

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087298.D
 Acq On : 08 Jul 2025 14:39
 Operator : JC\MD
 Sample : VN0708MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/09/2025
 Supervised By : Mahesh Dadoda 07/09/2025

Quant Time: Jul 09 01:31:56 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	230007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	371724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	351878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	198260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143688	49.776	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.560%		
35) Dibromofluoromethane	8.171	113	127005	53.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.720%		
50) Toluene-d8	10.565	98	471767	50.851	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.700%		
62) 4-Bromofluorobenzene	12.847	95	167706	50.805	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	47552	21.244	ug/l	99
3) Chloromethane	2.401	50	37403	20.578	ug/l	99
4) Vinyl Chloride	2.553	62	46688	20.893	ug/l	97
5) Bromomethane	2.995	94	41984	20.589	ug/l	99
6) Chloroethane	3.159	64	37193	21.013	ug/l	95
7) Trichlorofluoromethane	3.524	101	77801	20.065	ug/l	97
8) Diethyl Ether	3.994	74	25020	20.219	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.400	101	45341	20.140	ug/l	98
10) Methyl Iodide	4.612	142	48015	21.494	ug/l	93
11) Tert butyl alcohol	5.536	59	51973	98.789	ug/l #	87
12) 1,1-Dichloroethene	4.371	96	42311	19.783	ug/l	91
13) Acrolein	4.200	56	27695	76.005	ug/l	99
14) Allyl chloride	5.047	41	48093	18.348	ug/l	99
15) Acrylonitrile	5.736	53	127131	97.064	ug/l	96
16) Acetone	4.447	43	114670	103.902	ug/l	98
17) Carbon Disulfide	4.742	76	115945	18.069	ug/l	100
18) Methyl Acetate	5.047	43	54427	21.542	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	139608	18.625	ug/l	97
20) Methylene Chloride	5.300	84	47876	19.583	ug/l #	95
21) trans-1,2-Dichloroethene	5.806	96	48028	18.584	ug/l	96
22) Diisopropyl ether	6.683	45	113609	18.103	ug/l #	96
23) Vinyl Acetate	6.618	43	511025	88.048	ug/l	99
24) 1,1-Dichloroethane	6.583	63	77788	18.918	ug/l	99
25) 2-Butanone	7.494	43	165573	96.000	ug/l	97
26) 2,2-Dichloropropane	7.494	77	76843	19.530	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	56774	19.023	ug/l	97
28) Bromochloromethane	7.818	49	37210	20.503	ug/l	93
29) Tetrahydrofuran	7.853	42	106591	95.907	ug/l	99
30) Chloroform	7.977	83	90136	19.778	ug/l	95
31) Cyclohexane	8.265	56	67902	17.272	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	84208	19.840	ug/l	96
36) 1,1-Dichloropropene	8.377	75	62479	19.303	ug/l	97
37) Ethyl Acetate	7.571	43	66575	19.134	ug/l	100
38) Carbon Tetrachloride	8.365	117	75143	20.488	ug/l	98
39) Methylcyclohexane	9.606	83	68470	17.763	ug/l	99
40) Benzene	8.612	78	191179	19.065	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	31249	18.783	ug/l	99
42) 1,2-Dichloroethane	8.677	62	65979	19.785	ug/l	100
43) Isopropyl Acetate	8.694	43	99552	18.449	ug/l	99
44) Trichloroethene	9.359	130	52695	19.776	ug/l	100
45) 1,2-Dichloropropane	9.624	63	42825	19.587	ug/l	97
46) Dibromomethane	9.712	93	36341	19.538	ug/l	96
47) Bromodichloromethane	9.888	83	71079	20.037	ug/l	96
48) Methyl methacrylate	9.682	41	41407	18.207	ug/l	98
49) 1,4-Dioxane	9.700	88	19371	418.827	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	315163	95.459	ug/l	97
52) Toluene	10.629	92	128840	19.591	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	72617	19.086	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	74106	19.117	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	49612	19.970	ug/l	97
56) Ethyl methacrylate	10.882	69	60605	16.651	ug/l	96
57) 1,3-Dichloropropane	11.165	76	78909	19.461	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	160138	83.247	ug/l	100
59) 2-Hexanone	11.206	43	177595	75.096	ug/l	100
60) Dibromochloromethane	11.359	129	59660	20.372	ug/l	98
61) 1,2-Dibromoethane	11.470	107	54022	20.215	ug/l	99
64) Tetrachloroethene	11.100	164	47239	20.135	ug/l	96
65) Chlorobenzene	11.888	112	153683	19.464	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	54458	19.975	ug/l	98
67) Ethyl Benzene	11.965	91	231619	18.129	ug/l	99
68) m/p-Xylenes	12.070	106	192599	37.731	ug/l	97
69) o-Xylene	12.394	106	89452	18.733	ug/l	97
70) Styrene	12.412	104	155102	19.113	ug/l	100
71) Bromoform	12.576	173	43014	20.450	ug/l #	98
73) Isopropylbenzene	12.694	105	223822	17.521	ug/l	98
74) N-amyl acetate	12.535	43	69653m	16.580	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	78807	18.755	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	75311m	19.971	ug/l	
77) Bromobenzene	12.982	156	64032	19.202	ug/l	98
78) n-propylbenzene	13.035	91	275424	17.849	ug/l	98
79) 2-Chlorotoluene	13.123	91	162694	17.716	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	199296	18.664	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	25517	15.894	ug/l	92
82) 4-Chlorotoluene	13.217	91	176024	18.310	ug/l	100
83) tert-Butylbenzene	13.435	119	167441	17.898	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	197362	18.451	ug/l	99
85) sec-Butylbenzene	13.612	105	236725	17.852	ug/l	99
86) p-Isopropyltoluene	13.723	119	208358	18.280	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	125931	18.963	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	125976	18.167	ug/l	96
89) n-Butylbenzene	14.053	91	175501	17.488	ug/l	98
90) Hexachloroethane	14.329	117	40372	19.135	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	117646	18.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18812	18.630	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	65974	17.963	ug/l	99
94) Hexachlorobutadiene	15.494	225	20694	17.737	ug/l	98
95) Naphthalene	15.635	128	214778	16.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	65680	18.356	ug/l	100

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

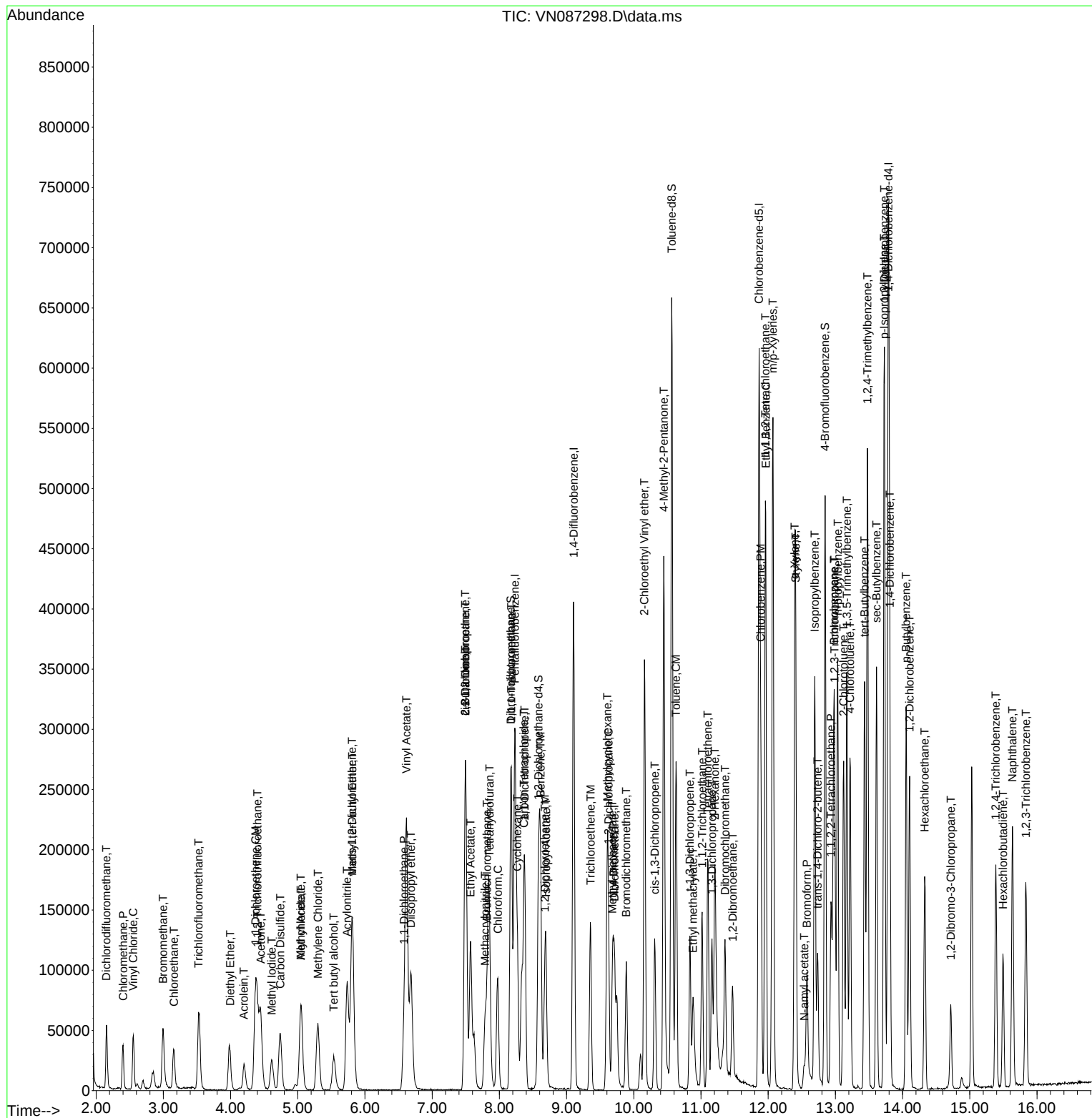
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
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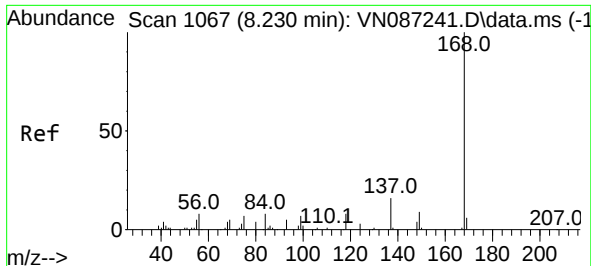
Instrument :
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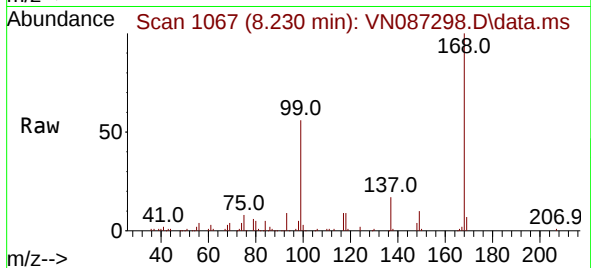
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087298.D
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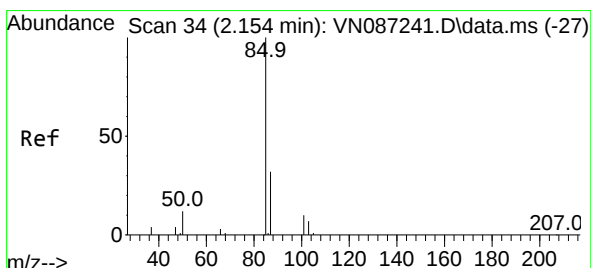
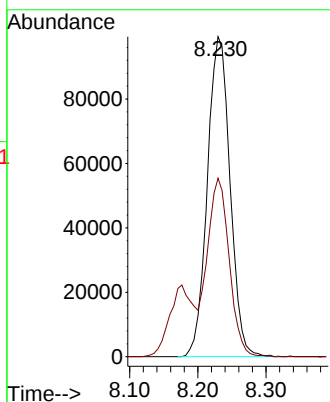
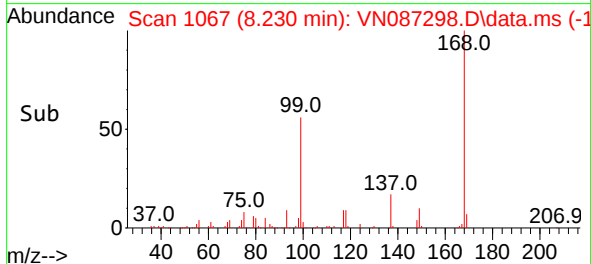
Instrument :
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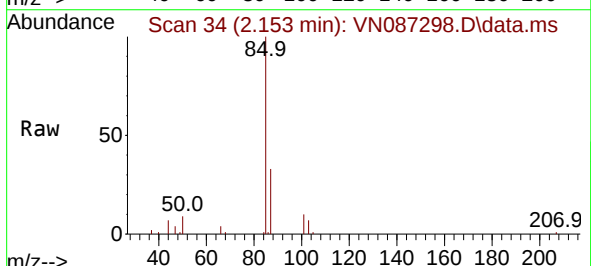
Tgt Ion:168 Resp: 23000
Ion Ratio Lower Upper
168 100
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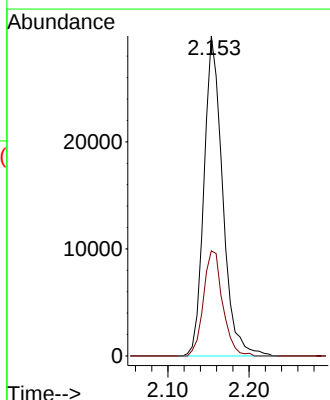
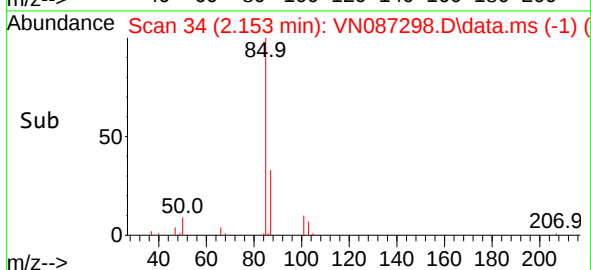
Reviewed By :John Carlone 07/09/2025
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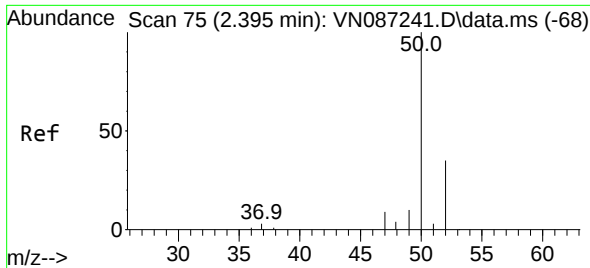


#2
Dichlorodifluoromethane
Concen: 21.244 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



Tgt Ion: 85 Resp: 47552
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.3





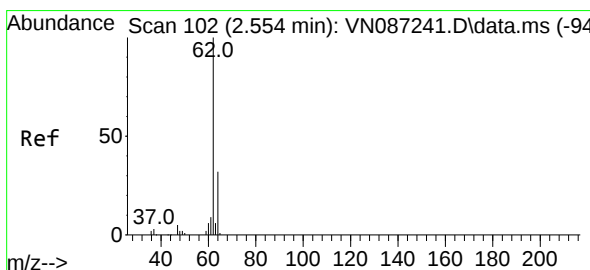
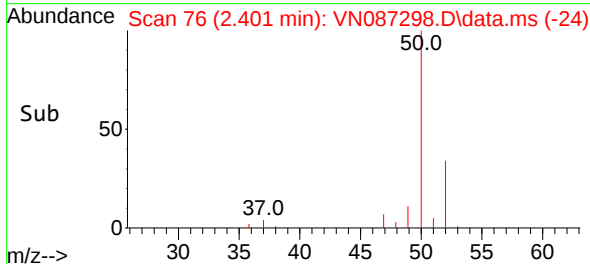
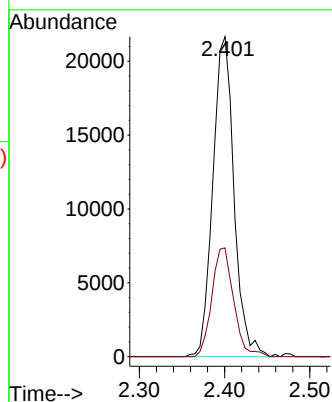
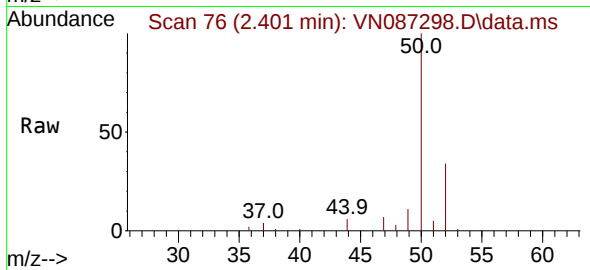
#3
Chloromethane
Concen: 20.578 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion: 50 Resp: 3740
Ion Ratio Lower Upper
50 100
52 34.0 27.8 41.8

