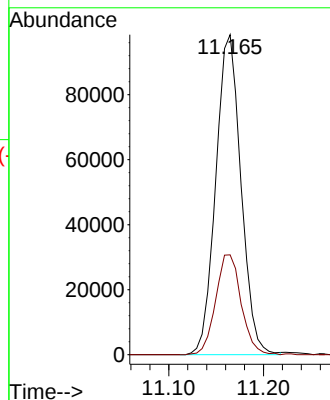
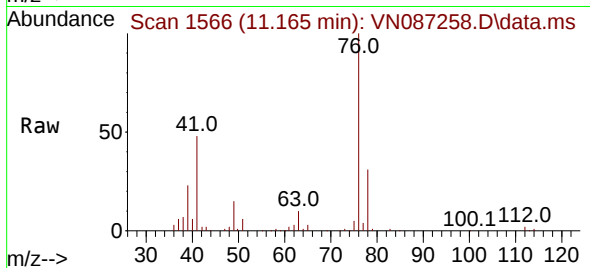
78 31.6 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 250.327 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087258.D

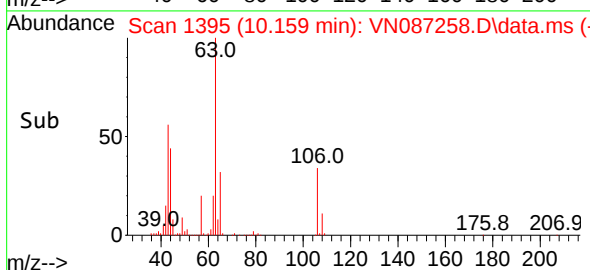
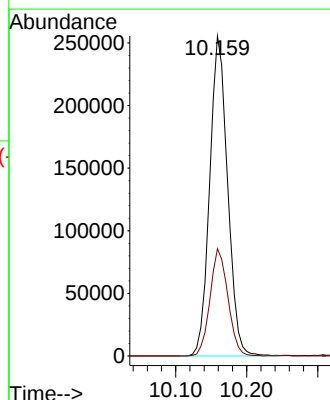
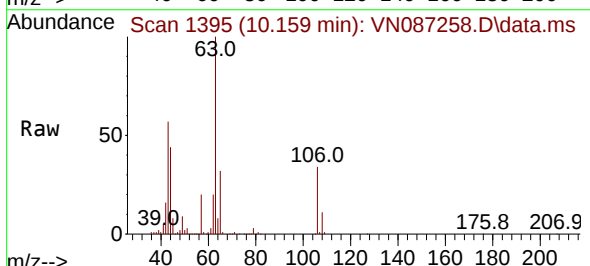
Acq: 01 Jul 2025 16:10

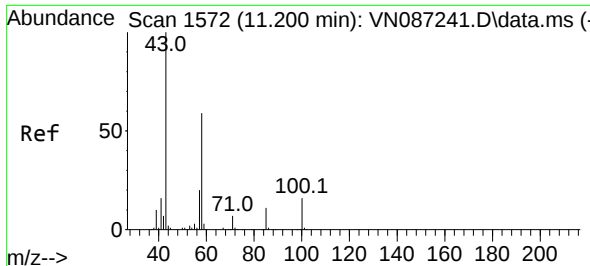
Tgt Ion: 63 Resp: 447290

Ion Ratio Lower Upper

63 100

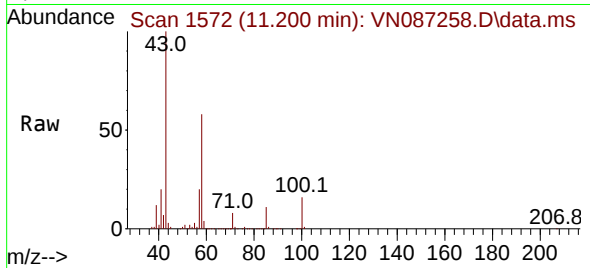
106 33.4 26.9 40.3





#59
2-Hexanone
Concen: 228.568 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

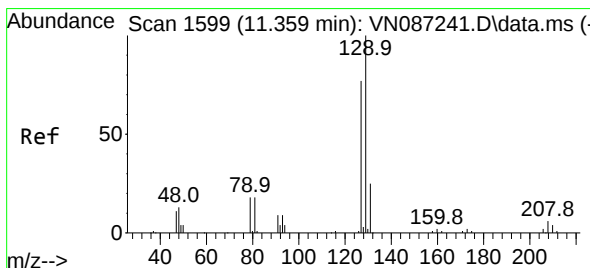
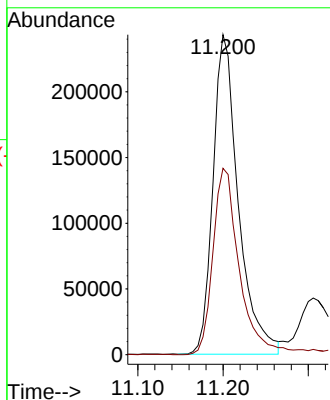
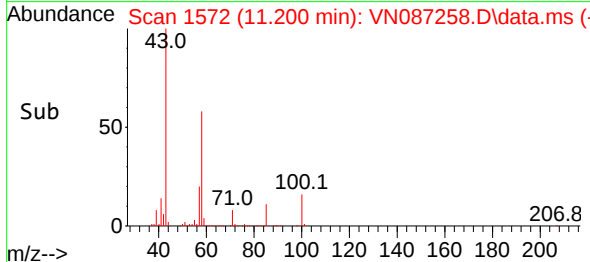
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 50209
Ion Ratio Lower Upper
43 100
58 63.8 31.1 93.3

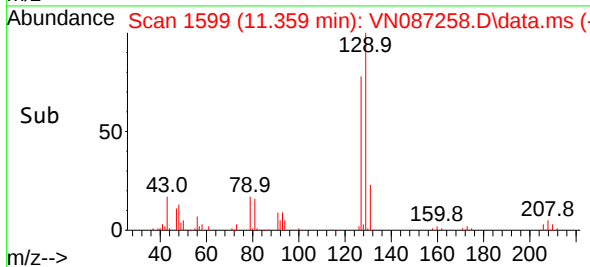
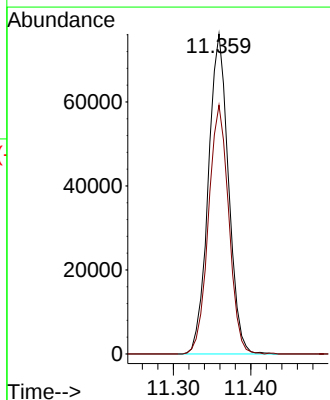
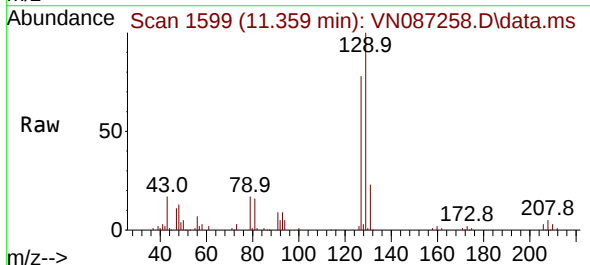
Manual Integrations
APPROVED

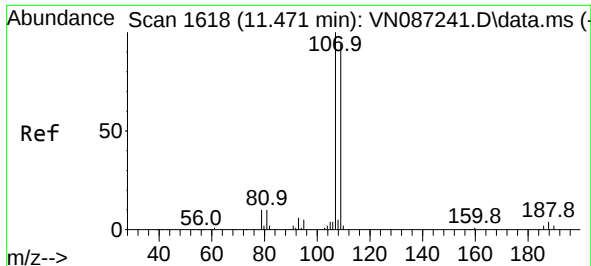
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#60
Dibromochloromethane
Concen: 50.648 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

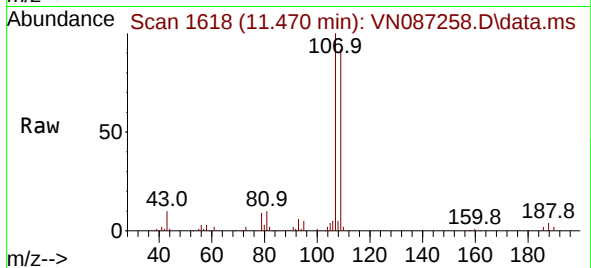
Tgt Ion:129 Resp: 137776
Ion Ratio Lower Upper
129 100
127 78.1 39.3 117.9





#61
1,2-Dibromoethane
Concen: 50.309 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

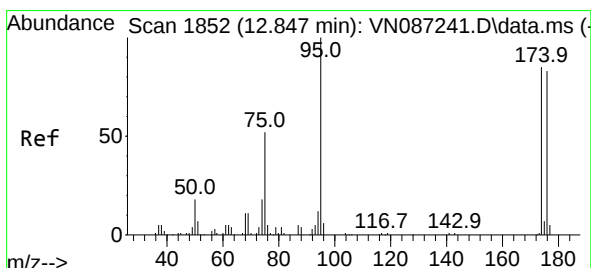
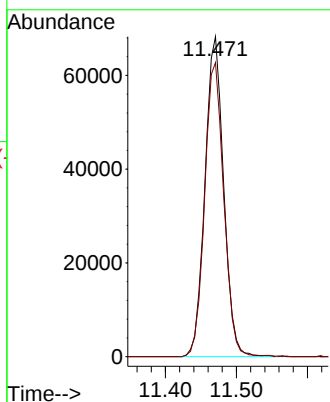
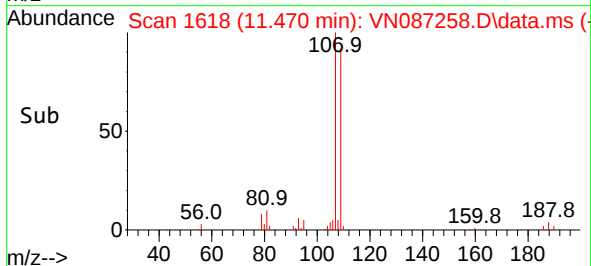
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



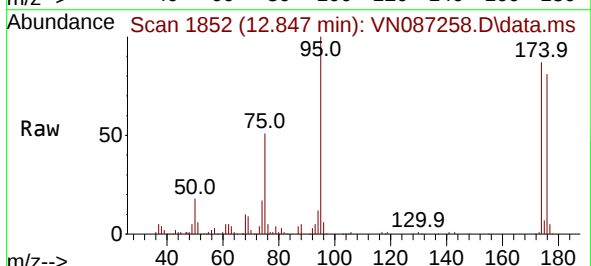
Tgt Ion:107 Resp: 124879
Ion Ratio Lower Upper
107 100
109 94.1 76.0 114.0

Manual Integrations
APPROVED

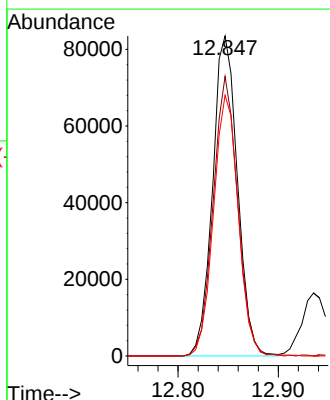
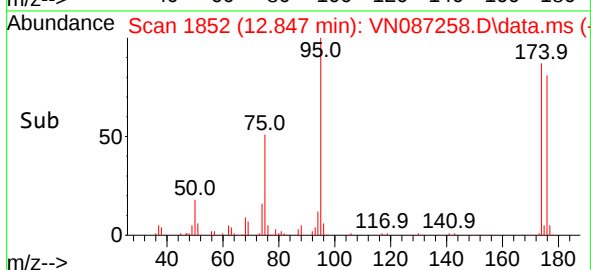
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

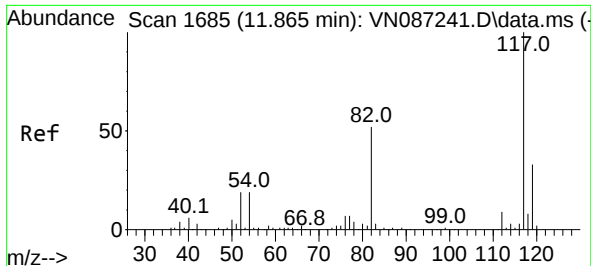


#62
4-Bromofluorobenzene
Concen: 46.815 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



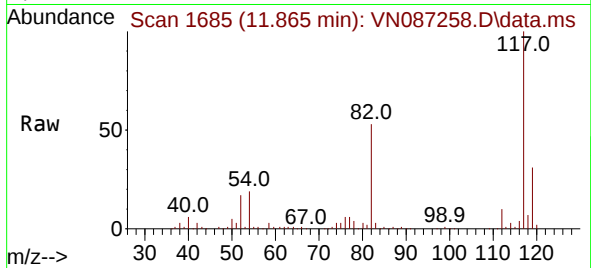
Tgt Ion: 95 Resp: 143542
Ion Ratio Lower Upper
95 100
174 86.1 0.0 169.6
176 81.0 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

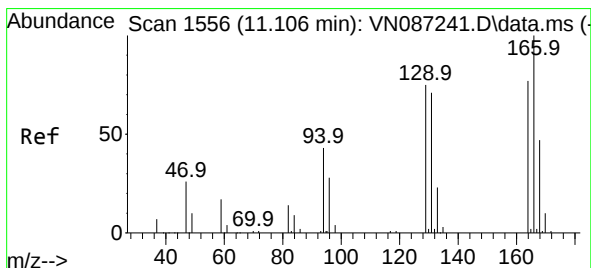
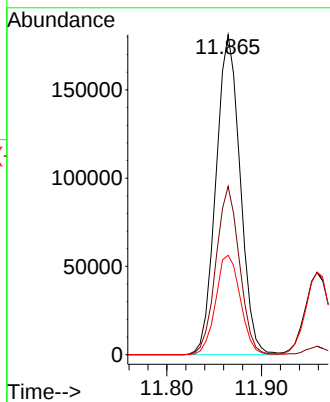
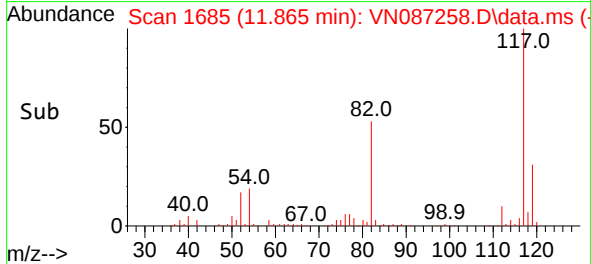
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 32173
Ion Ratio Lower Upper
117 100
82 52.6 41.9 62.9
119 31.0 26.2 39.4

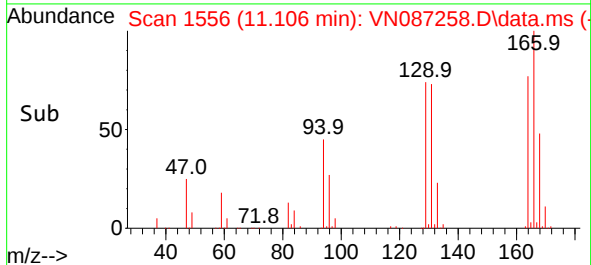
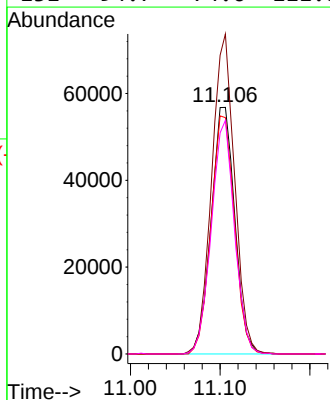
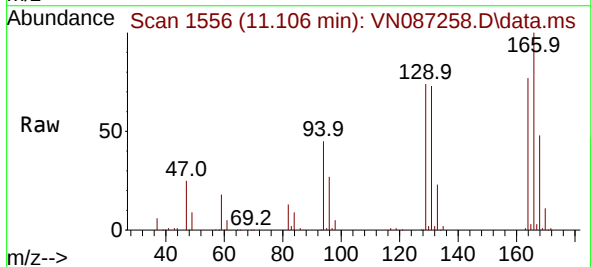
Manual Integrations
APPROVED

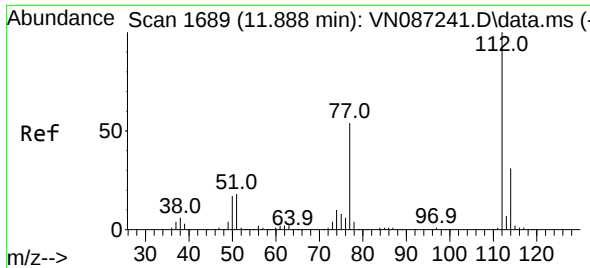
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#64
Tetrachloroethene
Concen: 48.581 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

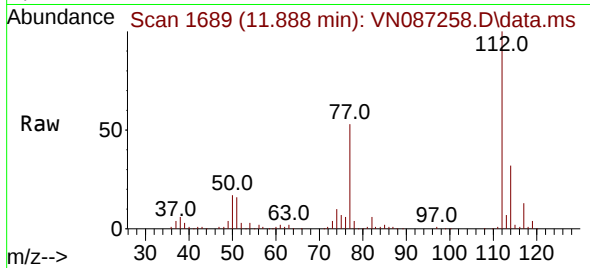
Tgt Ion:164 Resp: 104213
Ion Ratio Lower Upper
164 100
166 129.7 104.3 156.5
129 95.8 78.5 117.7
131 94.7 74.6 111.8





#65
Chlorobenzene
Concen: 49.014 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

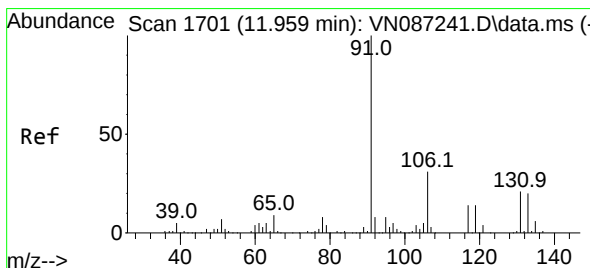
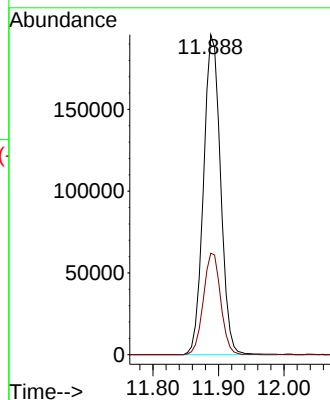
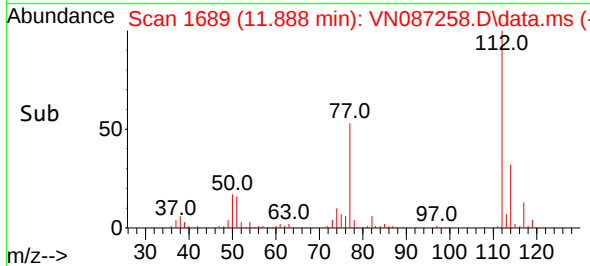
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



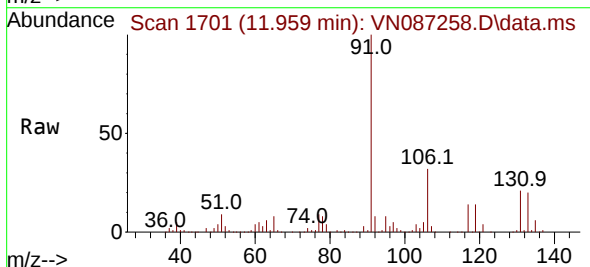
Tgt Ion:112 Resp: 35384
Ion Ratio Lower Upper
112 100
114 31.7 24.4 36.6

Manual Integrations
APPROVED

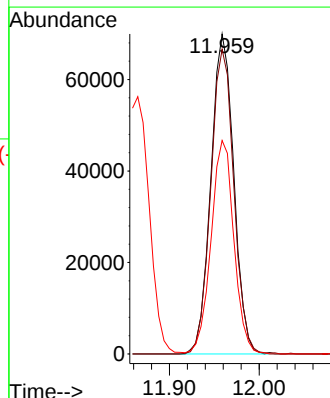
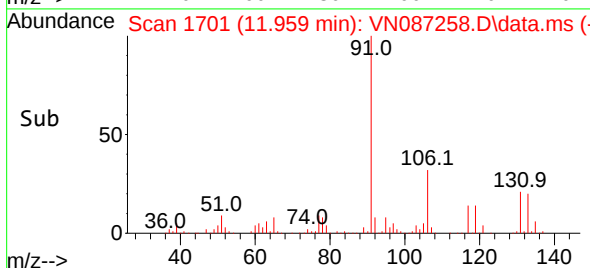
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

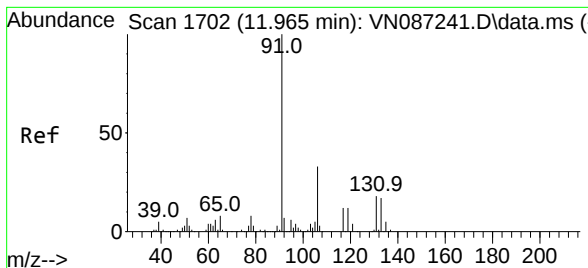


#66
1,1,1,2-Tetrachloroethane
Concen: 49.616 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



Tgt Ion:131 Resp: 123680
Ion Ratio Lower Upper
131 100
133 96.2 47.2 141.6
119 66.7 32.4 97.2