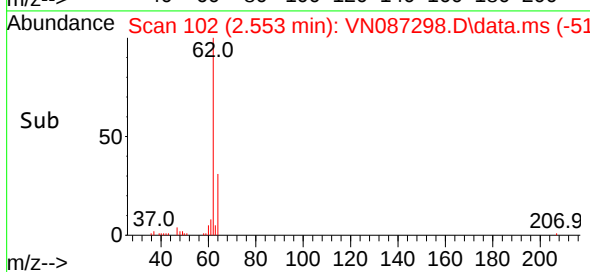
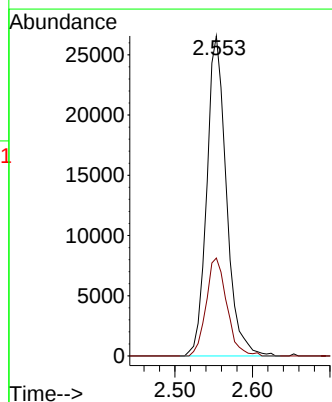
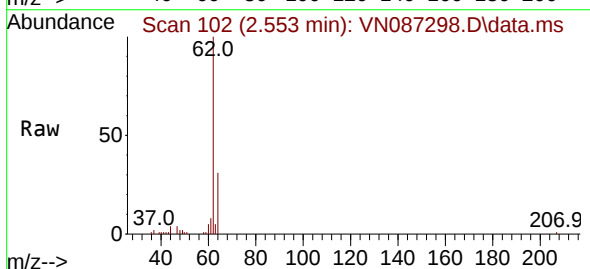
Manual Integrations
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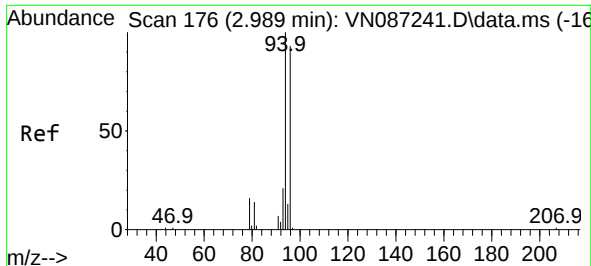
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#4
Vinyl Chloride
Concen: 20.893 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

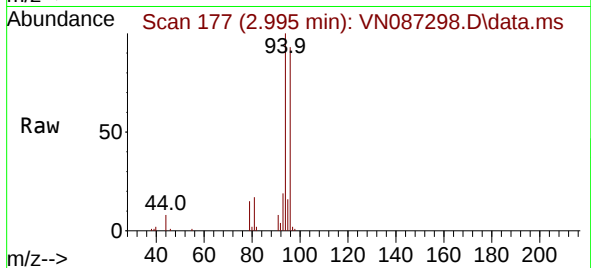
Tgt Ion: 62 Resp: 46688
Ion Ratio Lower Upper
62 100
64 30.6 26.0 39.0





#5
Bromomethane
Concen: 20.589 ug/l
RT: 2.995 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

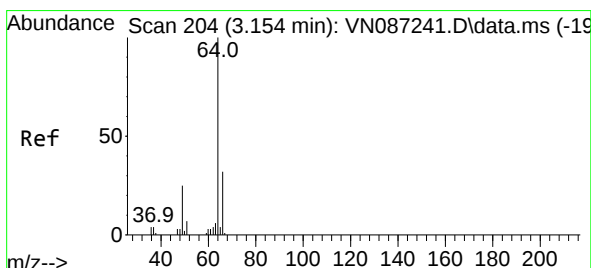
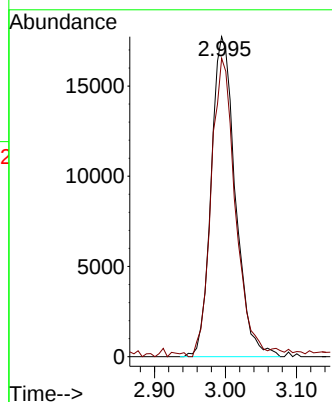
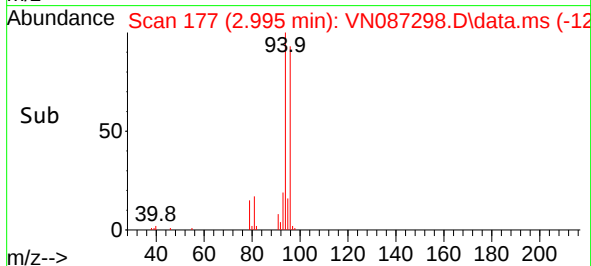
Instrument :
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Tgt Ion: 94 Resp: 41984
Ion Ratio Lower Upper
94 100
96 92.3 74.3 111.5

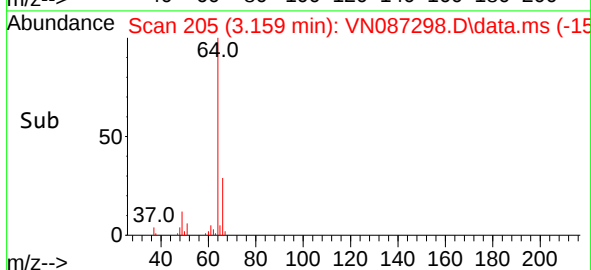
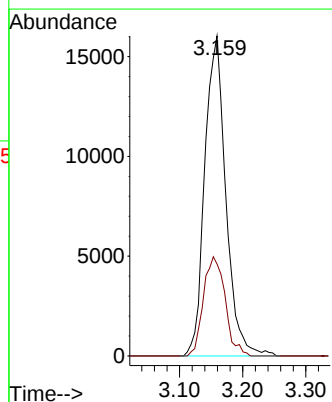
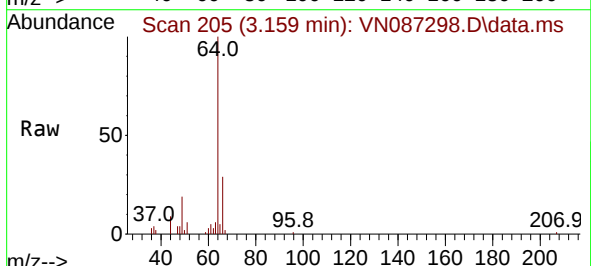
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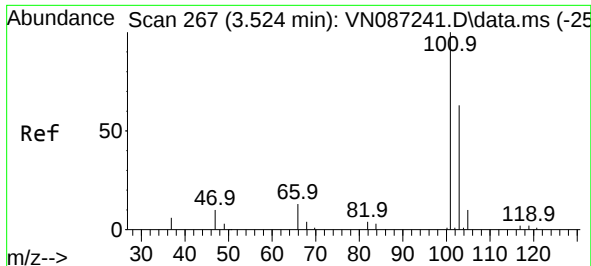
Reviewed By :John Carlone 07/09/2025
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#6
Chloroethane
Concen: 21.013 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

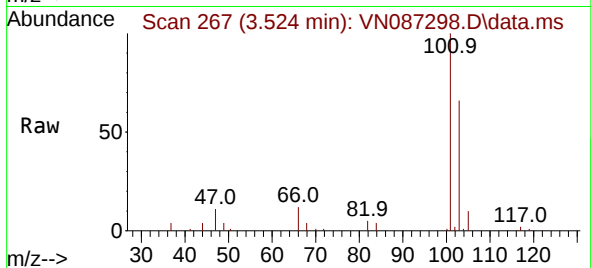
Tgt Ion: 64 Resp: 37193
Ion Ratio Lower Upper
64 100
66 28.7 25.3 37.9





#7
Trichlorofluoromethane
Concen: 20.065 ug/l
RT: 3.524 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

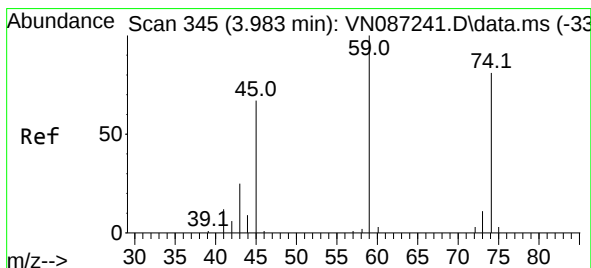
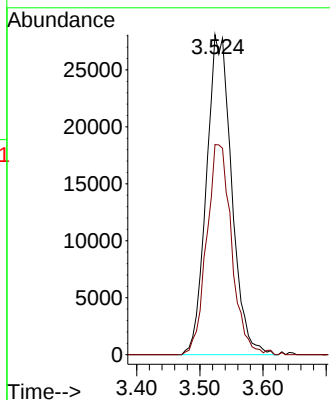
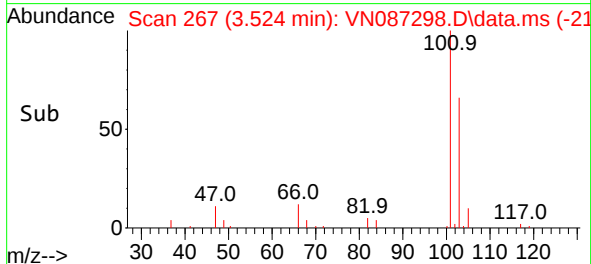
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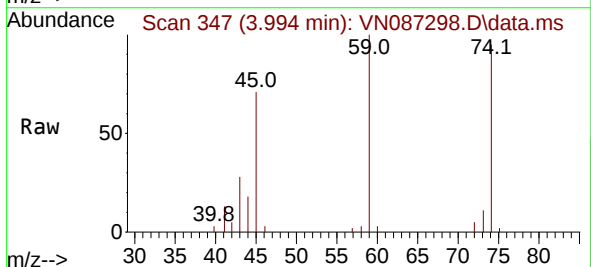
Tgt Ion:101 Resp: 7780
Ion Ratio Lower Upper
101 100
103 65.7 50.5 75.7

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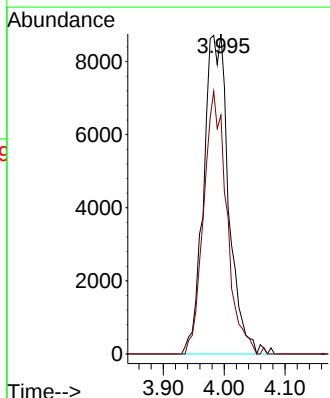
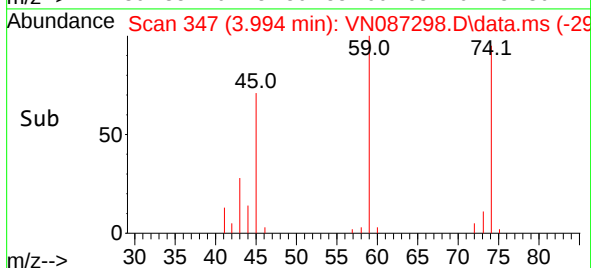
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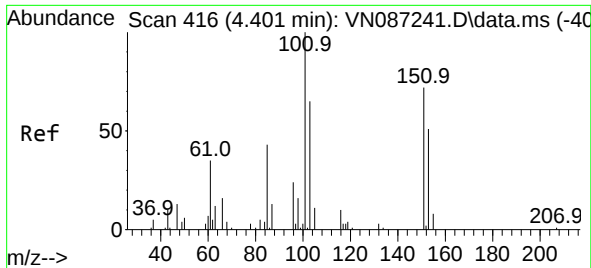


#8
Diethyl Ether
Concen: 20.219 ug/l
RT: 3.994 min Scan# 347
Delta R.T. 0.012 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



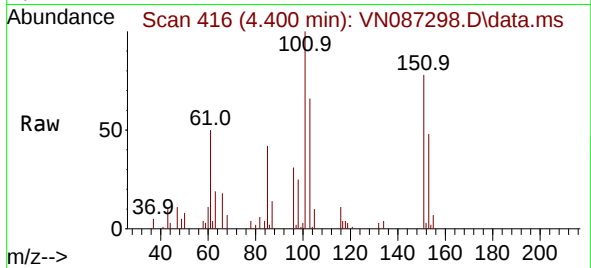
Tgt Ion: 74 Resp: 25020
Ion Ratio Lower Upper
74 100
45 75.6 39.4 118.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.140 ug/l
RT: 4.400 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

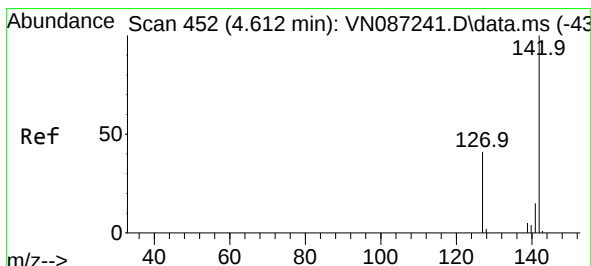
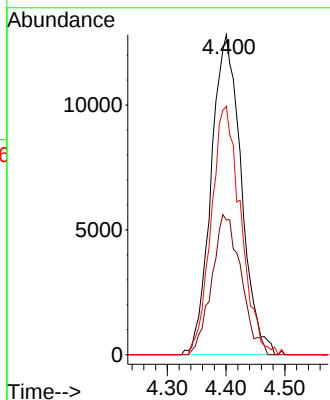
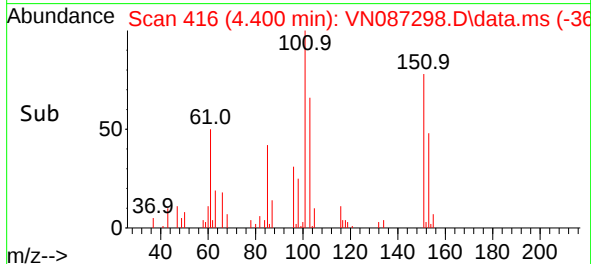
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



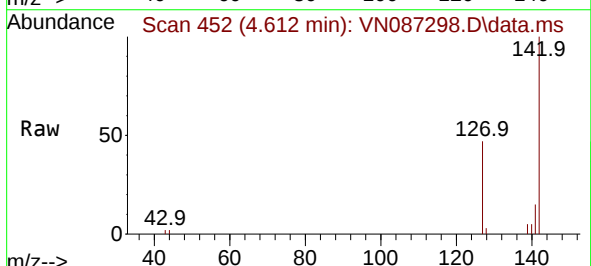
Tgt Ion:101 Resp: 4534
Ion Ratio Lower Upper
101 100
85 42.9 34.4 51.6
151 76.5 63.8 95.8

Manual Integrations
APPROVED

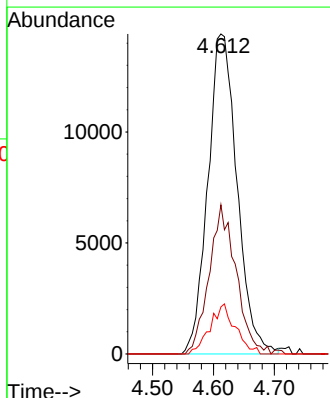
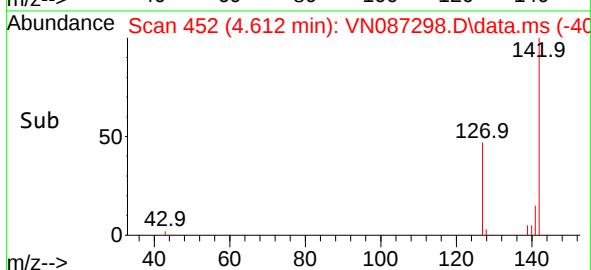
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

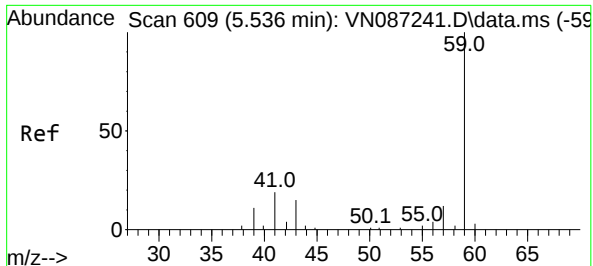


#10
Methyl Iodide
Concen: 21.494 ug/l
RT: 4.612 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



Tgt Ion:142 Resp: 48015
Ion Ratio Lower Upper
142 100
127 46.6 32.8 49.2
141 14.7 11.6 17.4





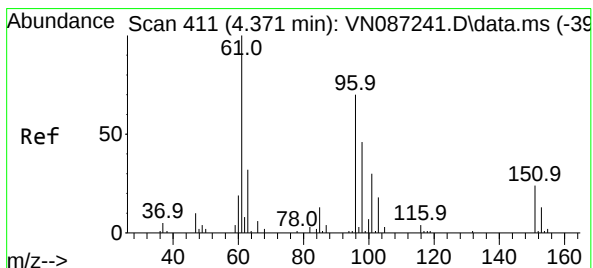
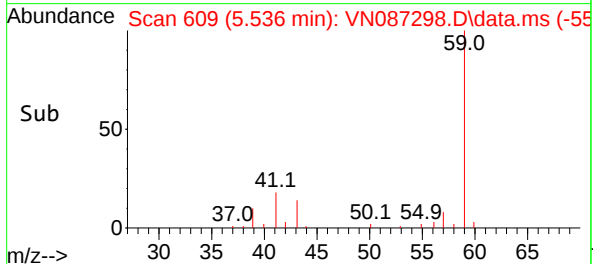
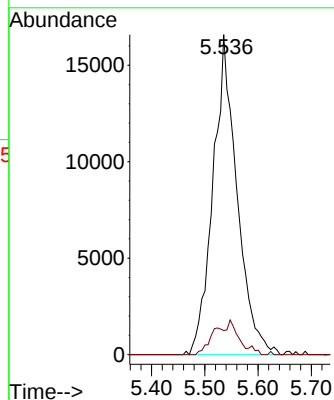
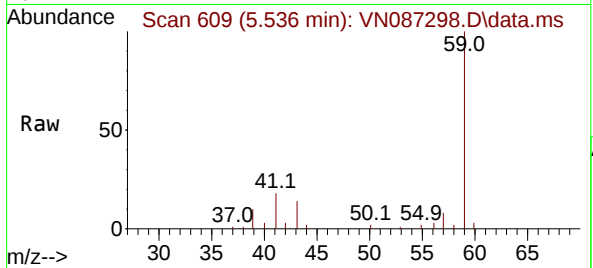
#11
Tert butyl alcohol
Concen: 98.789 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion: 59 Resp: 5197
Ion Ratio Lower Upper
59 100
57 5.8 8.6 12.8