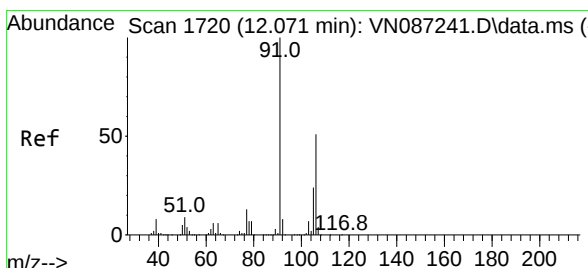
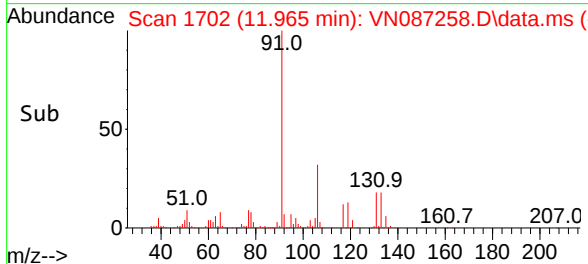
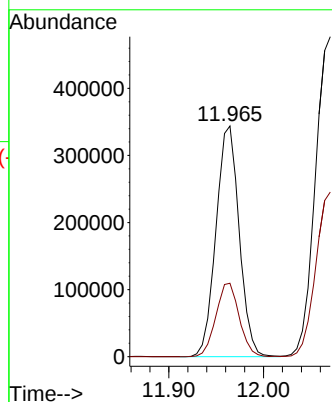
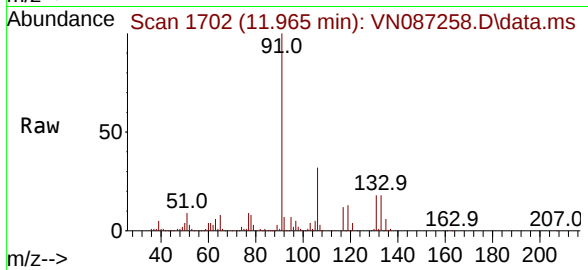
#67
Ethyl Benzene
Concen: 50.122 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 58551
Ion Ratio Lower Upper
91 100
106 31.8 26.2 39.4

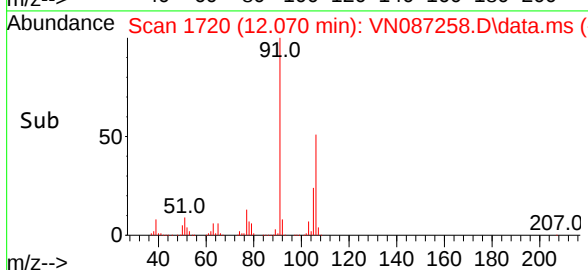
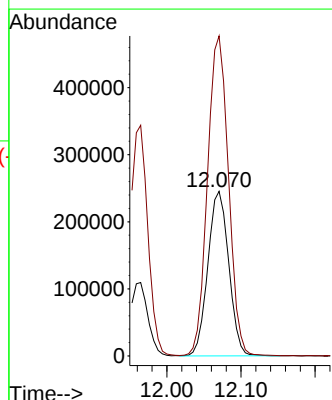
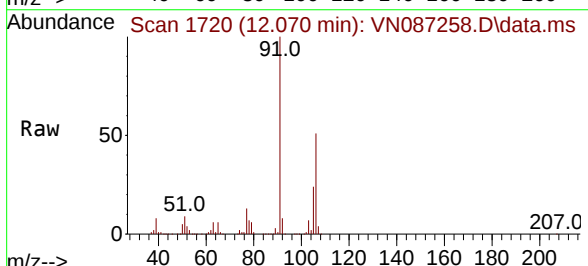
Manual Integrations
APPROVED

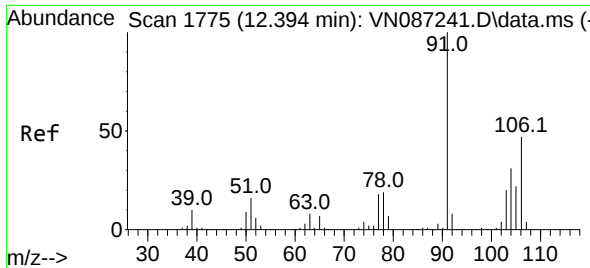
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#68
m/p-Xylenes
Concen: 102.778 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

Tgt Ion:106 Resp: 479689
Ion Ratio Lower Upper
106 100
91 195.5 158.2 237.2





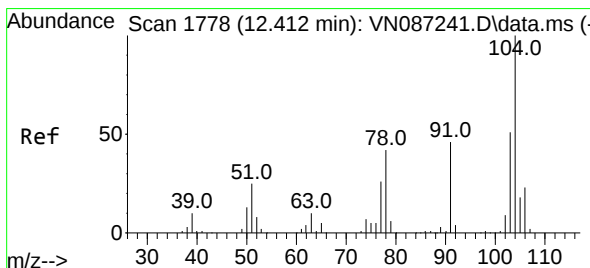
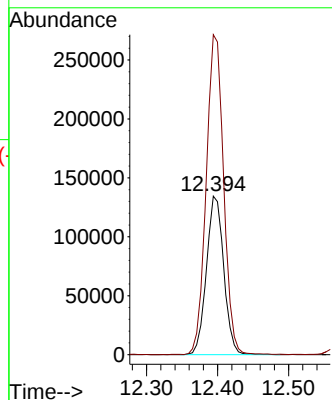
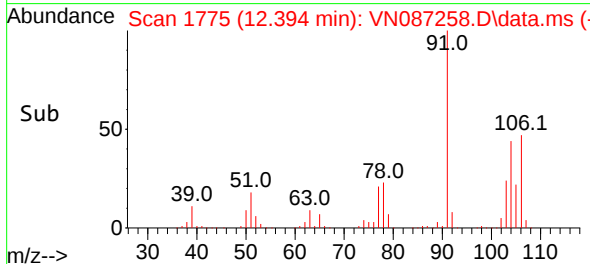
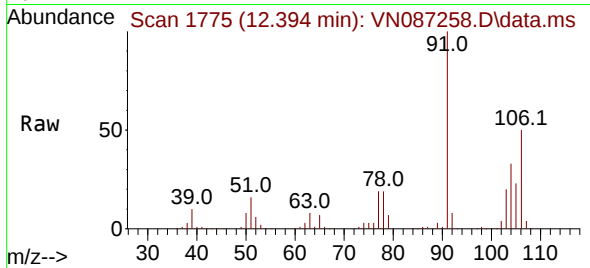
#69
o-Xylene
Concen: 52.192 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 22786
Ion Ratio Lower Upper
106 100
91 204.1 105.4 316.1

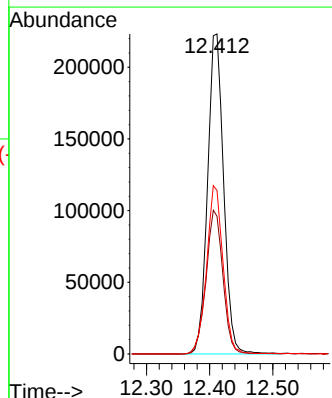
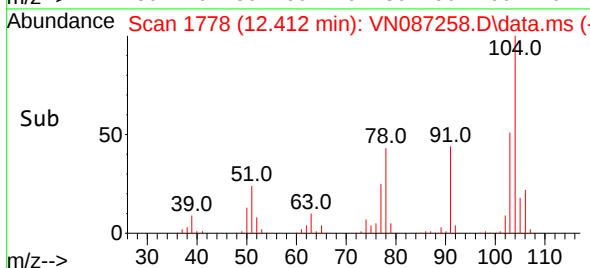
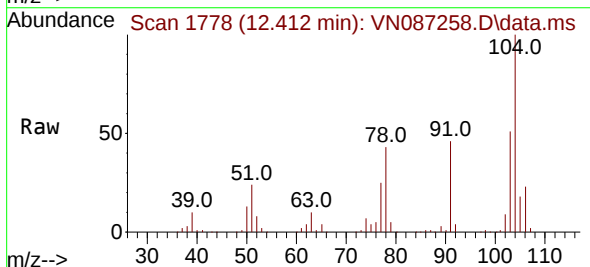
Manual Integrations
APPROVED

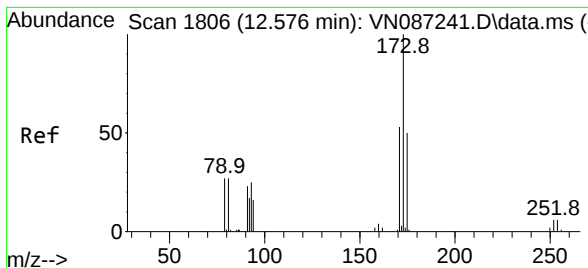
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#70
Styrene
Concen: 53.181 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

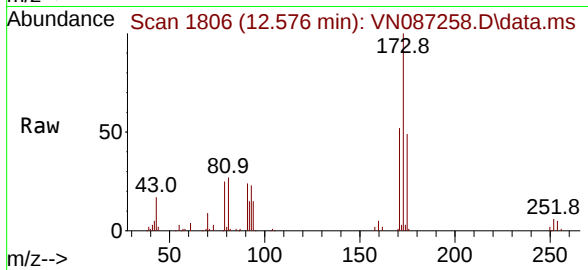
Tgt Ion:104 Resp: 394588
Ion Ratio Lower Upper
104 100
78 47.3 37.6 56.4
103 54.0 44.0 66.0





#71
Bromoform
Concen: 52.677 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

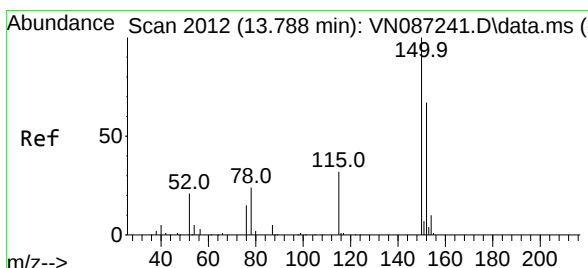
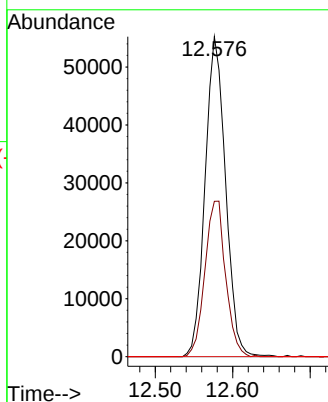
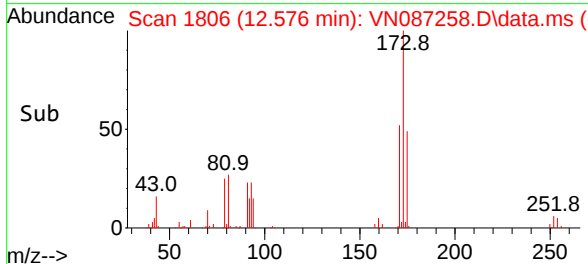
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