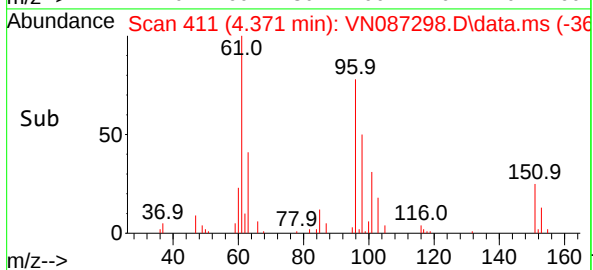
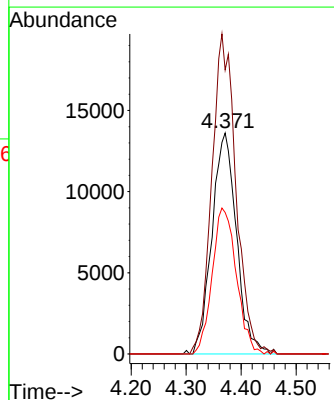
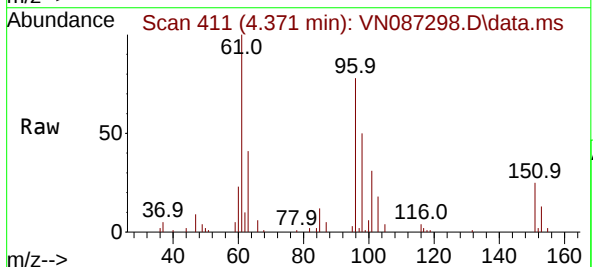
Manual Integrations
APPROVED

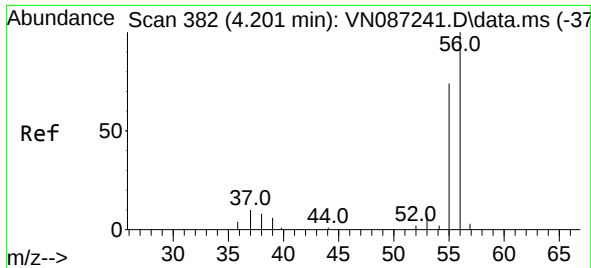
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#12
1,1-Dichloroethene
Concen: 19.783 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

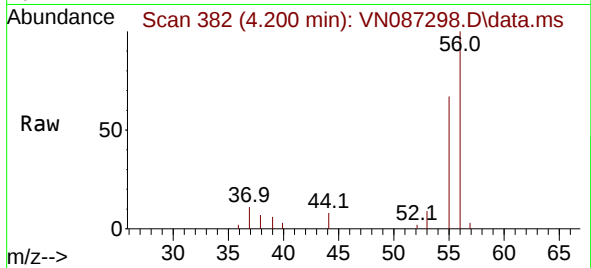
Tgt Ion: 96 Resp: 42311
Ion Ratio Lower Upper
96 100
61 128.5 114.4 171.6
98 64.0 53.0 79.6





#13
Acrolein
Concen: 76.005 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

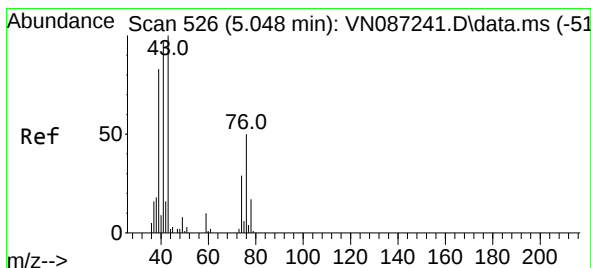
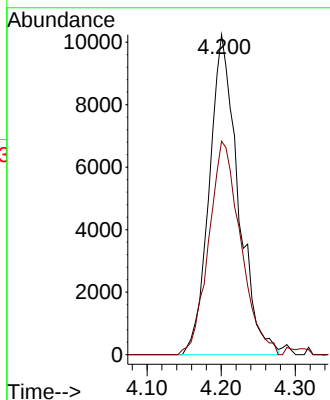
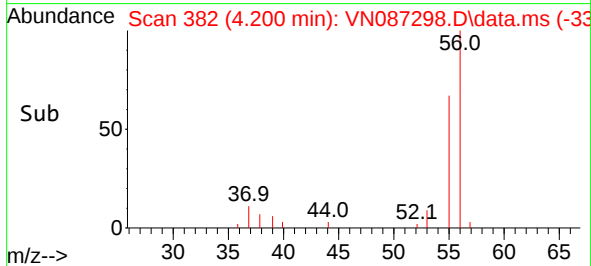
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 56 Resp: 2769
Ion Ratio Lower Upper
56 100
55 73.8 58.6 88.0

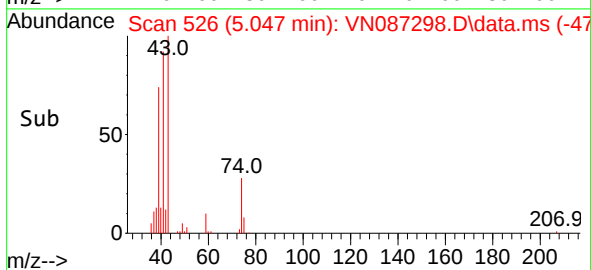
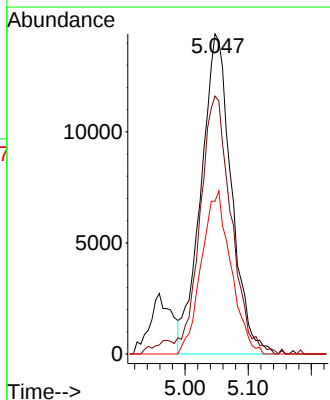
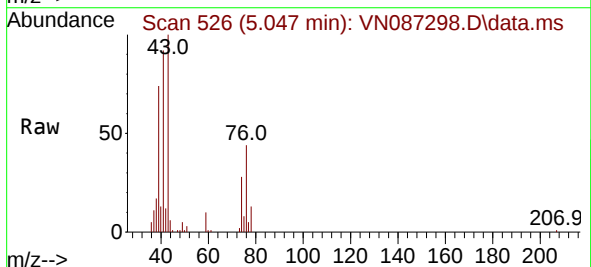
Manual Integrations
APPROVED

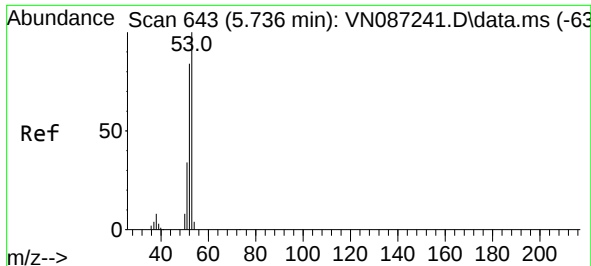
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#14
Allyl chloride
Concen: 18.348 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

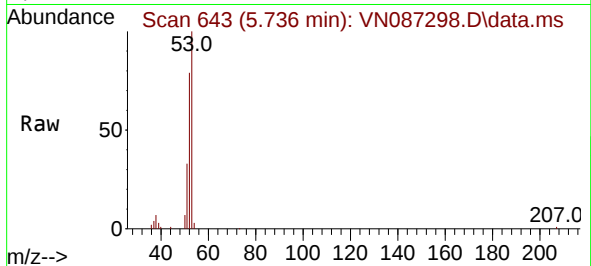
Tgt Ion: 41 Resp: 48093
Ion Ratio Lower Upper
41 100
39 82.4 66.3 99.5
76 49.4 38.6 58.0





#15
Acrylonitrile
Concen: 97.064 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

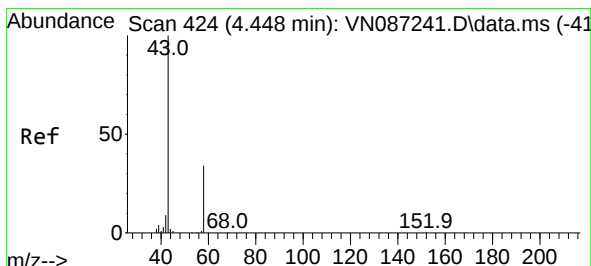
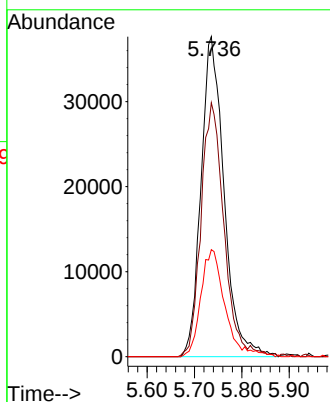
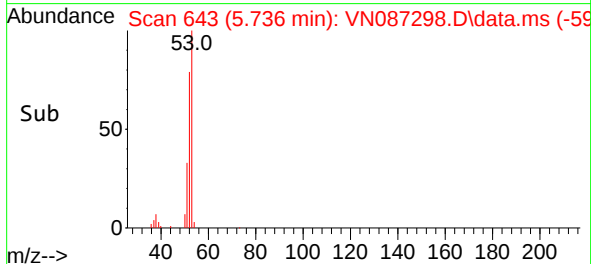
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



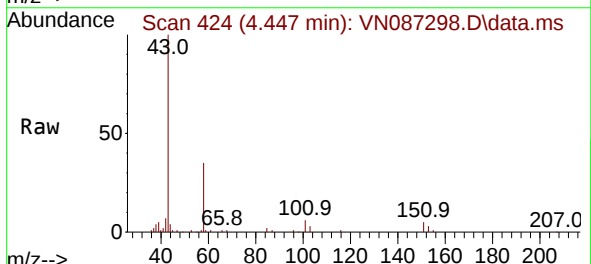
Tgt Ion: 53 Resp: 12713
Ion Ratio Lower Upper
53 100
52 79.1 66.5 99.7
51 35.0 29.1 43.7

Manual Integrations
APPROVED

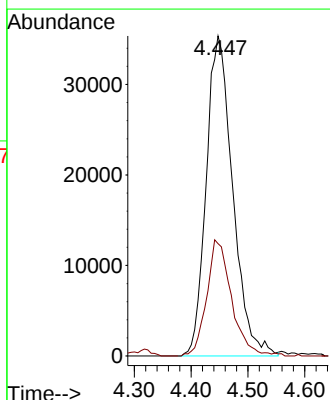
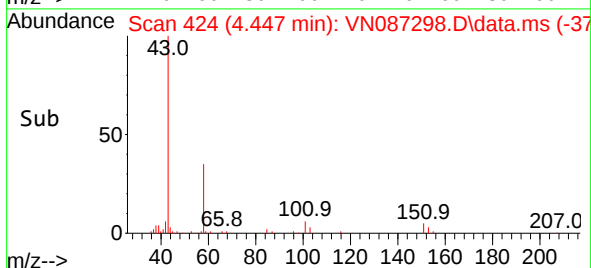
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

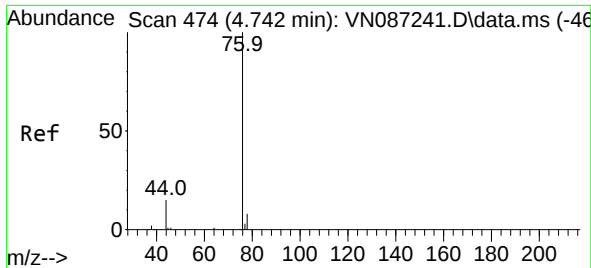


#16
Acetone
Concen: 103.902 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



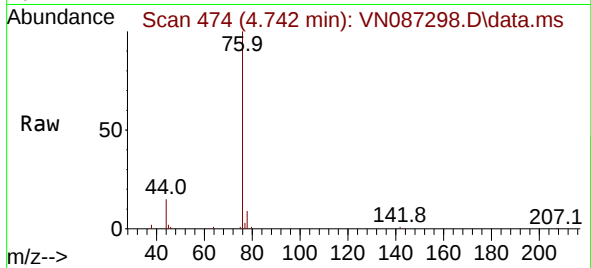
Tgt Ion: 43 Resp: 114670
Ion Ratio Lower Upper
43 100
58 35.1 27.1 40.7





#17
Carbon Disulfide
Concen: 18.069 ug/l
RT: 4.742 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

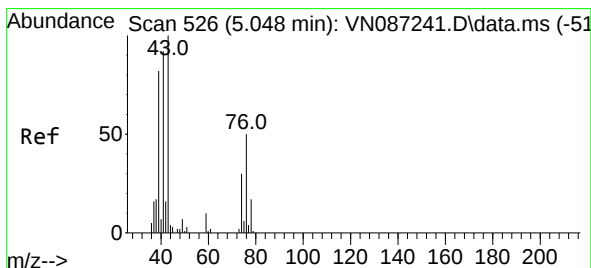
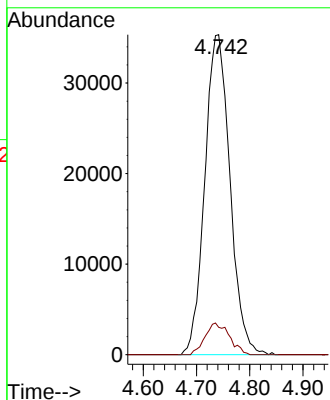
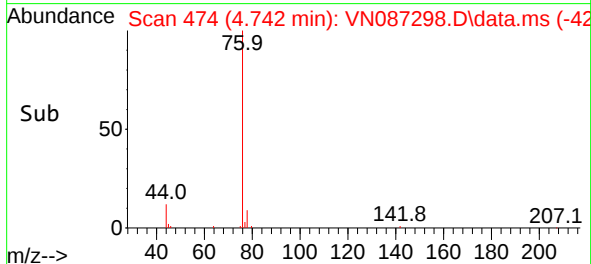
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 76 Resp: 11594
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

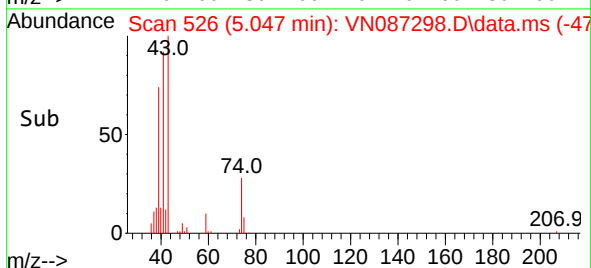
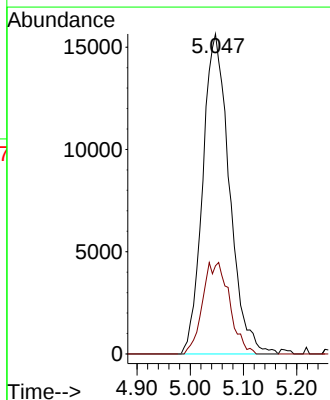
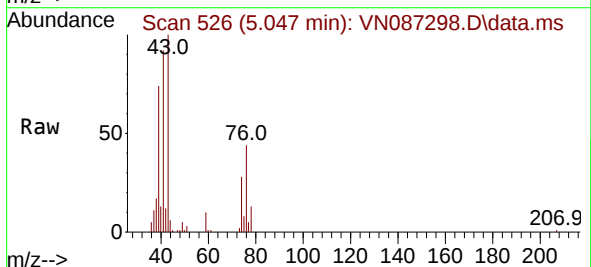
Manual Integrations
APPROVED

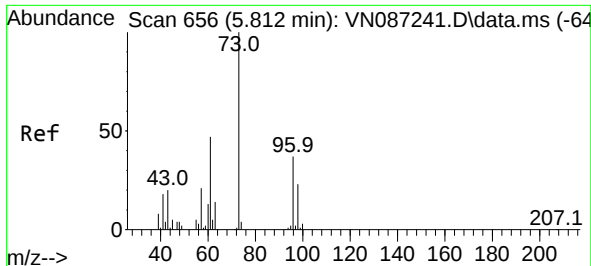
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#18
Methyl Acetate
Concen: 21.542 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

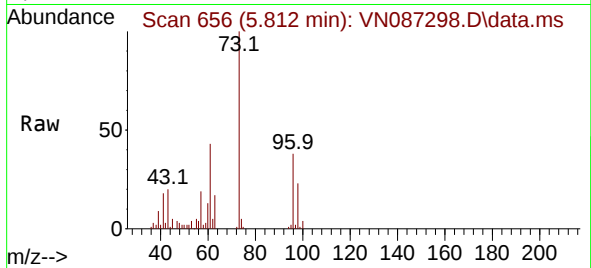
Tgt Ion: 43 Resp: 54427
Ion Ratio Lower Upper
43 100
74 29.0 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 18.625 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

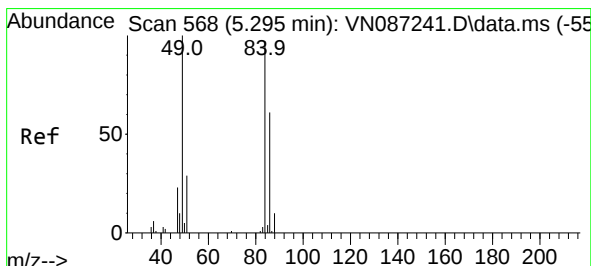
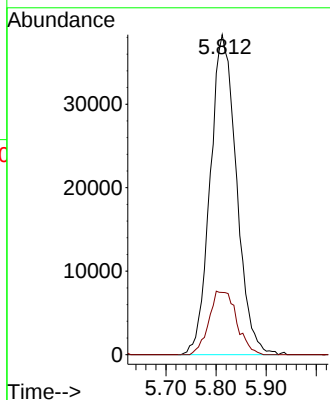
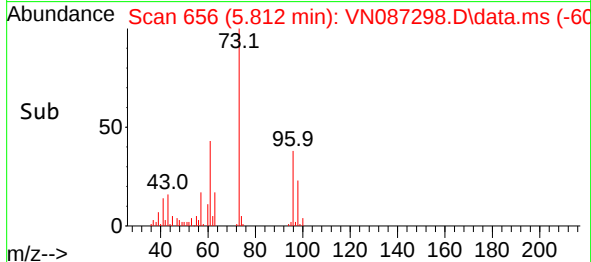
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 73 Resp: 139608
Ion Ratio Lower Upper
73 100
57 19.4 16.7 25.1