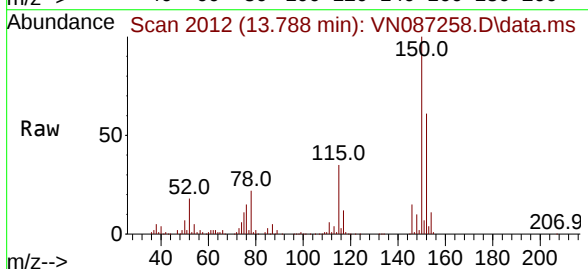
Tgt Ion:173 Resp: 101300
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

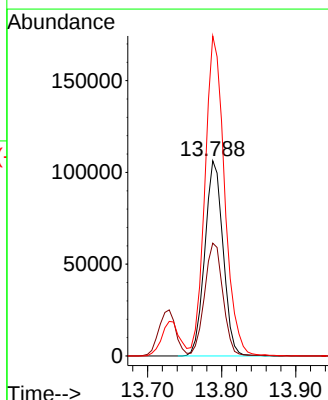
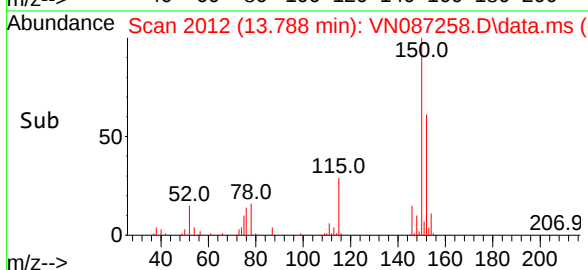
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

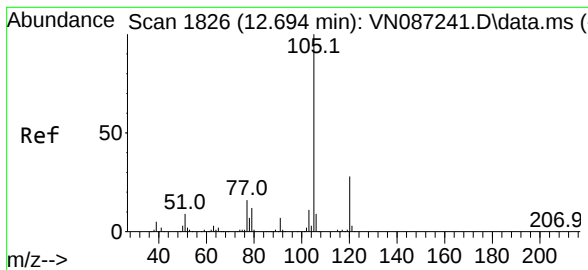


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



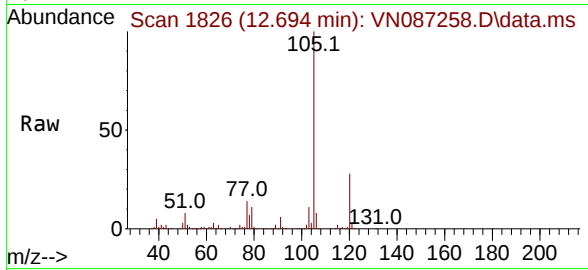
Tgt Ion:152 Resp: 181476
Ion Ratio Lower Upper
152 100
115 58.4 28.3 84.9
150 176.9 0.0 344.6





#73
Isopropylbenzene
Concen: 49.388 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

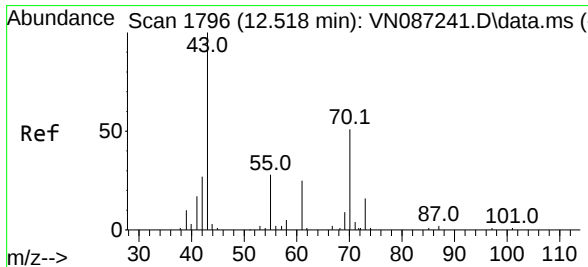
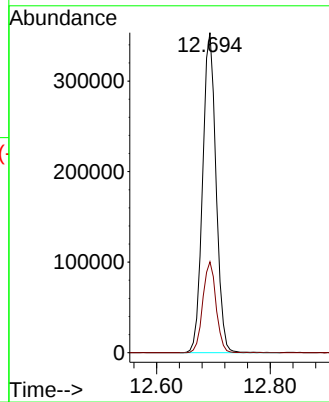
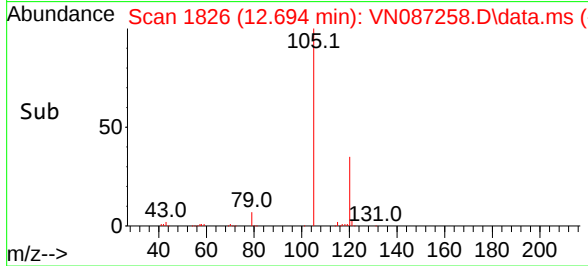
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 105 Resp: 577500
Ion Ratio Lower Upper
105 100
120 28.0 13.9 41.6

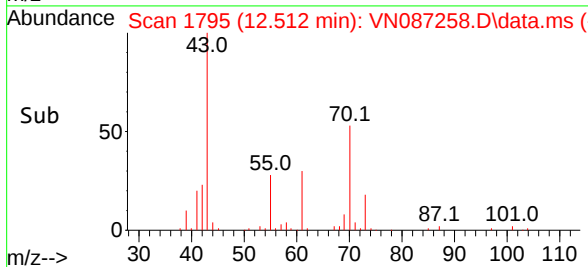
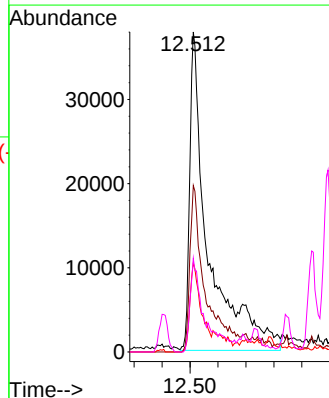
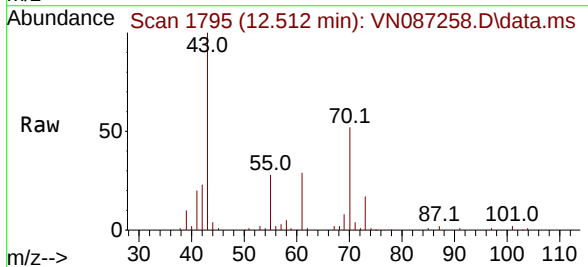
Manual Integrations
APPROVED

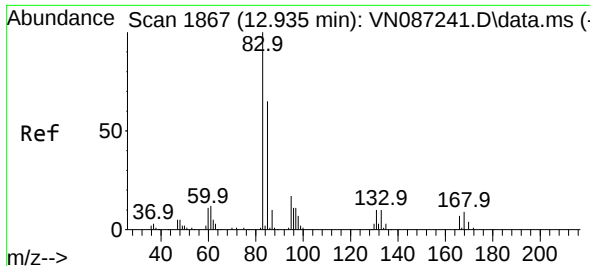
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#74
N-ethyl acetate
Concen: 45.595 ug/l m
RT: 12.512 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

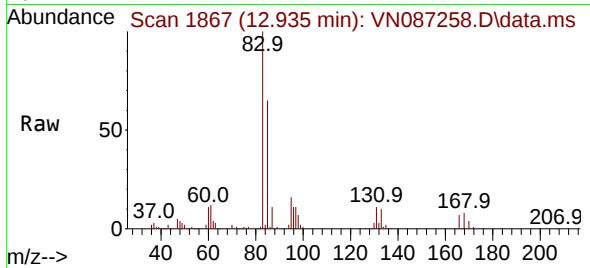
Tgt Ion: 43 Resp: 175327
Ion Ratio Lower Upper
43 100
70 43.3 29.2 43.8
55 16.8 17.0 25.4#
61 19.5 18.1 27.1





#75
1,1,2,2-Tetrachloroethane
Concen: 46.116 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

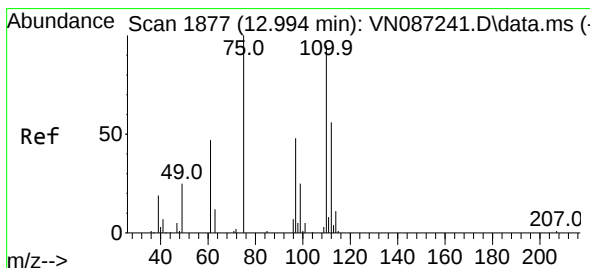
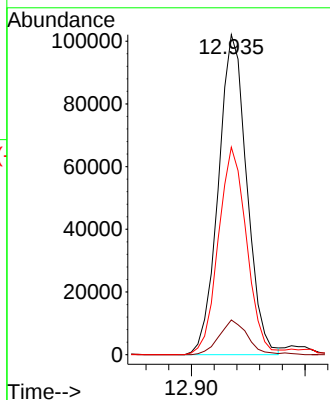
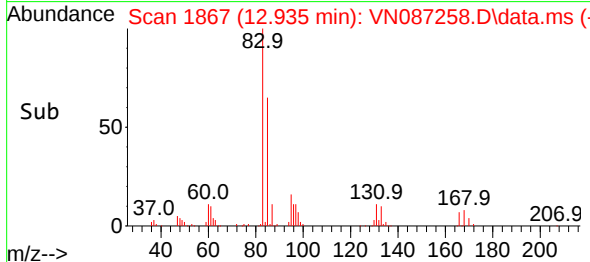
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



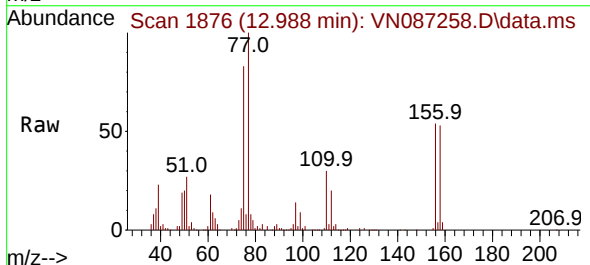
Tgt Ion: 83 Resp: 17737
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.9
85 64.4 32.2 96.6

Manual Integrations
APPROVED

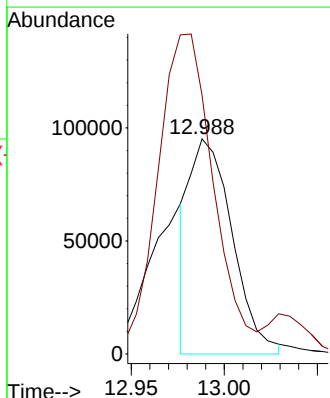
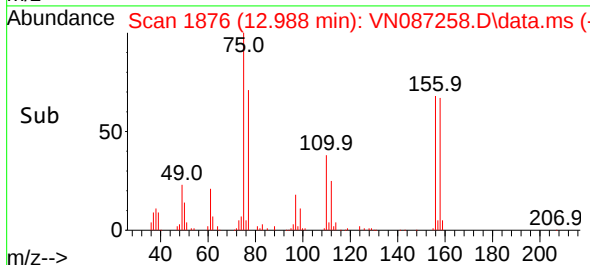
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

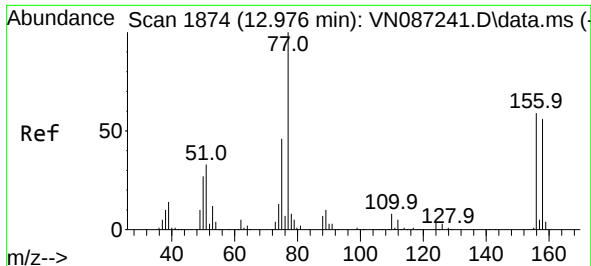


#76
1,2,3-Trichloropropane
Concen: 43.970 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



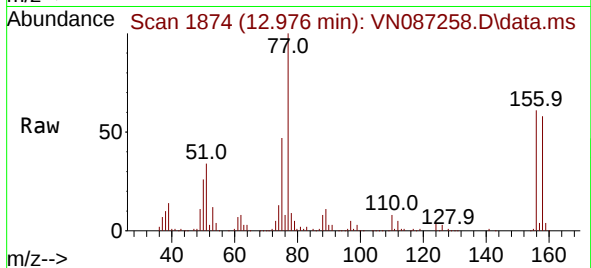
Tgt Ion: 75 Resp: 151775
Ion Ratio Lower Upper
75 100
77 194.8 82.0 245.8





#77
Bromobenzene
Concen: 50.221 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

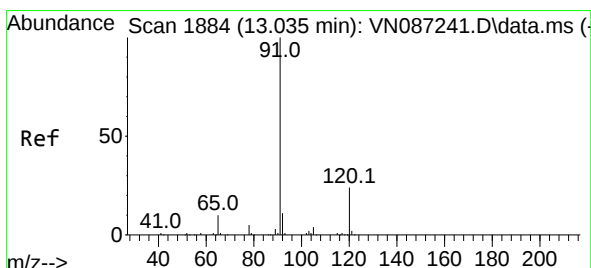
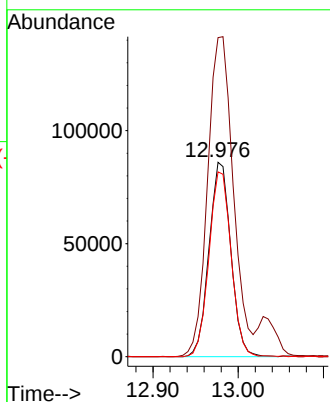
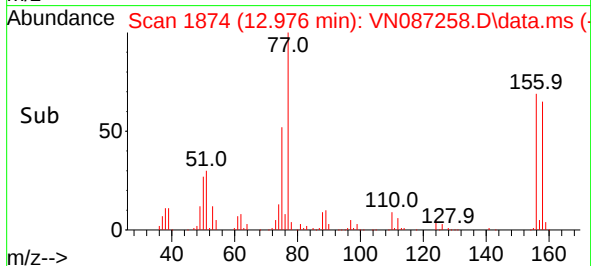
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



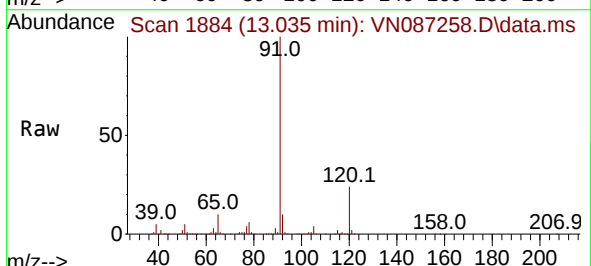
Tgt Ion:156 Resp: 15329
Ion Ratio Lower Upper
156 100
77 192.9 98.0 294.1
158 96.5 47.7 143.1

Manual Integrations
APPROVED

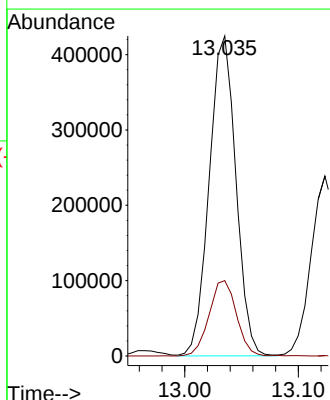
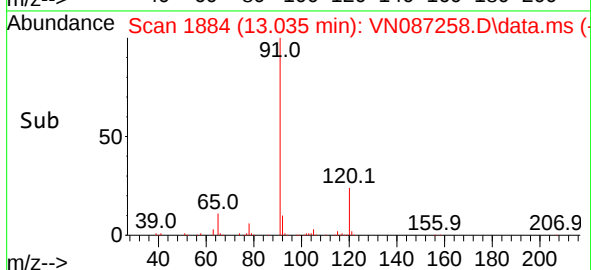
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

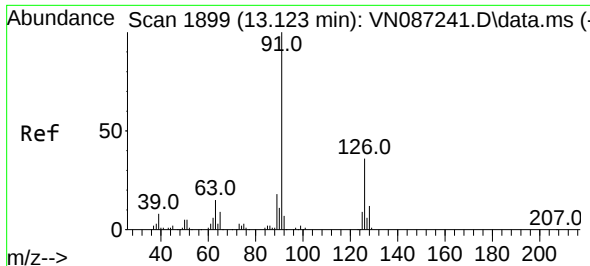


#78
n-propylbenzene
Concen: 49.089 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



Tgt Ion: 91 Resp: 693363
Ion Ratio Lower Upper
91 100
120 24.1 12.0 36.0





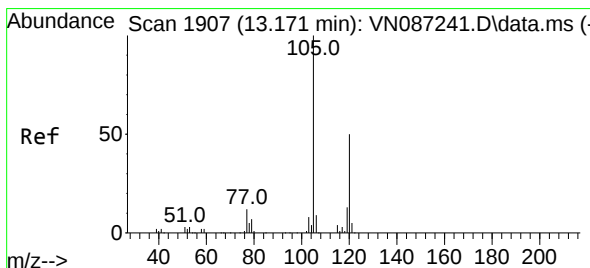
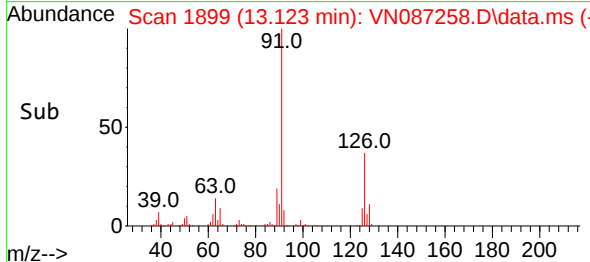
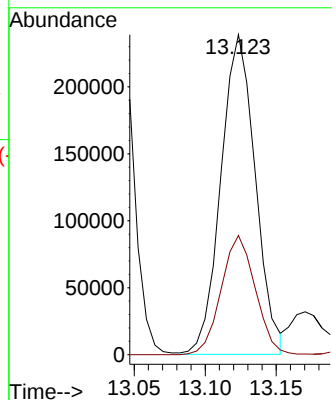
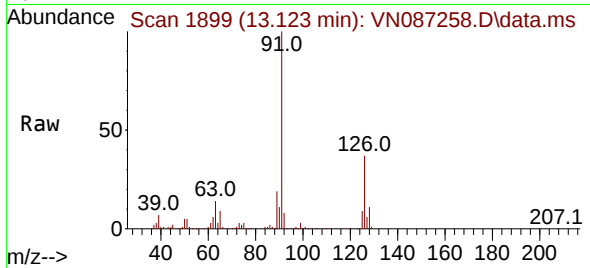
#79
2-Chlorotoluene
Concen: 47.898 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 402635
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.3

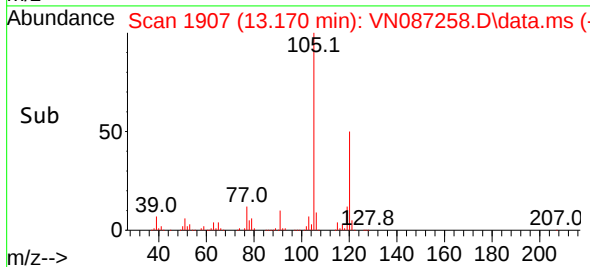
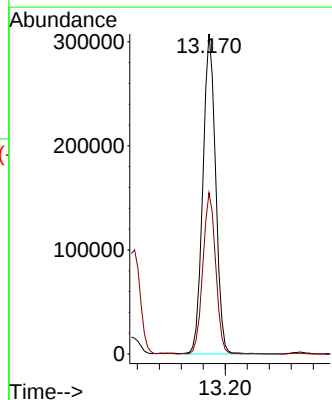
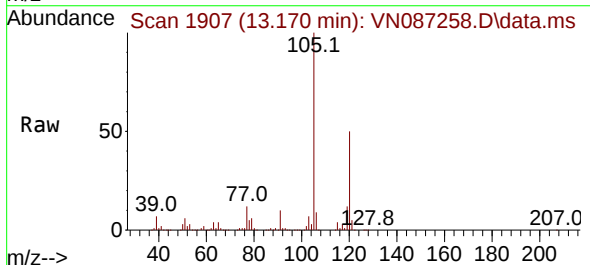
Manual Integrations
APPROVED

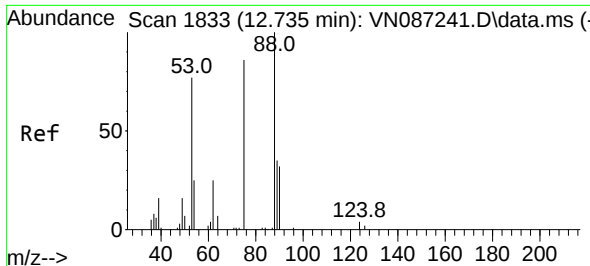
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.794 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

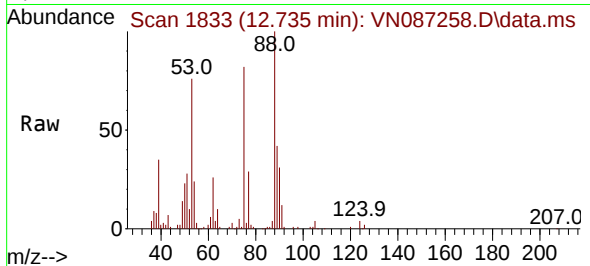
Tgt Ion:105 Resp: 496454
Ion Ratio Lower Upper
105 100
120 50.5 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.033 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

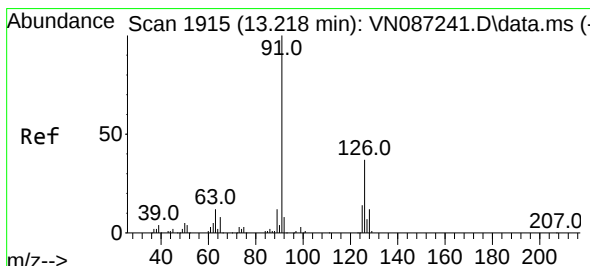
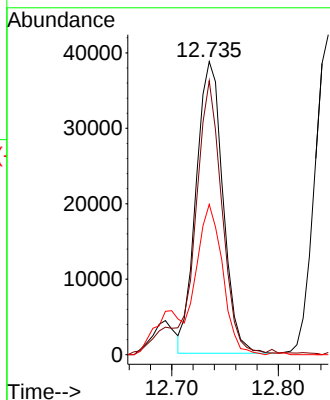
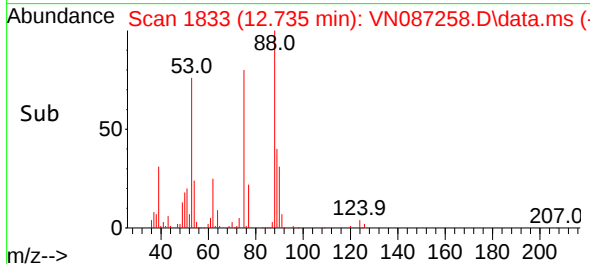
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