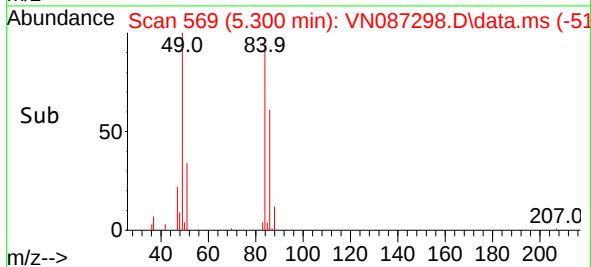
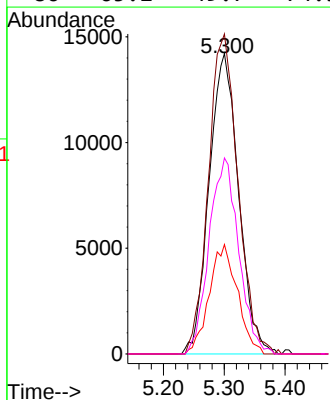
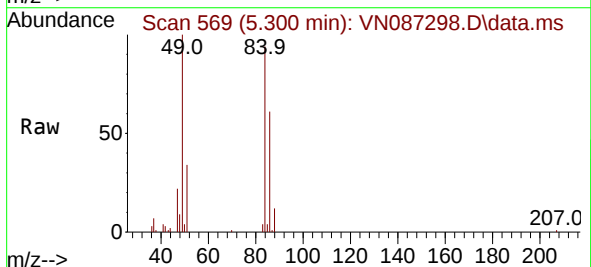
Manual Integrations
APPROVED

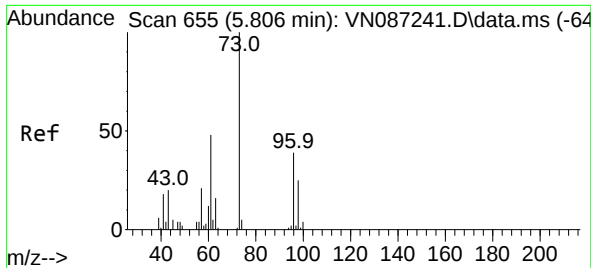
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#20
Methylene Chloride
Concen: 19.583 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

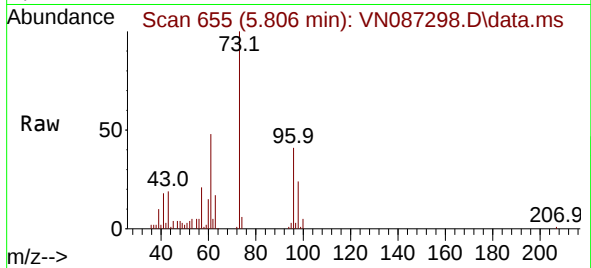
Tgt Ion: 84 Resp: 47876
Ion Ratio Lower Upper
84 100
49 106.5 82.1 123.1
51 36.4 23.5 35.3#
86 65.2 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 18.584 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

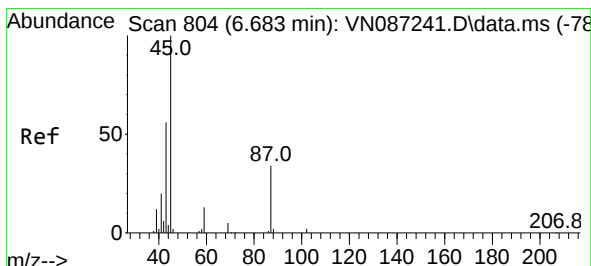
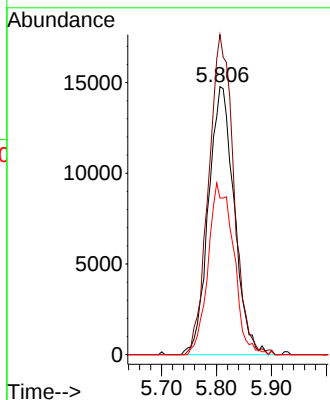
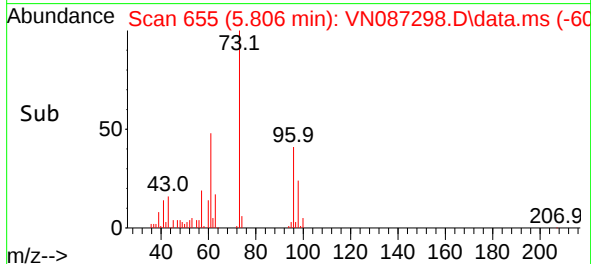
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



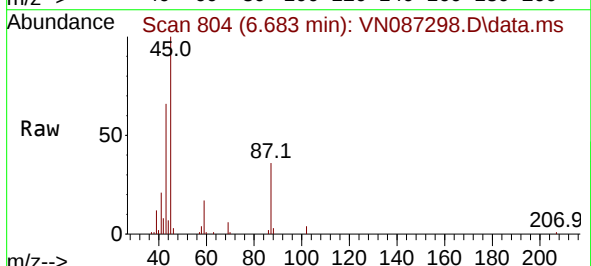
Tgt Ion: 96 Resp: 48028
Ion Ratio Lower Upper
96 100
61 119.4 98.2 147.2
98 58.4 50.0 75.0

Manual Integrations
APPROVED

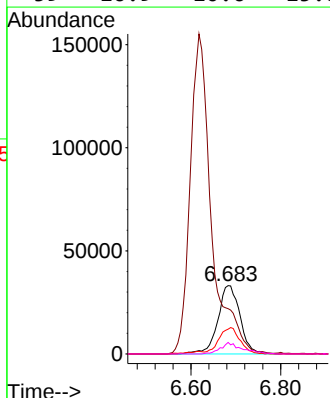
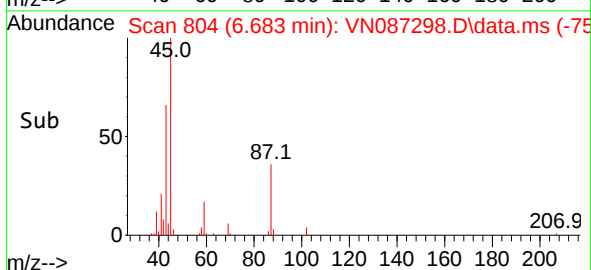
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

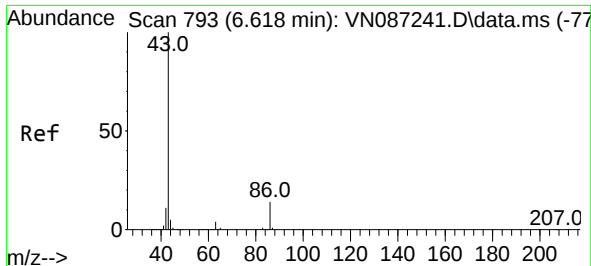


#22
Diisopropyl ether
Concen: 18.103 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



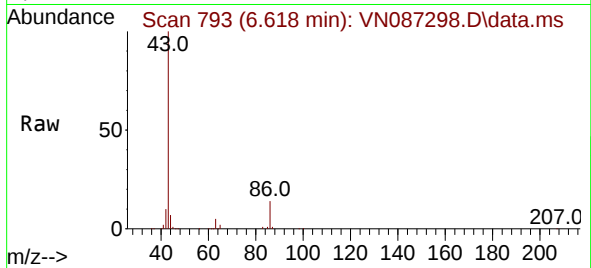
Tgt Ion: 45 Resp: 113609
Ion Ratio Lower Upper
45 100
43 64.9 50.1 75.1
87 36.3 27.5 41.3
59 16.9 10.6 15.8#





#23
 Vinyl Acetate
 Concen: 88.048 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087298.D
 Acq: 08 Jul 2025 14:39

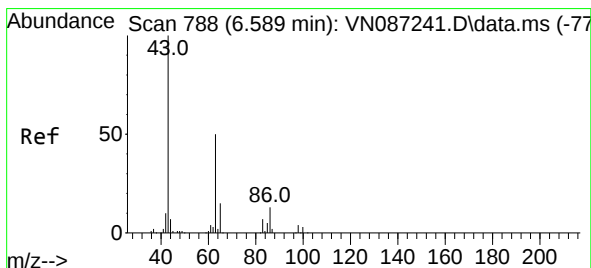
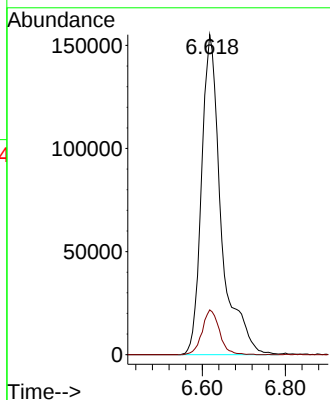
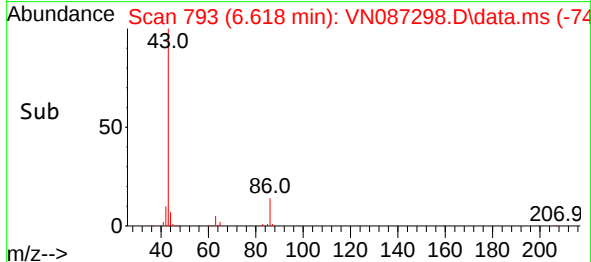
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01



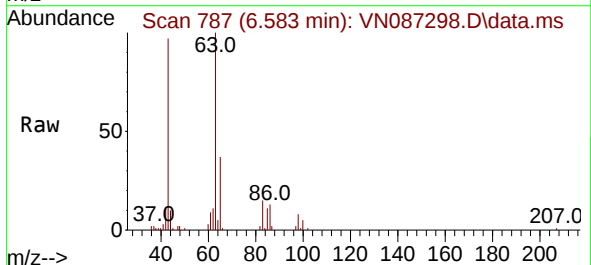
Tgt Ion: 43 Resp: 511025
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.0 16.4

Manual Integrations
 APPROVED

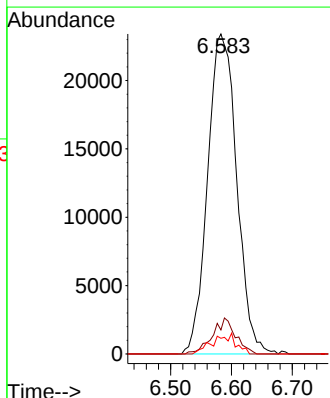
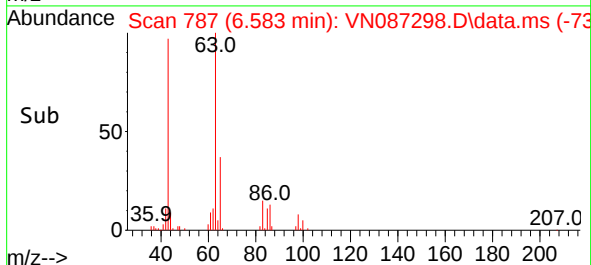
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

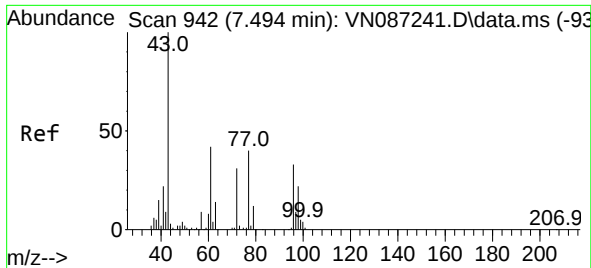


#24
 1,1-Dichloroethane
 Concen: 18.918 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087298.D
 Acq: 08 Jul 2025 14:39



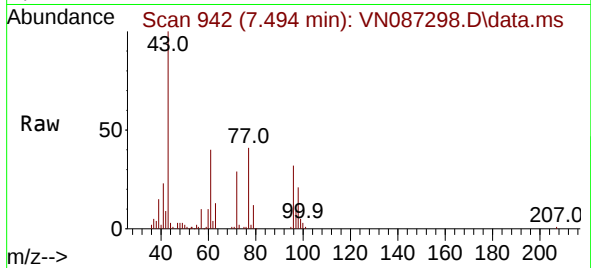
Tgt Ion: 63 Resp: 77788
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.9 2.7 8.1





#25
2-Butanone
Concen: 96.000 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

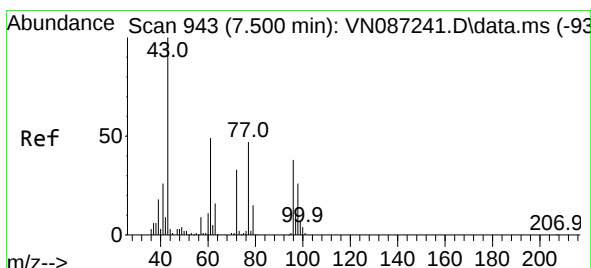
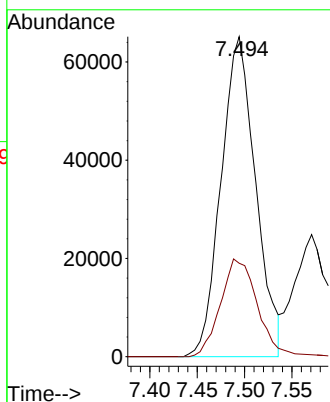
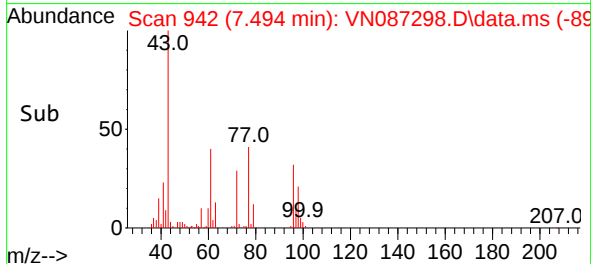
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



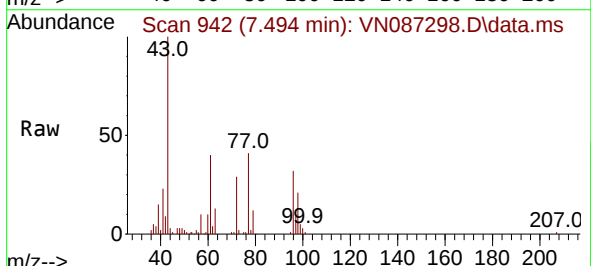
Tgt Ion: 43 Resp: 16557
Ion Ratio Lower Upper
43 100
72 29.2 24.8 37.2

Manual Integrations
APPROVED

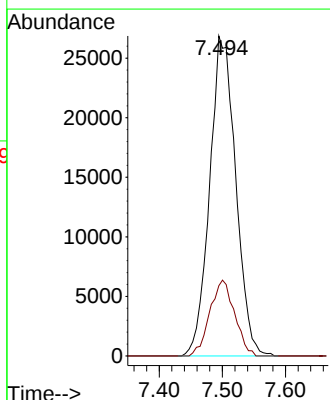
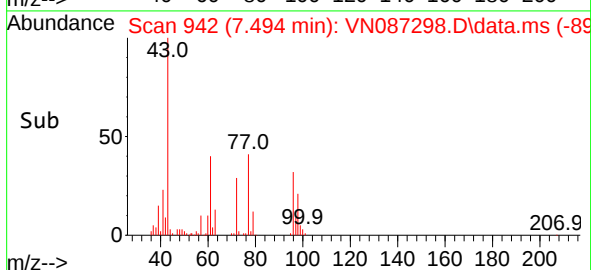
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

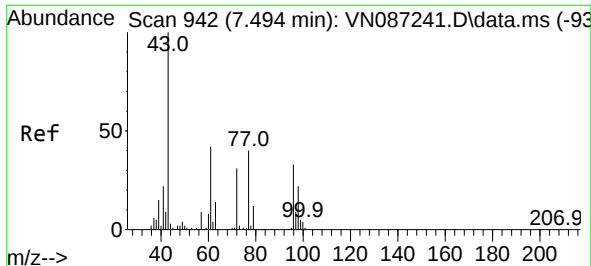


#26
2,2-Dichloropropane
Concen: 19.530 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



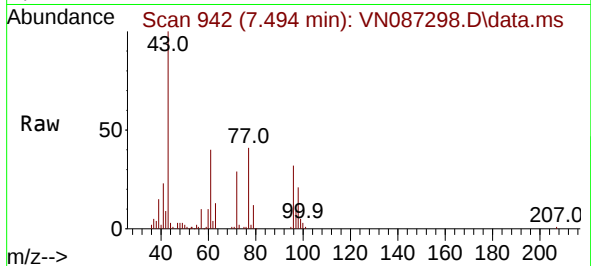
Tgt Ion: 77 Resp: 76843
Ion Ratio Lower Upper
77 100
97 22.6 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.023 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN087298.D
 Acq: 08 Jul 2025 14:39