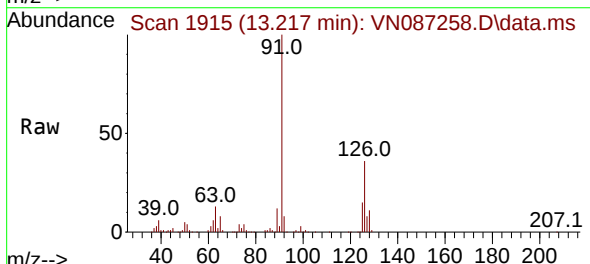
Tgt Ion: 75 Resp: 67648
Ion Ratio Lower Upper
75 100
53 99.1 70.6 105.8
89 49.8 36.1 54.1

Manual Integrations
APPROVED

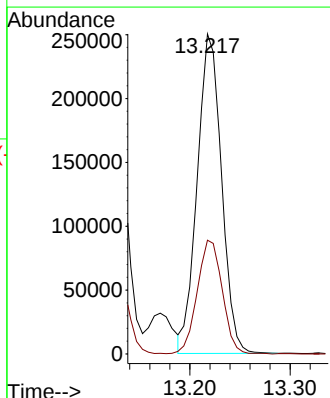
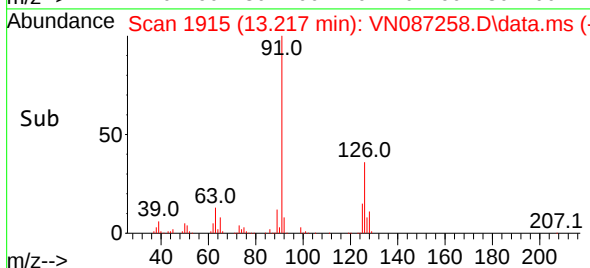
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

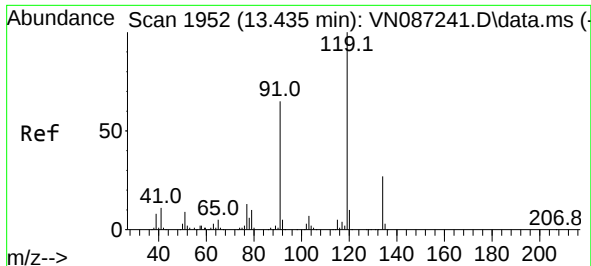


#82
4-Chlorotoluene
Concen: 47.957 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



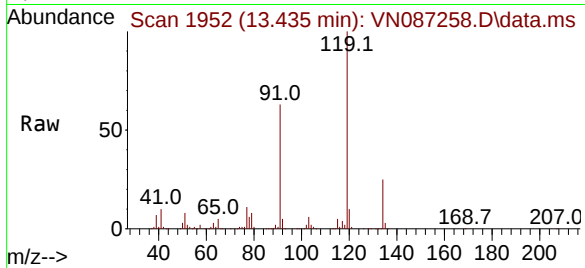
Tgt Ion: 91 Resp: 422000
Ion Ratio Lower Upper
91 100
126 36.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 50.341 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

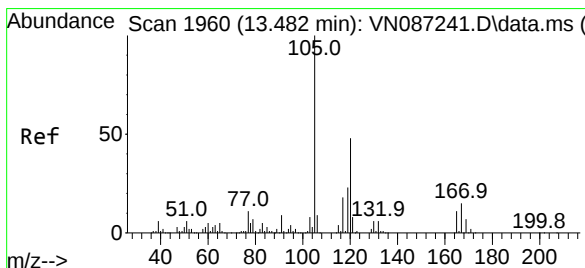
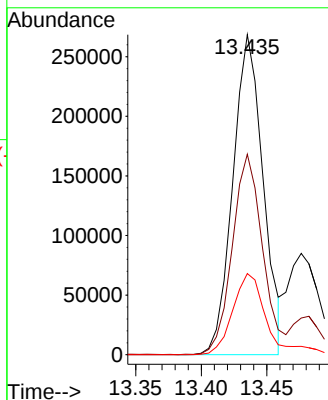
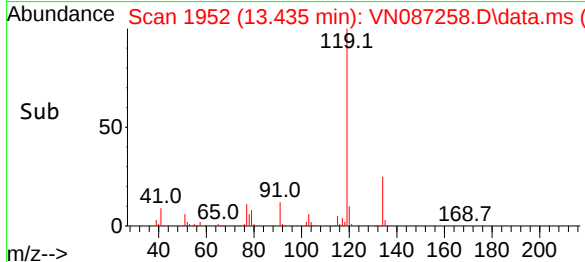
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



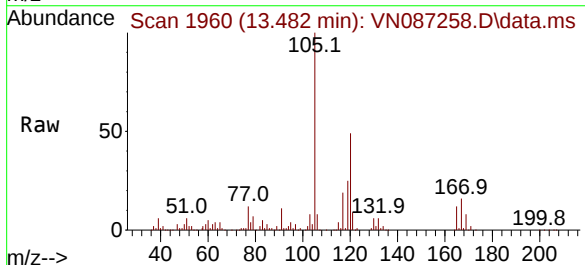
Tgt Ion:119 Resp: 431070
Ion Ratio Lower Upper
119 100
91 63.1 32.5 97.4
134 28.2 14.2 42.8

Manual Integrations
APPROVED

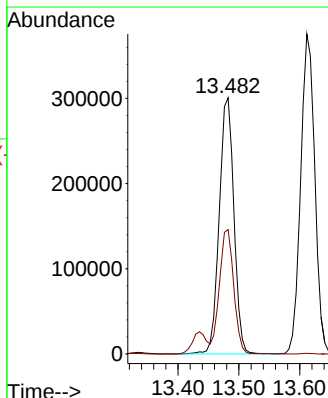
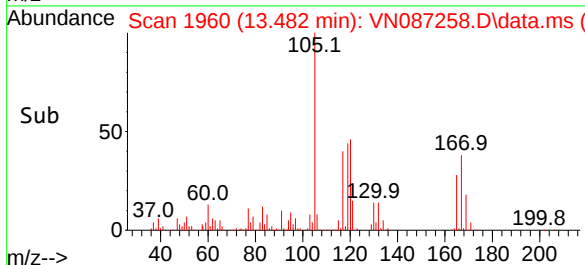
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

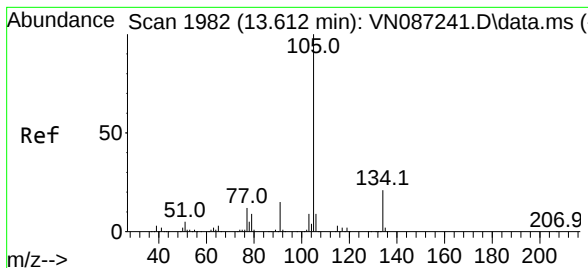


#84
1,2,4-Trimethylbenzene
Concen: 51.447 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



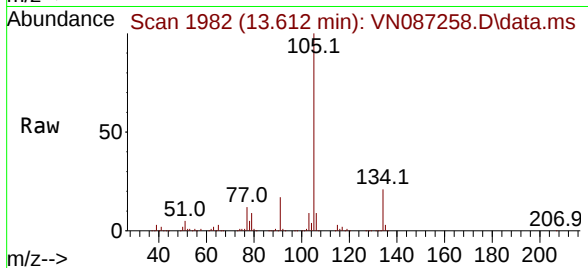
Tgt Ion:105 Resp: 503710
Ion Ratio Lower Upper
105 100
120 47.3 23.3 69.9





#85
 sec-Butylbenzene
 Concen: 49.828 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087258.D
 Acq: 01 Jul 2025 16:10

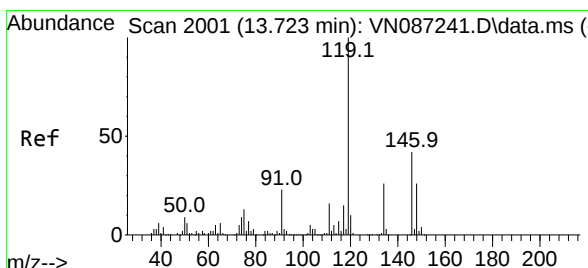
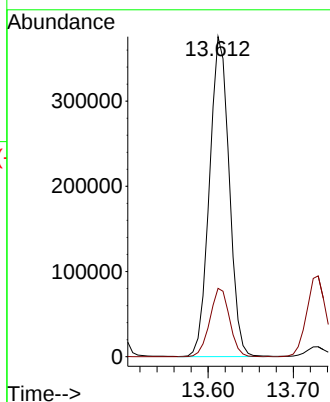
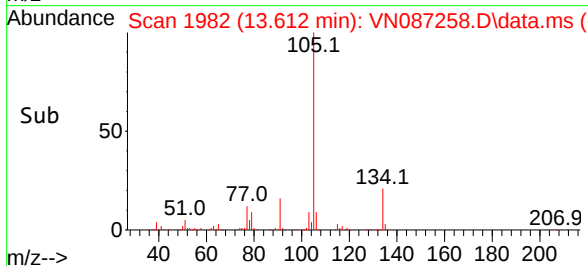
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



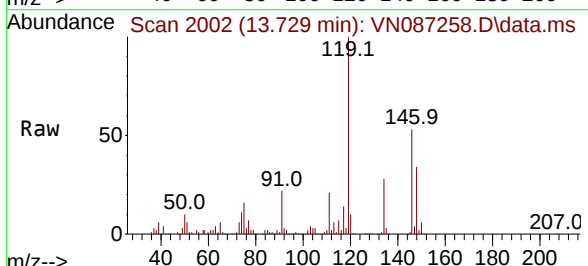
Tgt Ion:105 Resp: 604818
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.4

Manual Integrations
 APPROVED

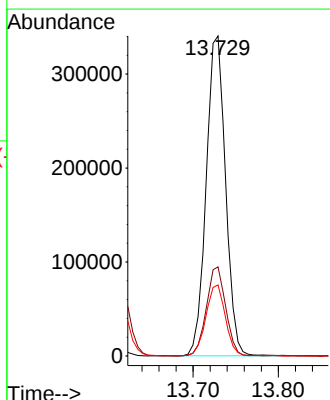
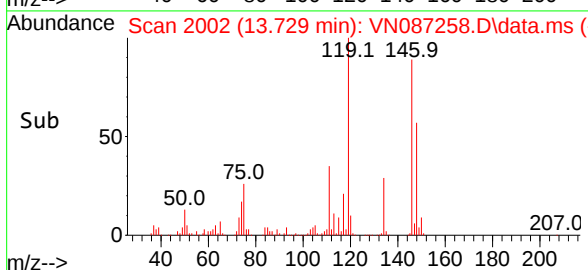
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

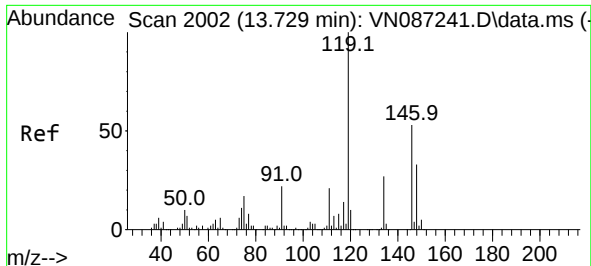


#86
 p-Isopropyltoluene
 Concen: 51.367 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN087258.D
 Acq: 01 Jul 2025 16:10



Tgt Ion:119 Resp: 535933
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.3 39.8
 91 22.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 50.287 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

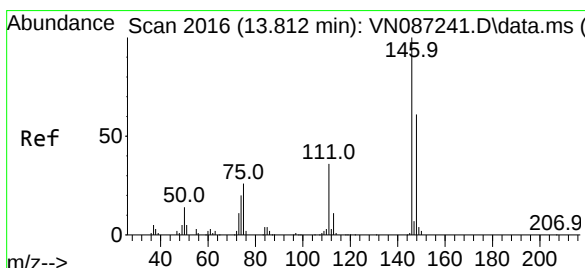
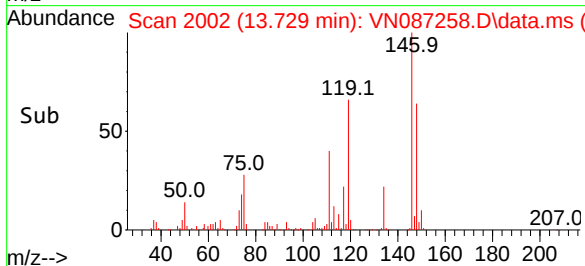
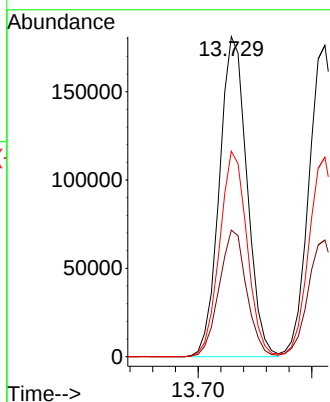
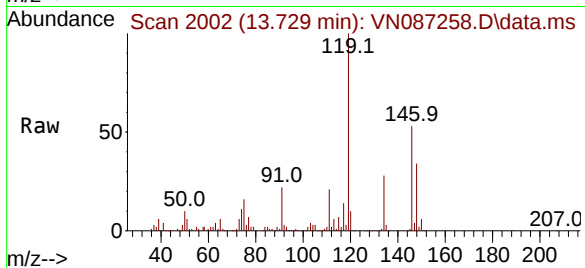
Tgt Ion:146 Resp: 305685
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.8 59.4
 148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#88

1,4-Dichlorobenzene

Concen: 48.331 ug/l

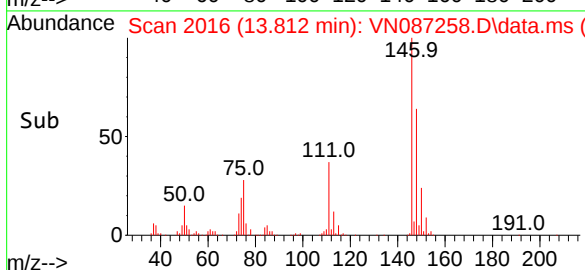
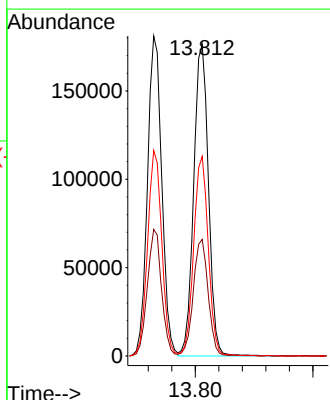
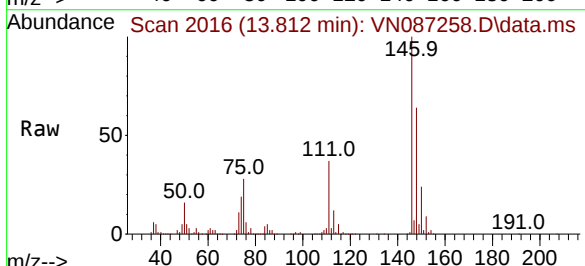
RT: 13.812 min Scan# 2016

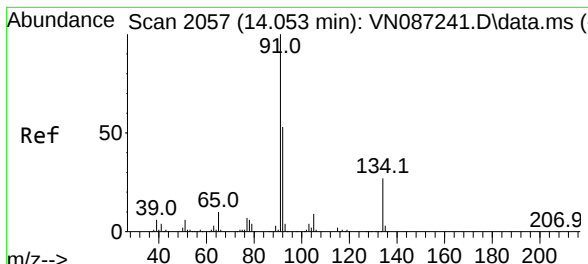
Delta R.T. -0.000 min

Lab File: VN087258.D

Acq: 01 Jul 2025 16:10

Tgt Ion:146 Resp: 306766
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.5
 148 63.5 31.8 95.3





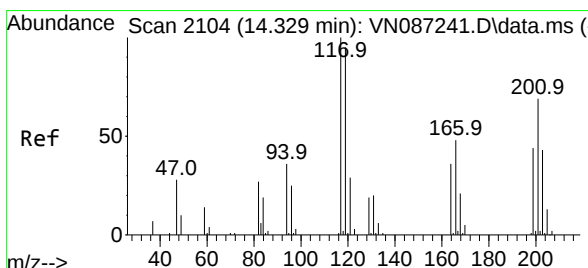
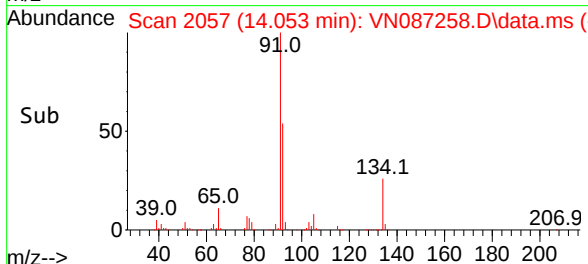
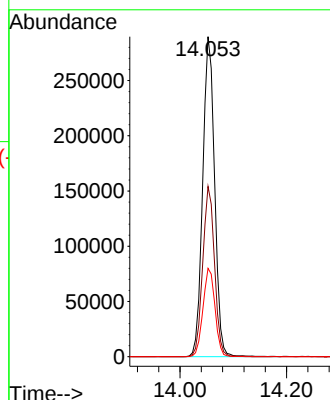
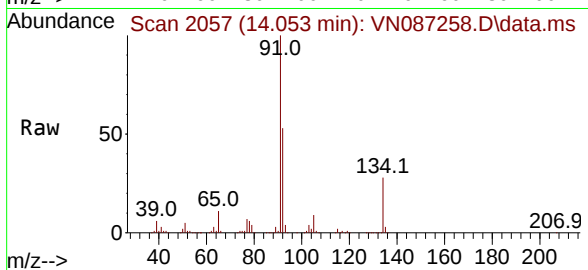
#89
n-Butylbenzene
Concen: 48.850 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 448745
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.0
134 27.9 13.7 41.1

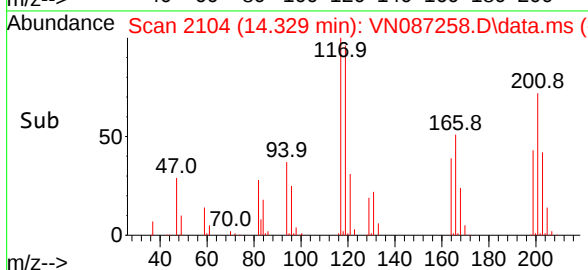
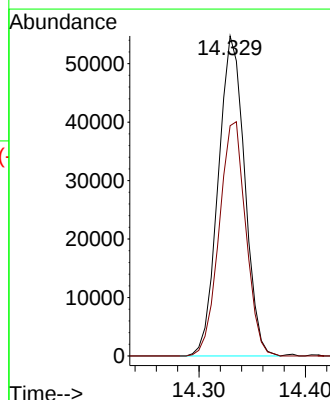
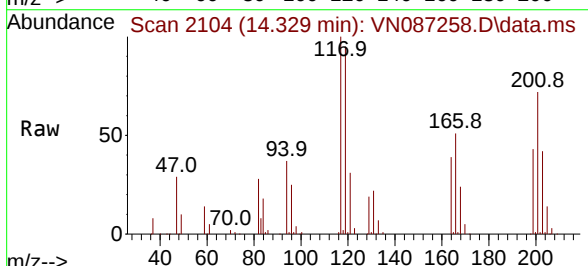
Manual Integrations
APPROVED

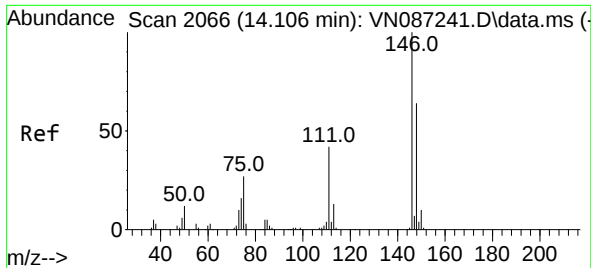
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#90
Hexachloroethane
Concen: 48.846 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

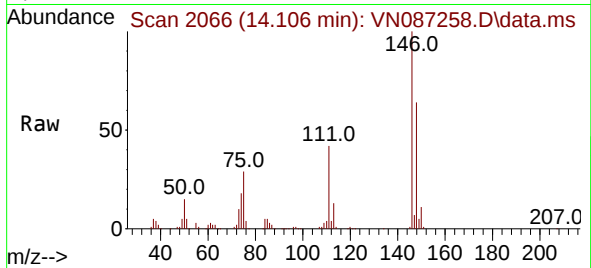
Tgt Ion:117 Resp: 94333
Ion Ratio Lower Upper
117 100
201 73.8 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 48.331 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