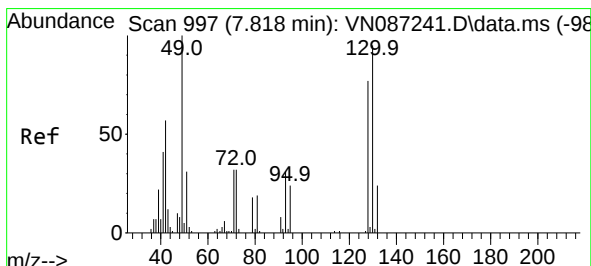
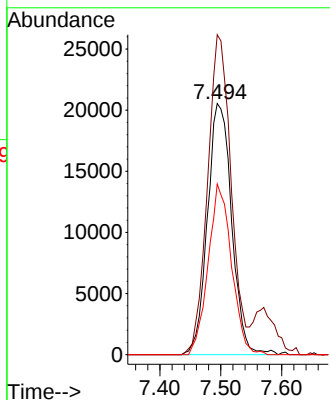
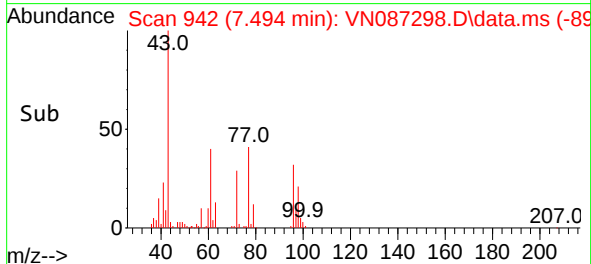
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01



Tgt Ion: 96 Resp: 56774
 Ion Ratio Lower Upper
 96 100
 61 124.3 0.0 258.8
 98 65.4 0.0 130.8

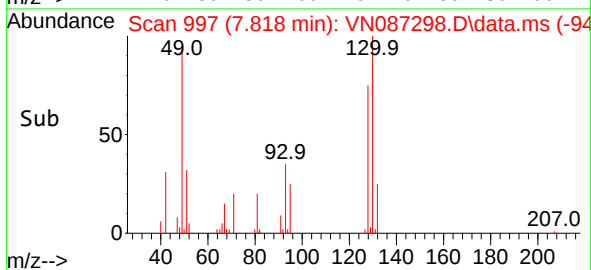
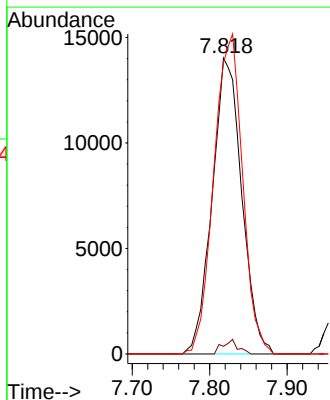
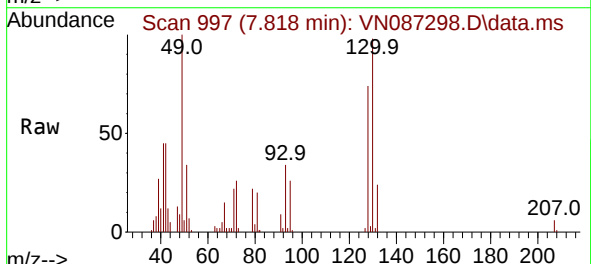
Manual Integrations
 APPROVED

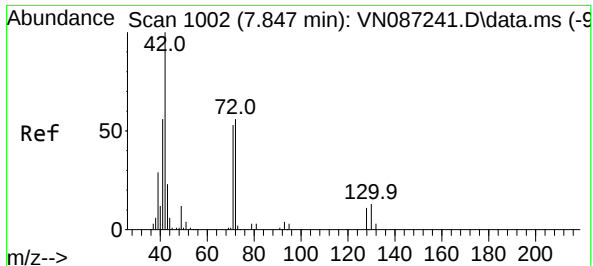
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#28
 Bromochloromethane
 Concen: 20.503 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN087298.D
 Acq: 08 Jul 2025 14:39

Tgt Ion: 49 Resp: 37210
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 105.1 78.4 117.6





#29

Tetrahydrofuran

Concen: 95.907 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN087298.D

Acq: 08 Jul 2025 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBS01

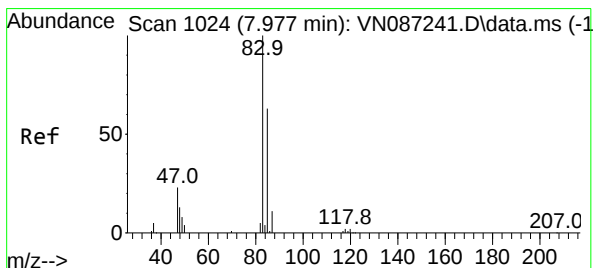
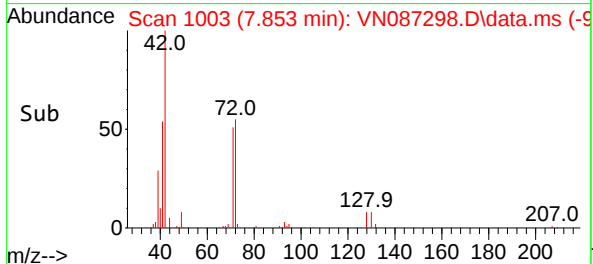
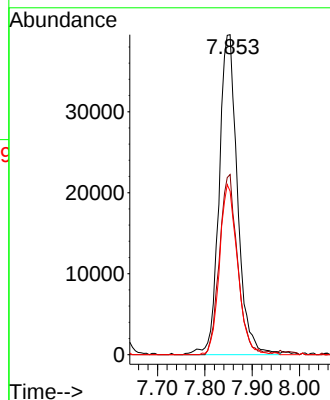
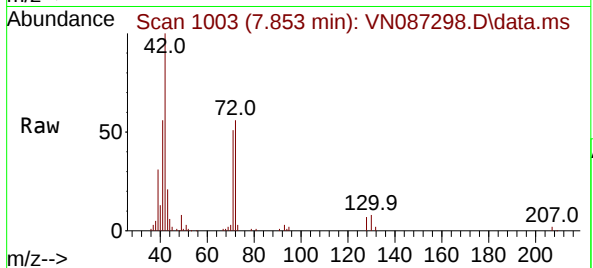
Tgt Ion:	42	Resp:	10659
Ion Ratio	Lower	Upper	
42	100		
72	55.4	44.2	66.4
71	52.1	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#30

Chloroform

Concen: 19.778 ug/l

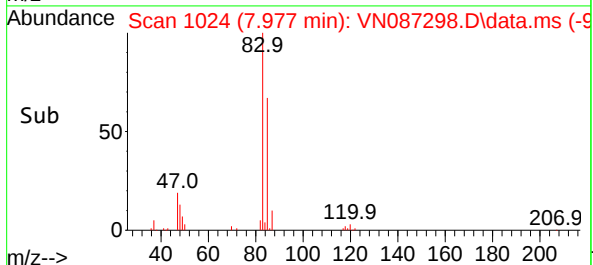
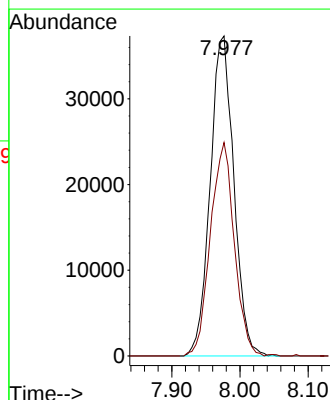
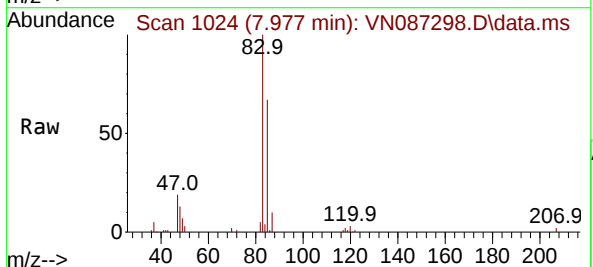
RT: 7.977 min Scan# 1024

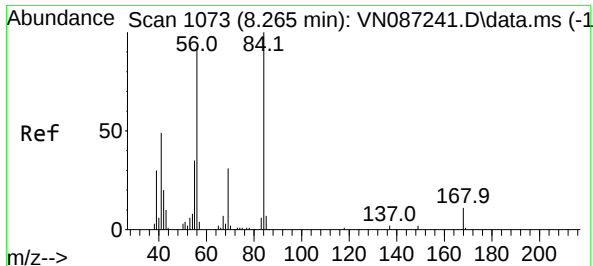
Delta R.T. -0.000 min

Lab File: VN087298.D

Acq: 08 Jul 2025 14:39

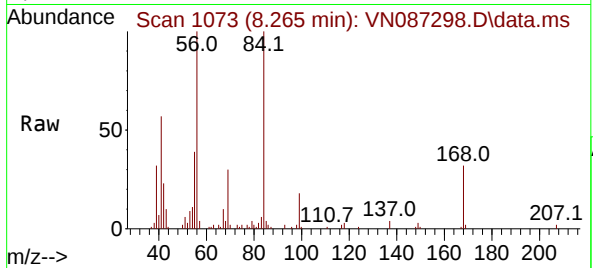
Tgt Ion:	83	Resp:	90136
Ion Ratio	Lower	Upper	
83	100		
85	66.7	50.3	75.5





#31
Cyclohexane
Concen: 17.272 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

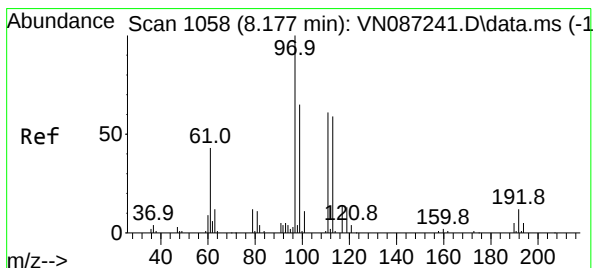
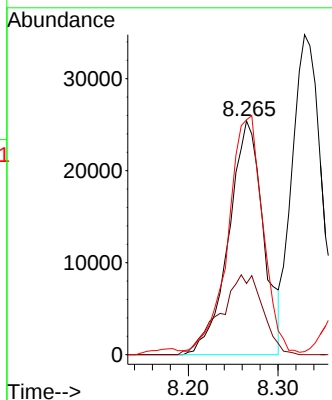
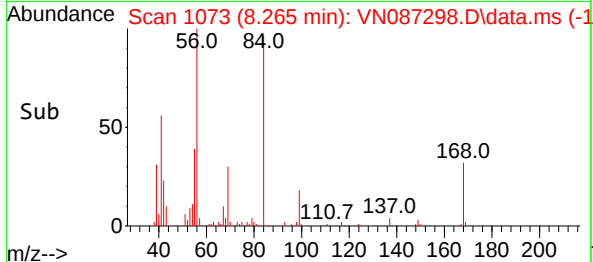
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 56 Resp: 67902
Ion Ratio Lower Upper
56 100
69 30.5 27.0 40.6
84 98.7 86.2 129.4

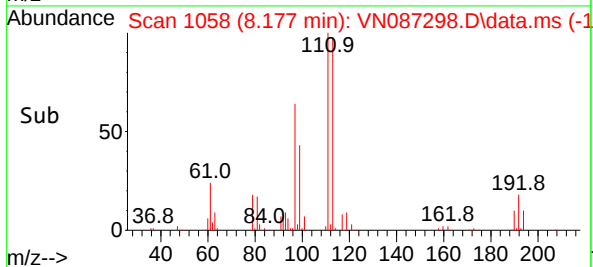
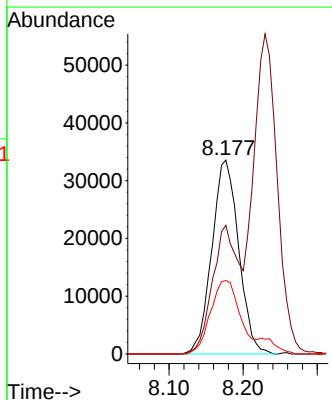
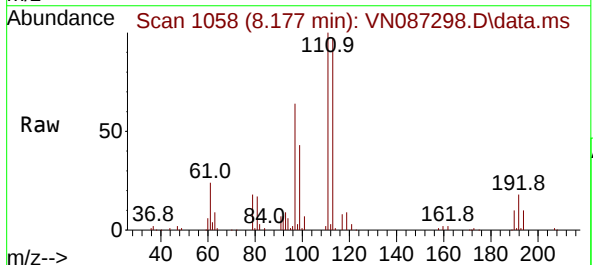
Manual Integrations
APPROVED

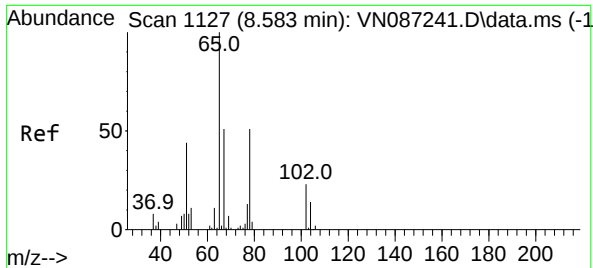
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#32
1,1,1-Trichloroethane
Concen: 19.840 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Tgt Ion: 97 Resp: 84208
Ion Ratio Lower Upper
97 100
99 65.7 49.5 74.3
61 42.0 35.2 52.8





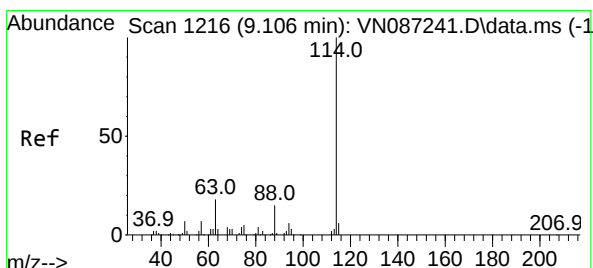
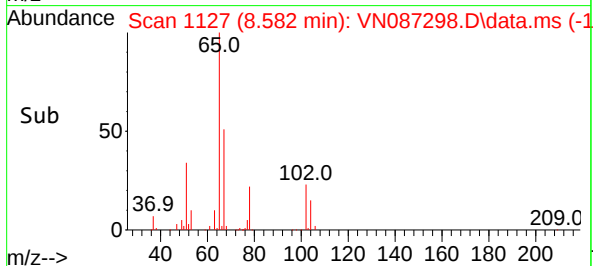
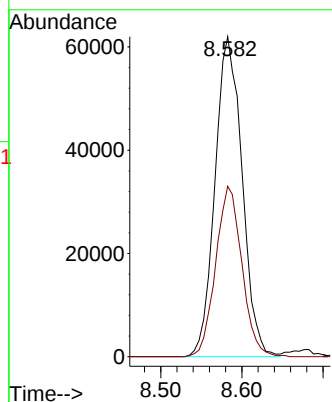
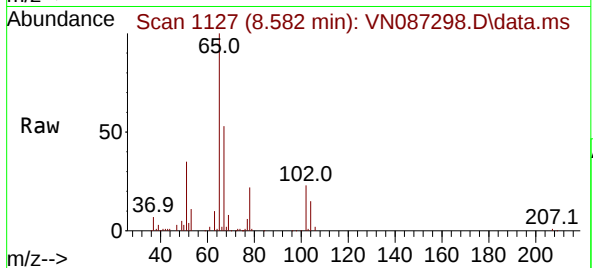
#33
1,2-Dichloroethane-d4
Concen: 49.776 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion: 65 Resp: 143688
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.6

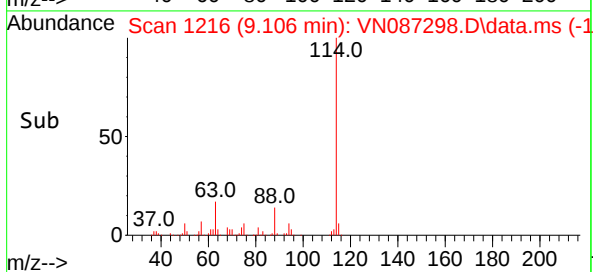
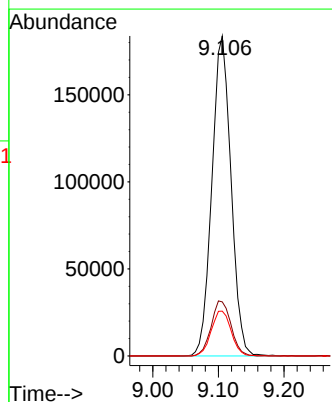
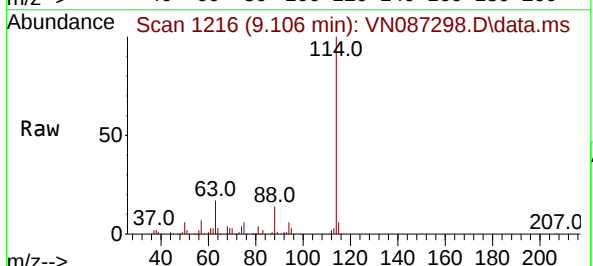
Manual Integrations
APPROVED

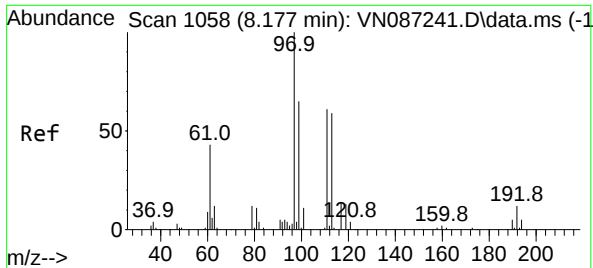
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

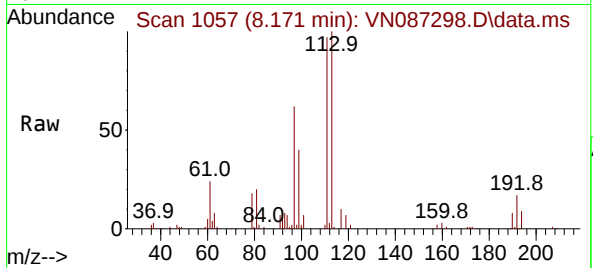
Tgt Ion:114 Resp: 371724
Ion Ratio Lower Upper
114 100
63 16.9 0.0 36.6
88 14.0 0.0 29.6