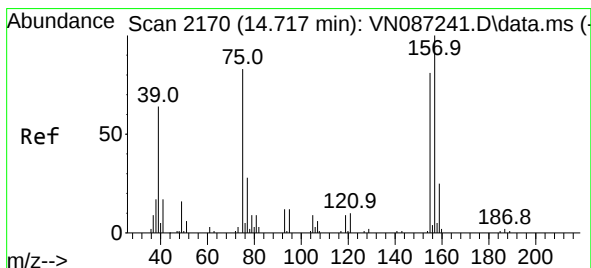
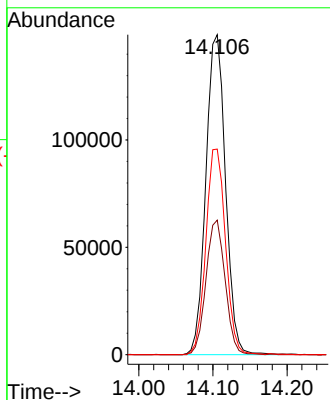
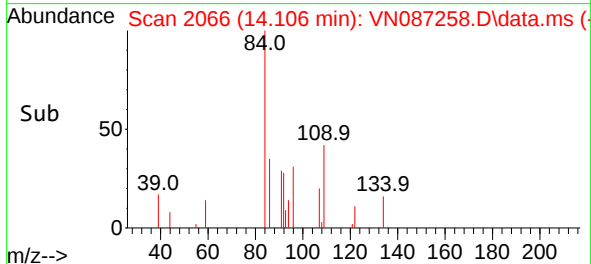
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



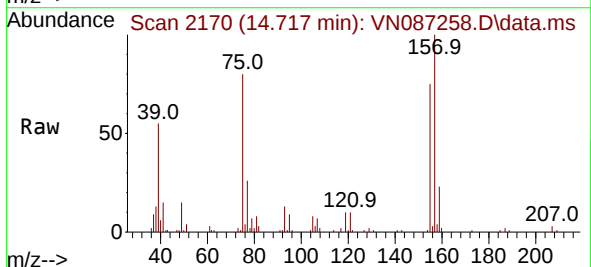
Tgt Ion:146 Resp: 27476
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 64.1 31.4 94.3

Manual Integrations
APPROVED

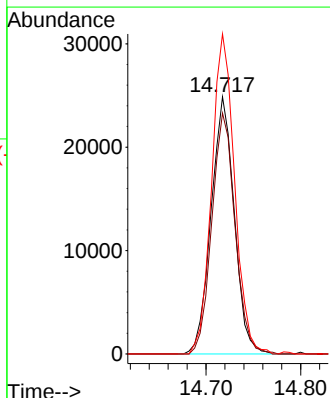
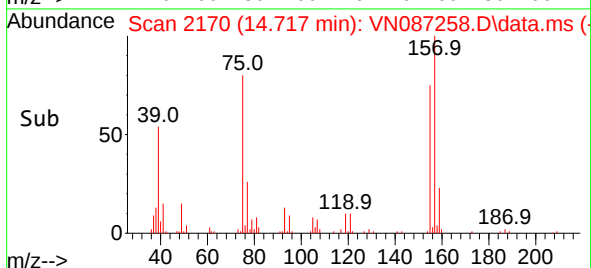
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

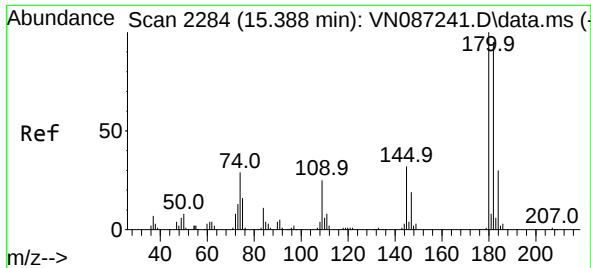


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.734 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



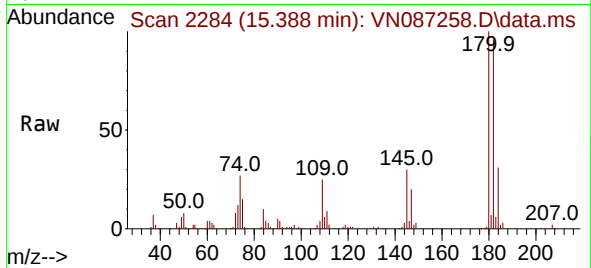
Tgt Ion: 75 Resp: 42272
Ion Ratio Lower Upper
75 100
155 93.4 46.8 140.3
157 122.8 58.1 174.4





#93
1,2,4-Trichlorobenzene
Concen: 47.973 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

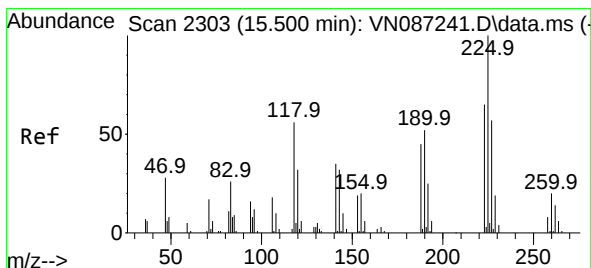
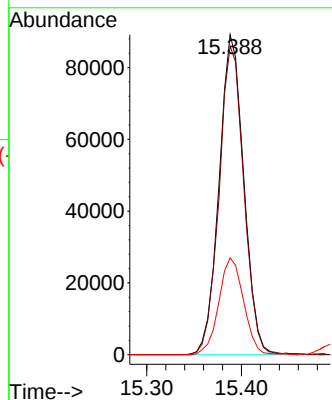
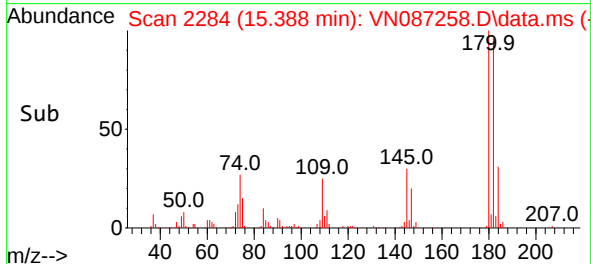
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



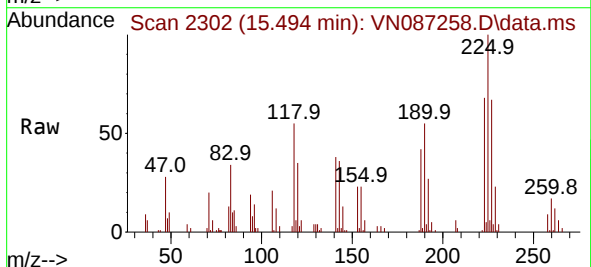
Tgt Ion:180 Resp: 161279
Ion Ratio Lower Upper
180 100
182 96.7 48.0 144.0
145 30.4 15.4 46.2

Manual Integrations
APPROVED

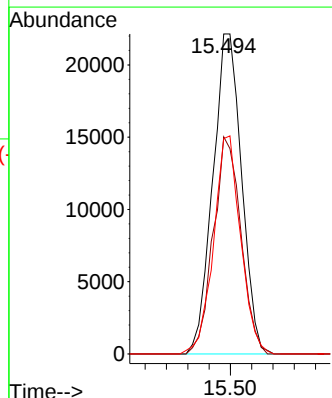
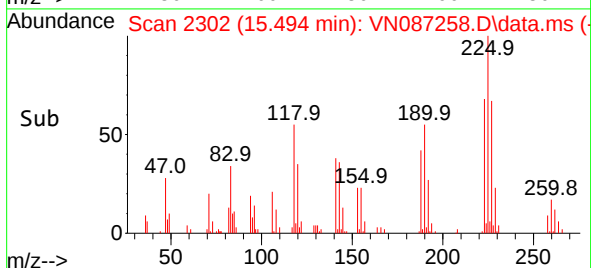
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

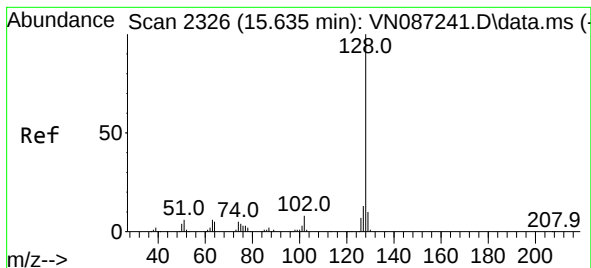


#94
Hexachlorobutadiene
Concen: 38.809 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



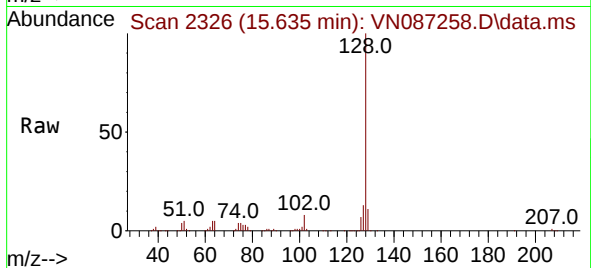
Tgt Ion:225 Resp: 41446
Ion Ratio Lower Upper
225 100
223 65.1 33.5 100.4
227 64.0 30.9 92.7





#95
Naphthalene
Concen: 48.482 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10

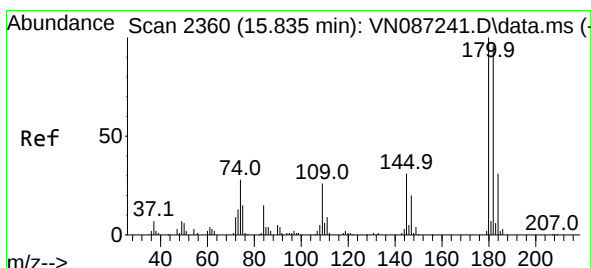
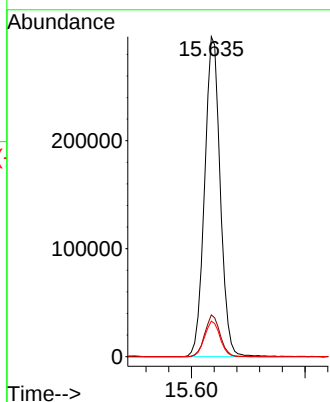
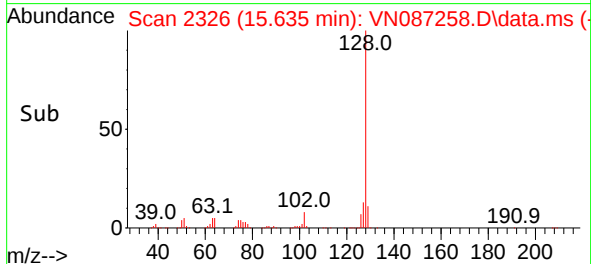
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



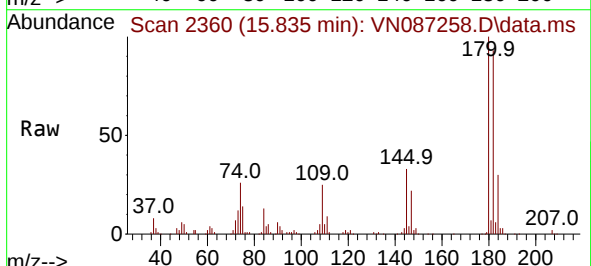
Tgt Ion:128 Resp: 56390
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.806 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087258.D
Acq: 01 Jul 2025 16:10



Tgt Ion:180 Resp: 156578
Ion Ratio Lower Upper
180 100
182 93.9 47.7 143.1
145 32.3 15.7 47.1