#35
Dibromofluoromethane
Concen: 53.360 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

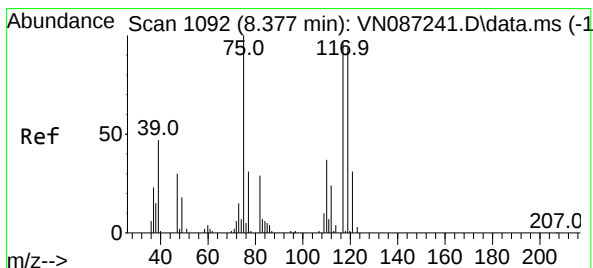
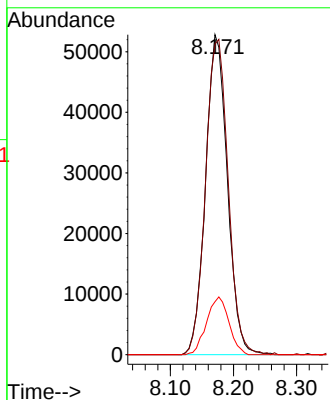
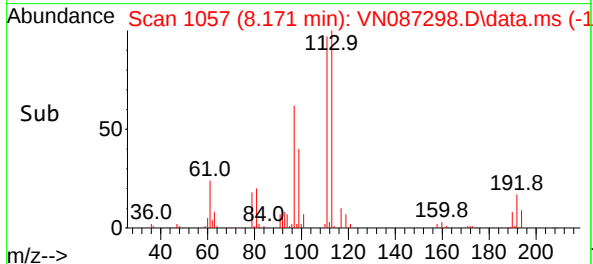
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 113 Resp: 127000
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 18.5 15.1 22.7

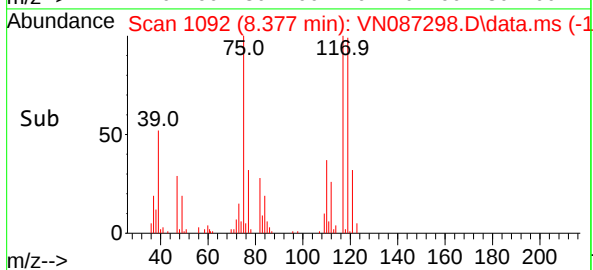
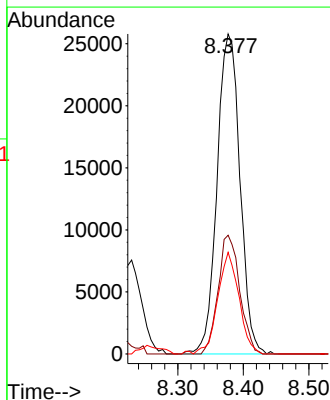
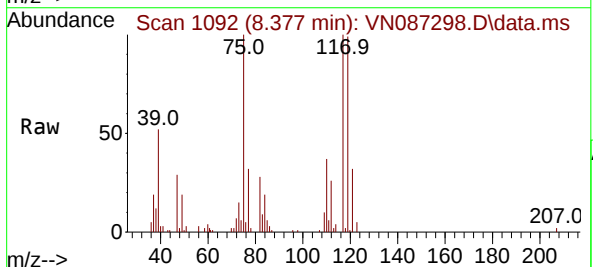
Manual Integrations
APPROVED

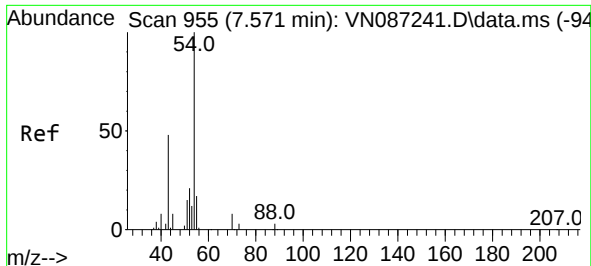
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#36
1,1-Dichloropropene
Concen: 19.303 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Tgt Ion: 75 Resp: 62479
Ion Ratio Lower Upper
75 100
110 35.0 18.7 56.1
77 29.6 24.5 36.7





#37

Ethyl Acetate

Concen: 19.134 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087298.D

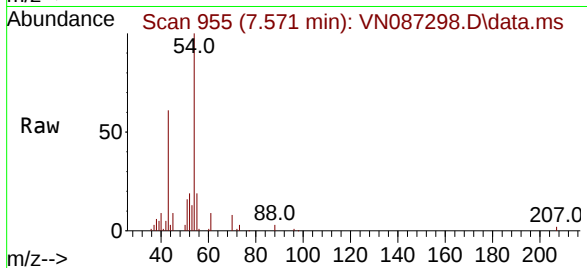
Acq: 08 Jul 2025 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBS01



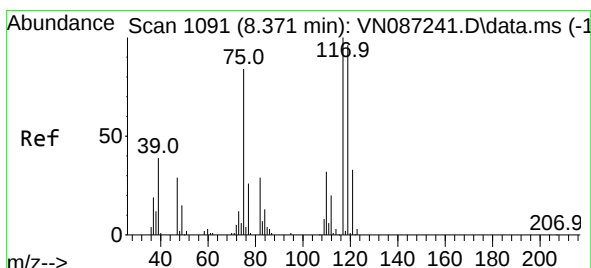
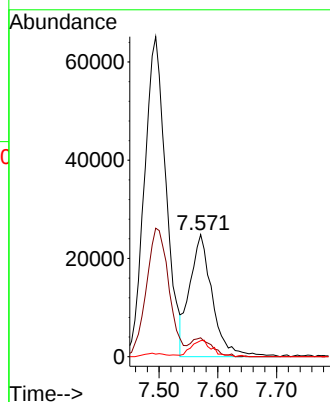
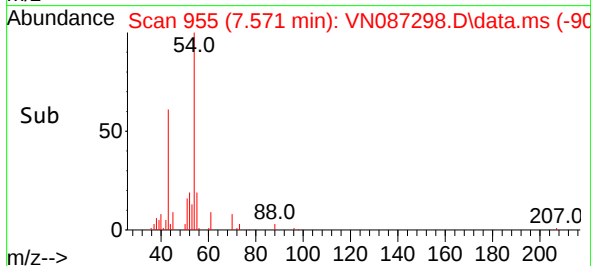
Tgt Ion:	43	Resp:	6657
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	12.3	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#38

Carbon Tetrachloride

Concen: 20.488 ug/l

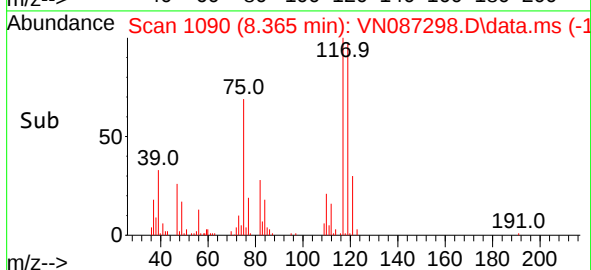
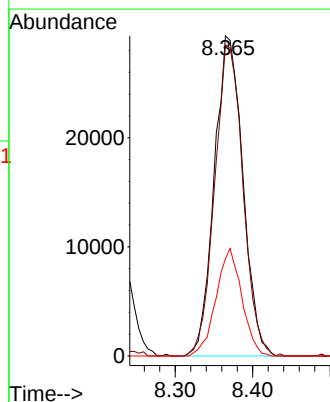
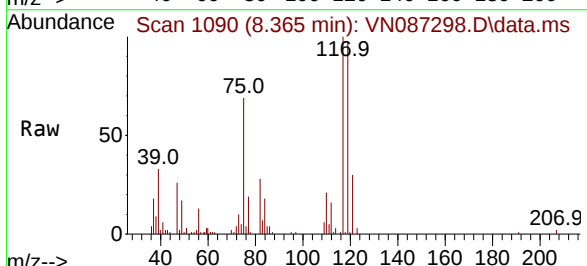
RT: 8.365 min Scan# 1090

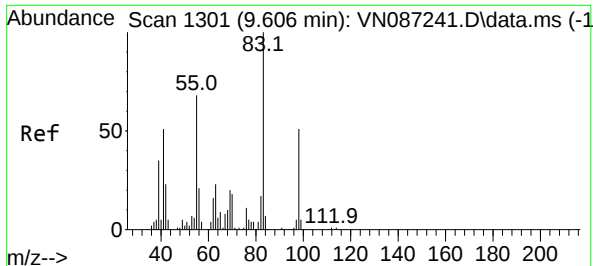
Delta R.T. -0.006 min

Lab File: VN087298.D

Acq: 08 Jul 2025 14:39

Tgt Ion:	117	Resp:	75143
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.2	115.8
121	30.4	26.6	39.8





#39

Methylcyclohexane

Concen: 17.763 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN087298.D

Acq: 08 Jul 2025 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBS01

Tgt Ion: 83 Resp: 68470

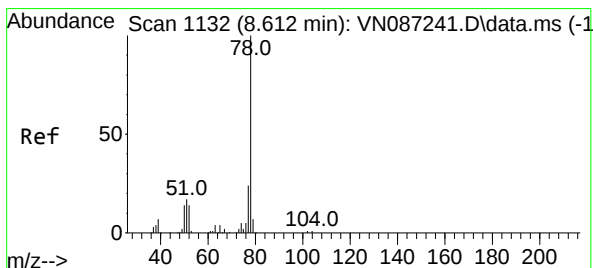
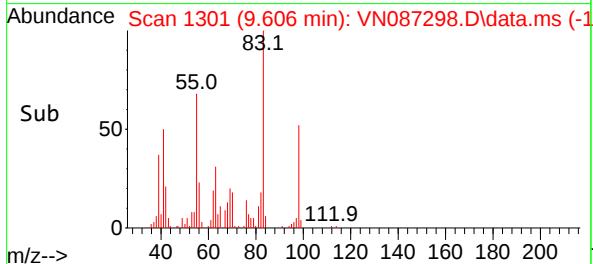
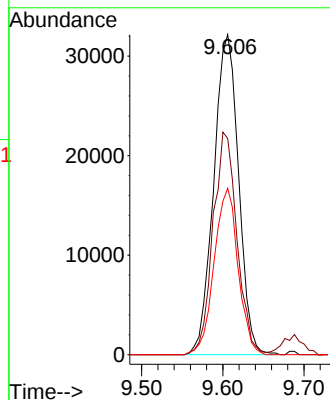
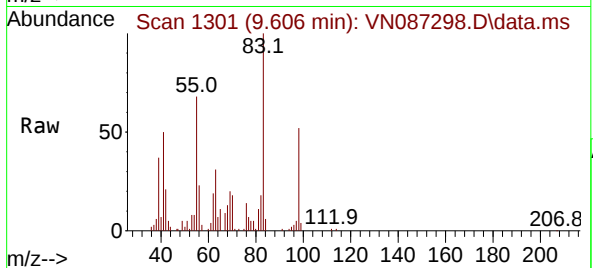
Ion	Ratio	Lower	Upper
83	100		
55	67.6	54.6	81.8
98	52.0	41.2	61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#40

Benzene

Concen: 19.065 ug/l

RT: 8.612 min Scan# 1132

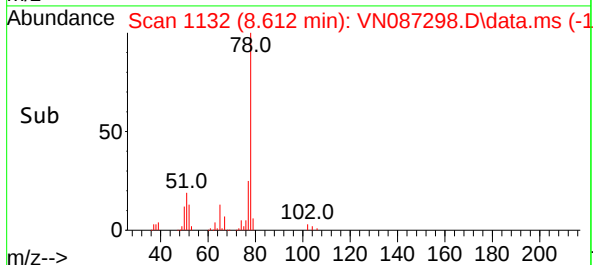
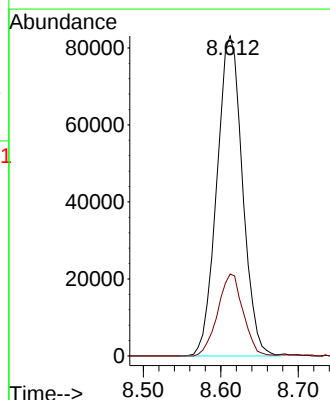
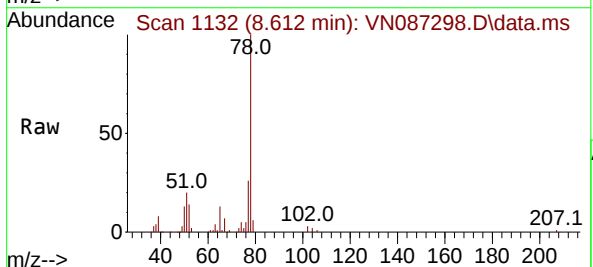
Delta R.T. -0.000 min

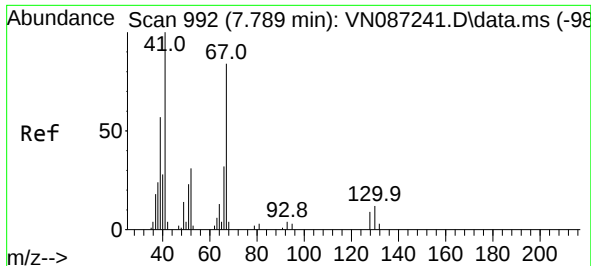
Lab File: VN087298.D

Acq: 08 Jul 2025 14:39

Tgt Ion: 78 Resp: 191179

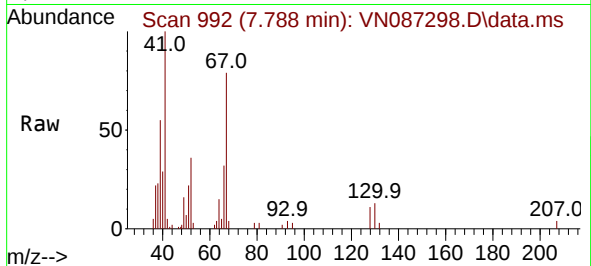
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.5	29.3





#41
Methacrylonitrile
Concen: 18.783 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

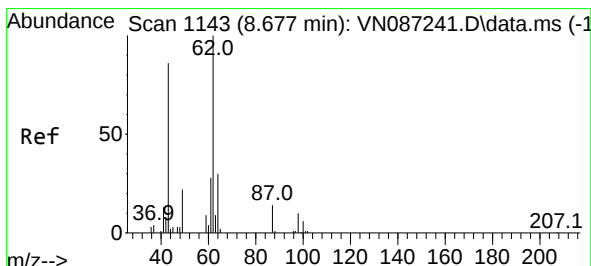
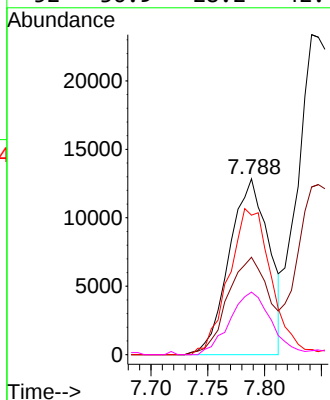
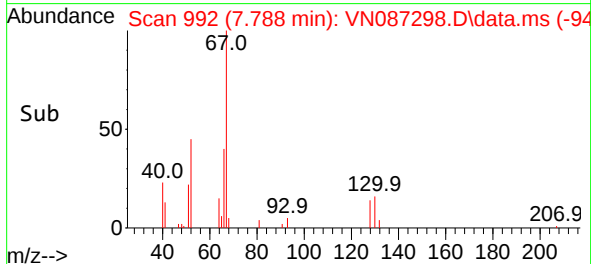
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



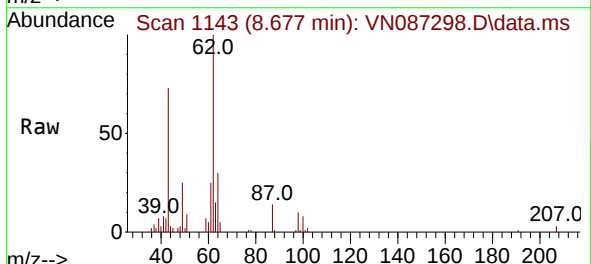
Tgt Ion:	41	Resp:	31249
Ion Ratio	100	Lower	Upper
41	100		
39	57.4	46.4	69.6
67	89.3	70.8	106.2
52	36.9	28.2	42.4

Manual Integrations
APPROVED

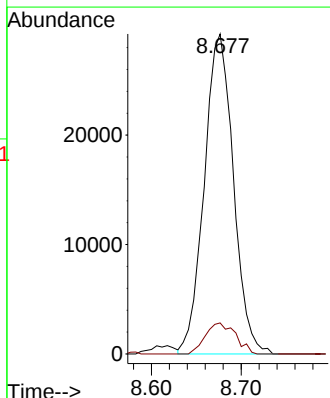
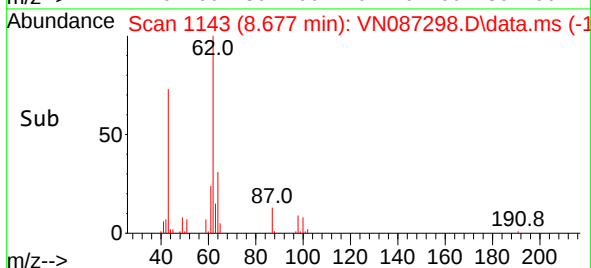
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

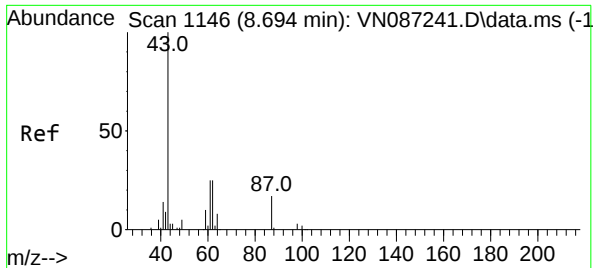


#42
1,2-Dichloroethane
Concen: 19.785 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



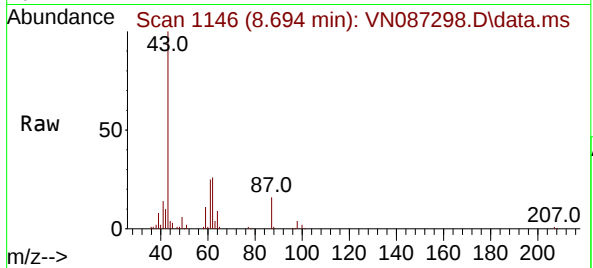
Tgt Ion:	62	Resp:	65979
Ion Ratio	100	Lower	Upper
62	100		
98	10.0	0.0	19.8





#43
Isopropyl Acetate
Concen: 18.449 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

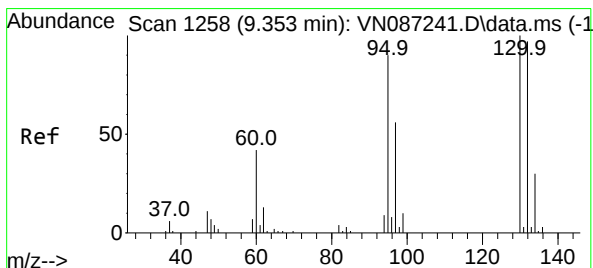
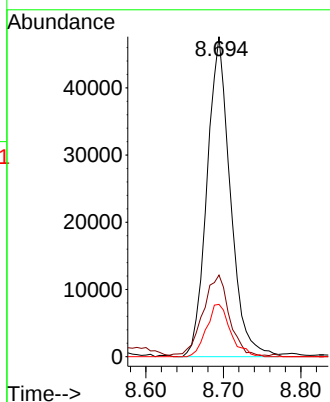
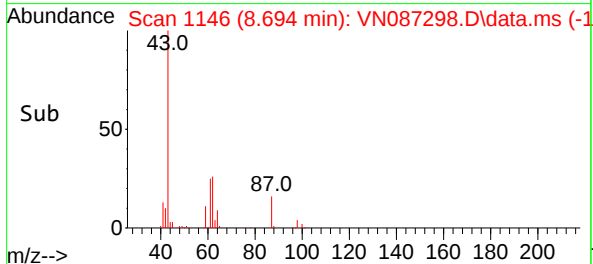
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



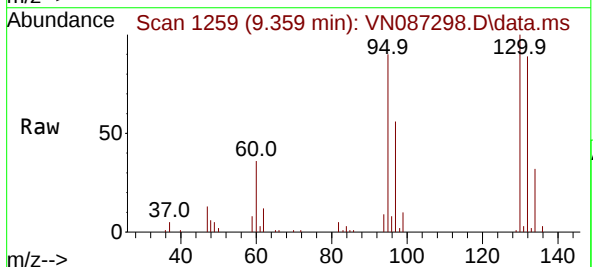
Tgt Ion: 43 Resp: 99552
Ion Ratio Lower Upper
43 100
61 28.3 22.4 33.6
87 16.8 12.8 19.2

Manual Integrations
APPROVED

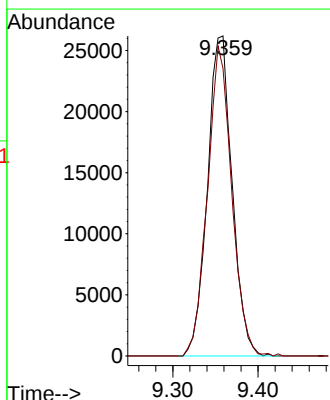
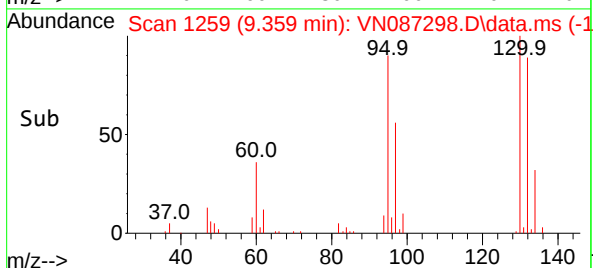
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

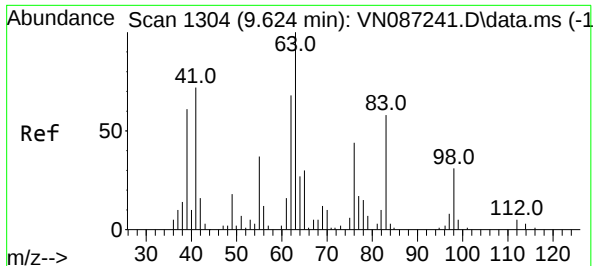


#44
Trichloroethene
Concen: 19.776 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



Tgt Ion:130 Resp: 52695
Ion Ratio Lower Upper
130 100
95 89.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.587 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087298.D

Acq: 08 Jul 2025 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBS01

Tgt Ion: 63 Resp: 4282

Ion Ratio Lower Upper

63 100

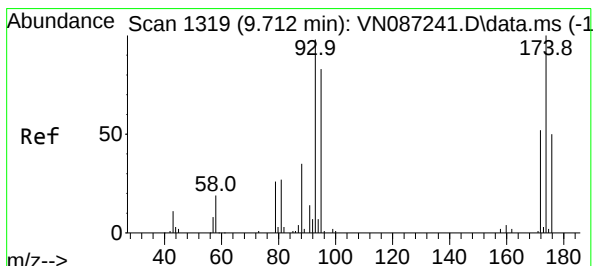
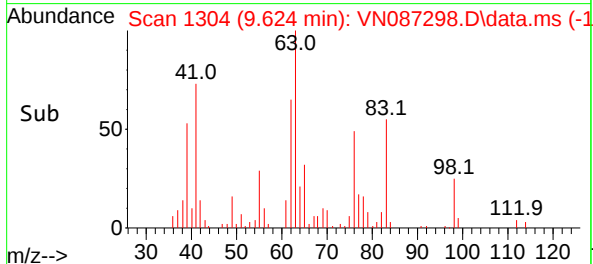
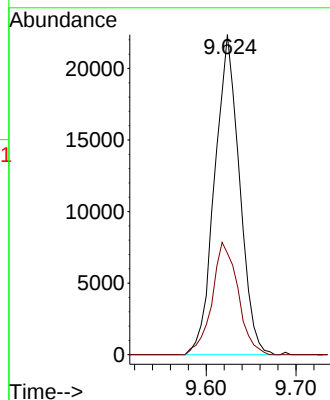
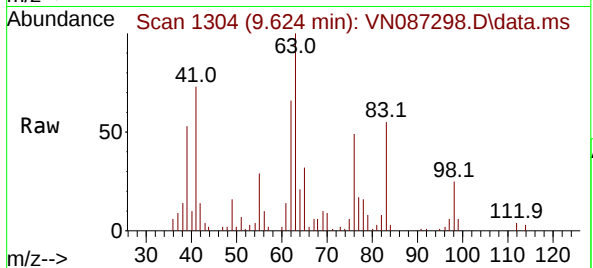
65 31.7 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#46

Dibromomethane

Concen: 19.538 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087298.D

Acq: 08 Jul 2025 14:39

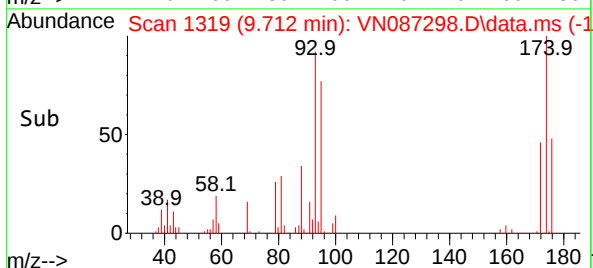
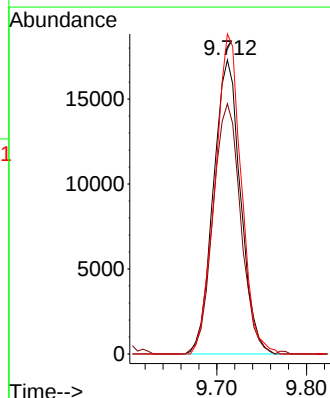
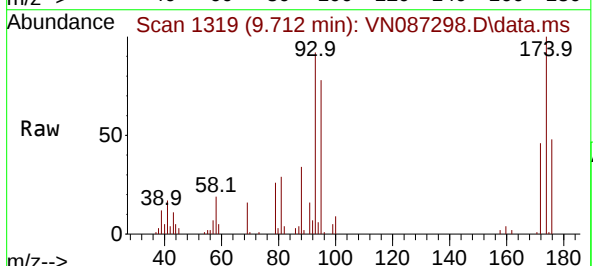
Tgt Ion: 93 Resp: 36341

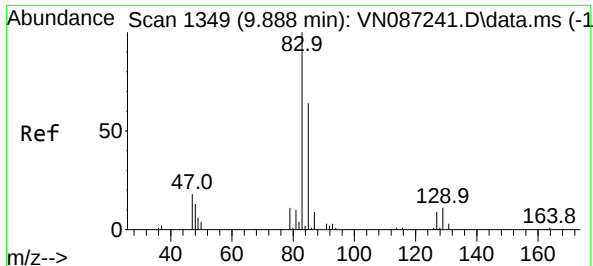
Ion Ratio Lower Upper

93 100

95 86.6 66.1 99.1

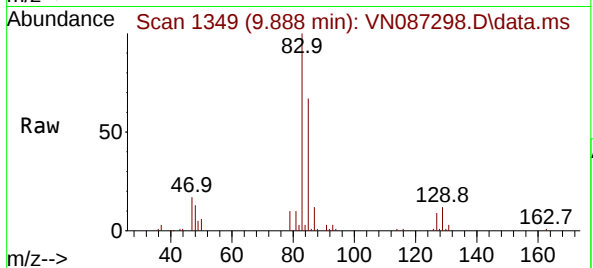
174 105.2 81.8 122.6





#47
Bromodichloromethane
Concen: 20.037 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

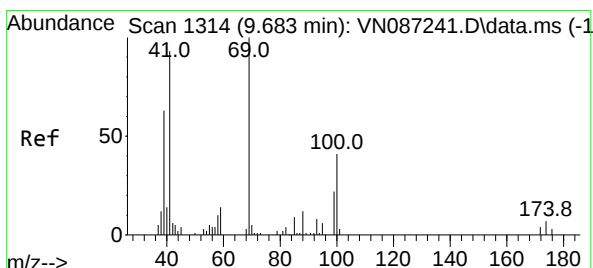
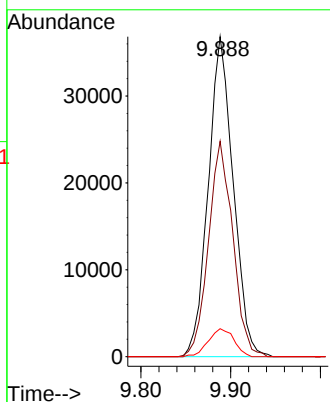
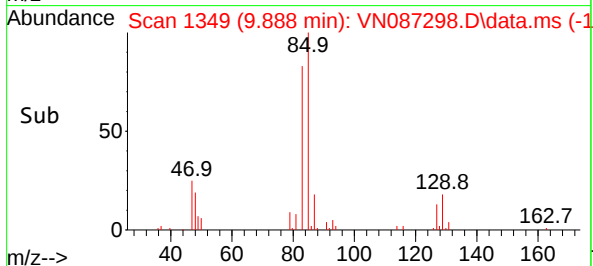
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 83 Resp: 71079
Ion Ratio Lower Upper
83 100
85 67.3 51.2 76.8
127 8.8 7.0 10.4

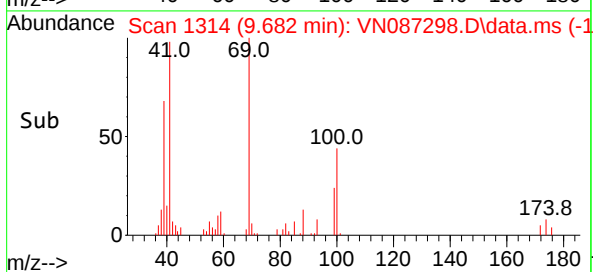
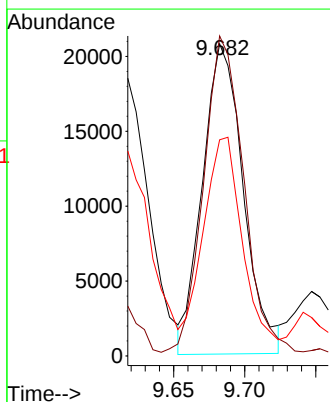
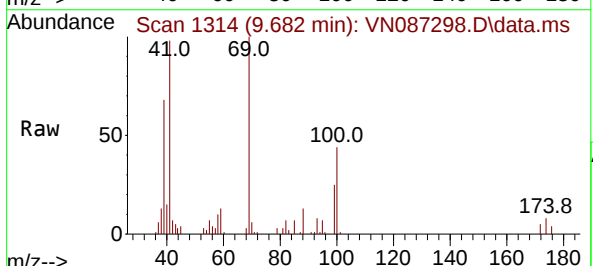
Manual Integrations
APPROVED

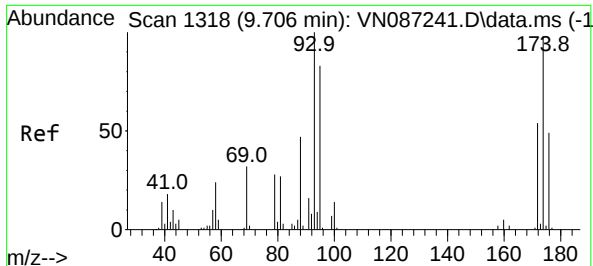
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#48
Methyl methacrylate
Concen: 18.207 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Tgt Ion: 41 Resp: 41407
Ion Ratio Lower Upper
41 100
69 100.3 81.4 122.2
39 68.8 56.9 85.3





#49

1,4-Dioxane

Concen: 418.827 ug/l

RT: 9.700 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN087298.D

Acq: 08 Jul 2025 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBS01

Tgt Ion: 88 Resp: 1937

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

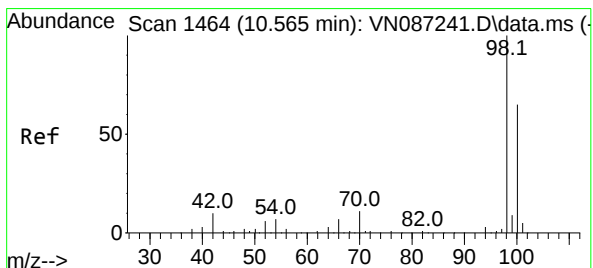
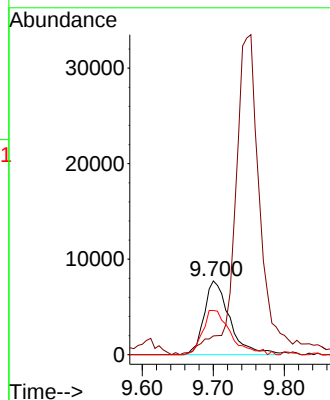
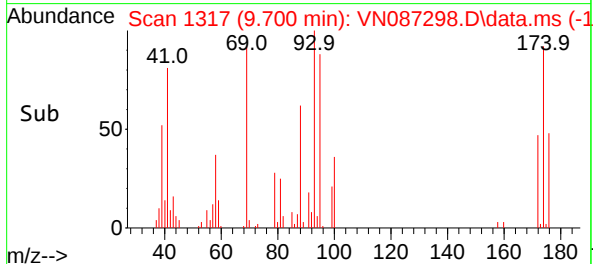
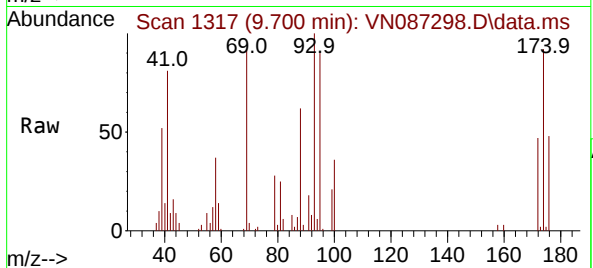
58 65.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#50

Toluene-d8

Concen: 50.851 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087298.D

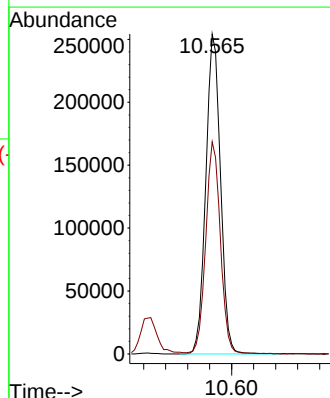
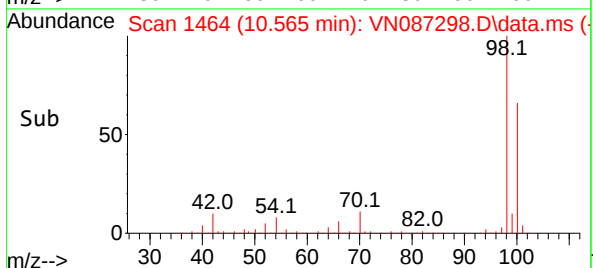
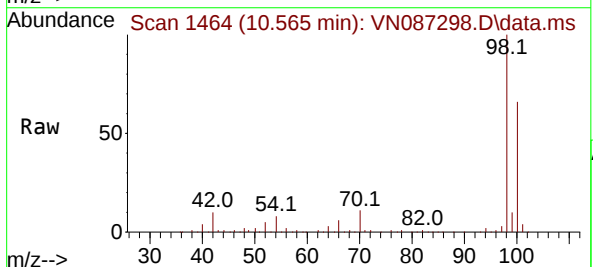
Acq: 08 Jul 2025 14:39

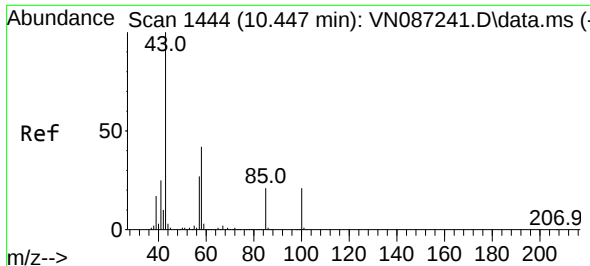
Tgt Ion: 98 Resp: 471767

Ion Ratio Lower Upper

98 100

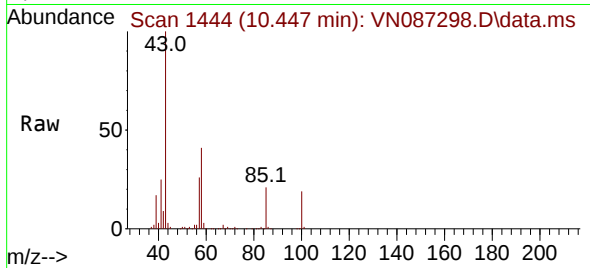
100 65.9 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 95.459 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

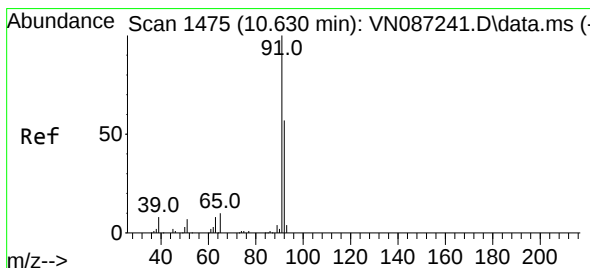
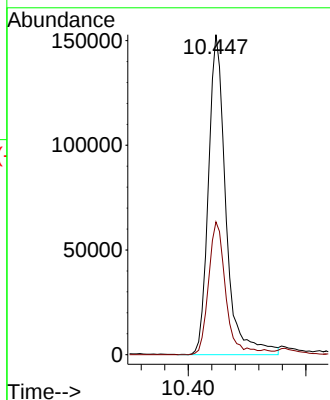
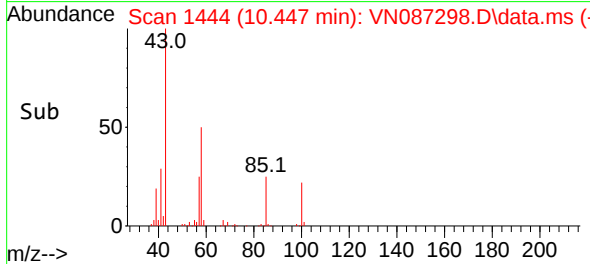
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 43 Resp: 31516
Ion Ratio Lower Upper
43 100
58 40.7 34.2 51.2

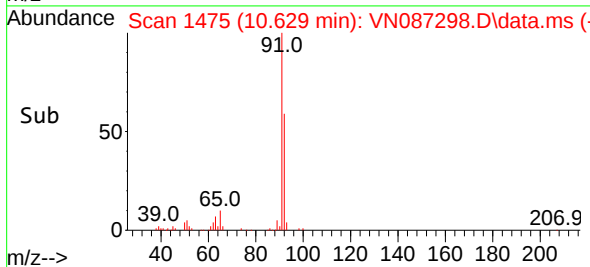
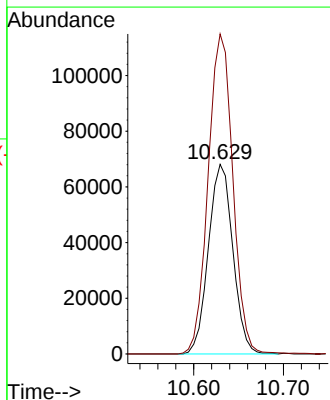
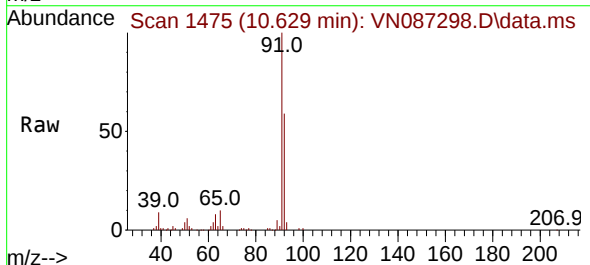
Manual Integrations
APPROVED

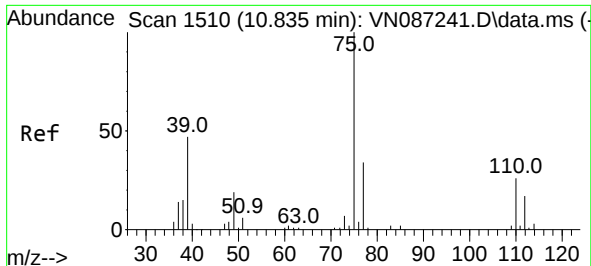
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#52
Toluene
Concen: 19.591 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

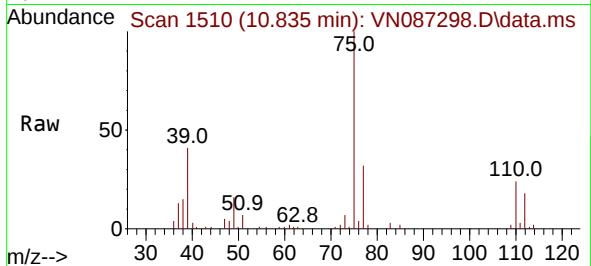
Tgt Ion: 92 Resp: 128840
Ion Ratio Lower Upper
92 100
91 171.0 137.8 206.6





#53
t-1,3-Dichloropropene
Concen: 19.086 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

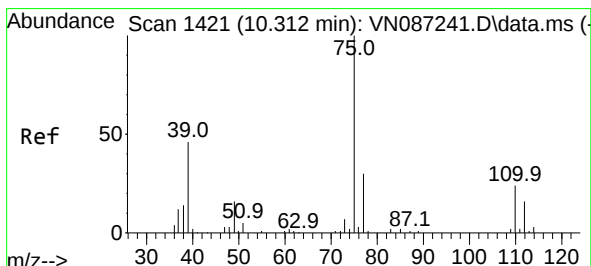
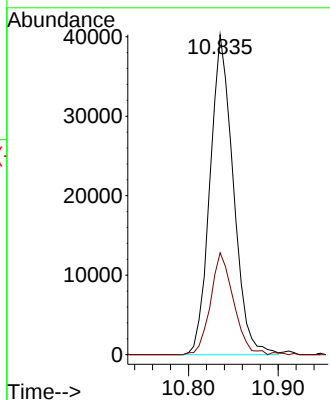
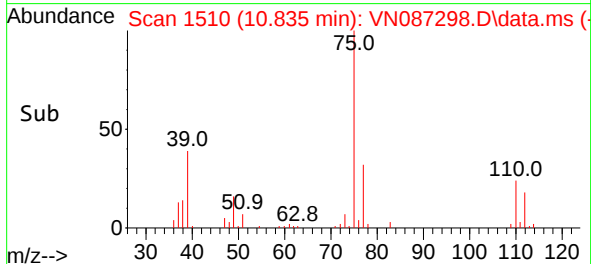
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 75 Resp: 7261
Ion Ratio Lower Upper
75 100
77 31.8 27.1 40.7

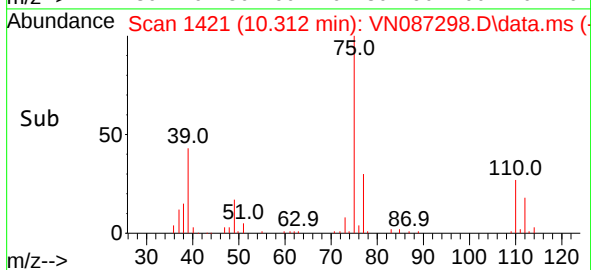
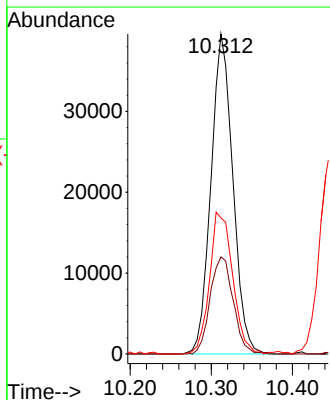
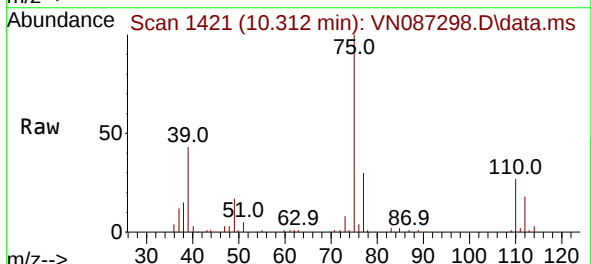
Manual Integrations
APPROVED

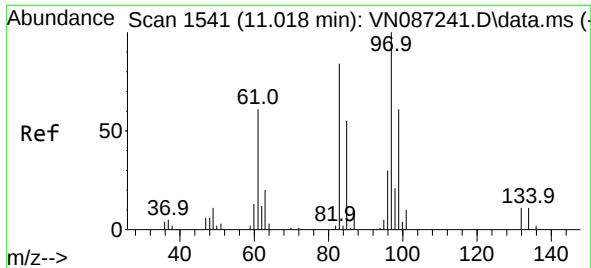
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#54
cis-1,3-Dichloropropene
Concen: 19.117 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

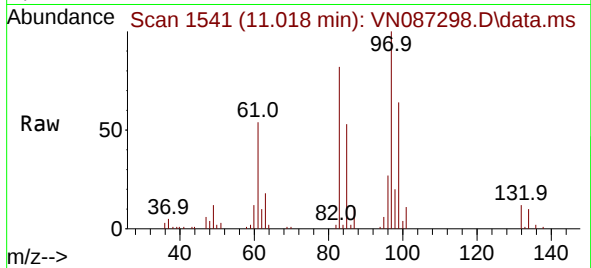
Tgt Ion: 75 Resp: 74106
Ion Ratio Lower Upper
75 100
77 30.3 24.1 36.1
39 42.6 36.7 55.1





#55
1,1,2-Trichloroethane
Concen: 19.970 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

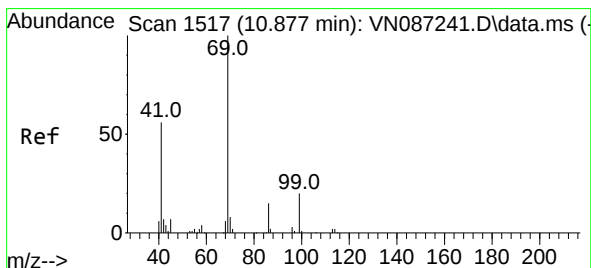
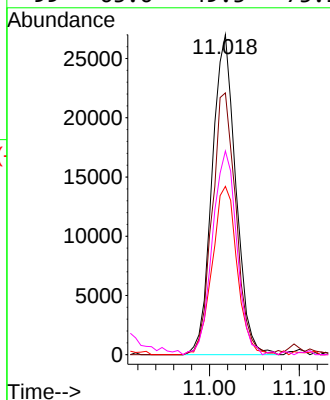
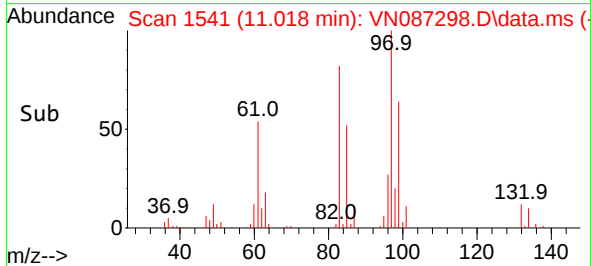
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.4	101.2
85	52.6	43.6	65.4
99	63.6	49.3	73.9

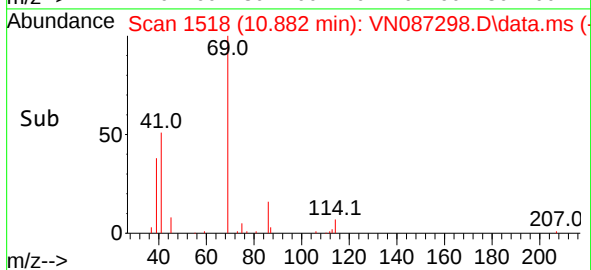
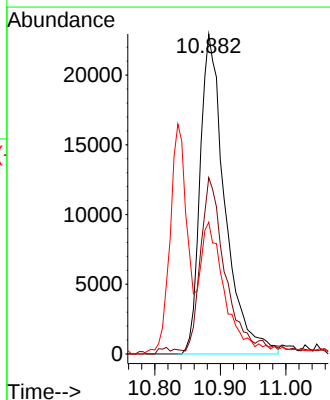
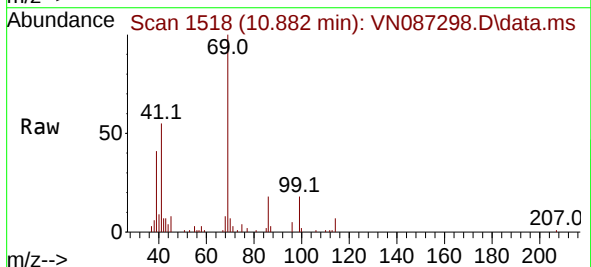
Manual Integrations
APPROVED

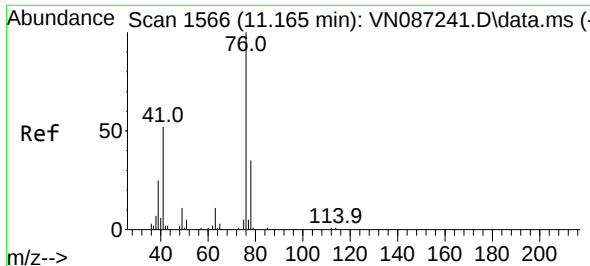
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#56
Ethyl methacrylate
Concen: 16.651 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	51.2	44.2	66.4
39	38.1	29.5	44.3





#57

1,3-Dichloropropane

Concen: 19.461 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087298.D

Acq: 08 Jul 2025 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBS01

Tgt Ion: 76 Resp: 78909

Ion Ratio Lower Upper

76 100

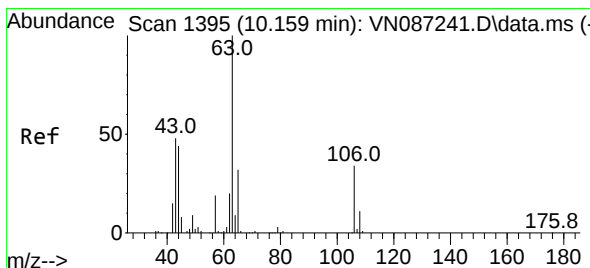
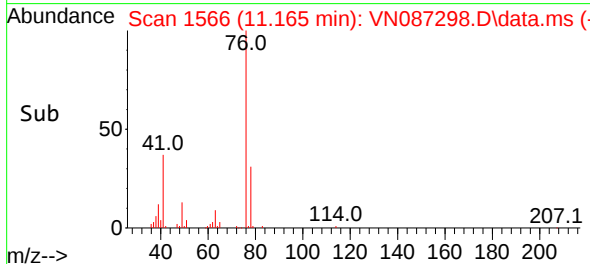
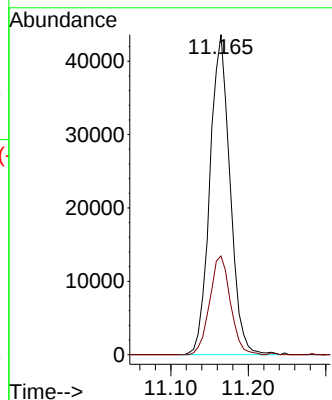
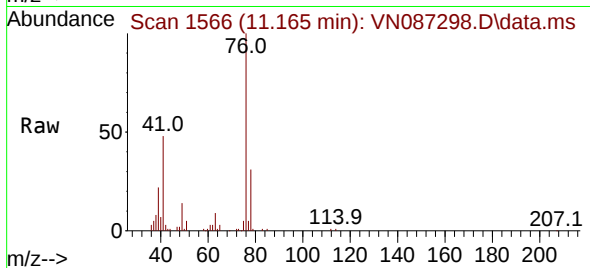
78 31.7 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#58

2-Chloroethyl Vinyl ether

Concen: 83.247 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087298.D

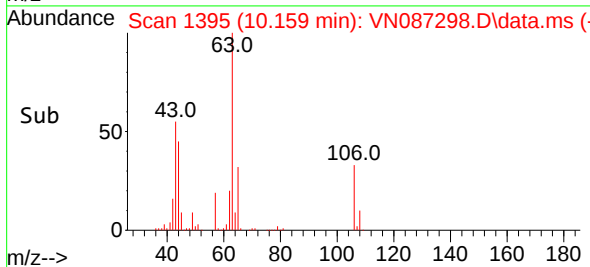
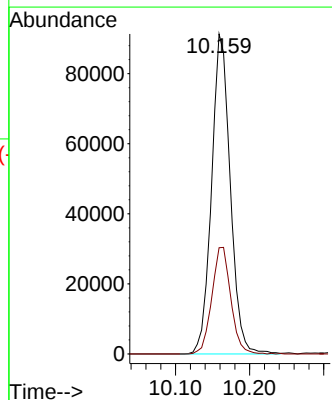
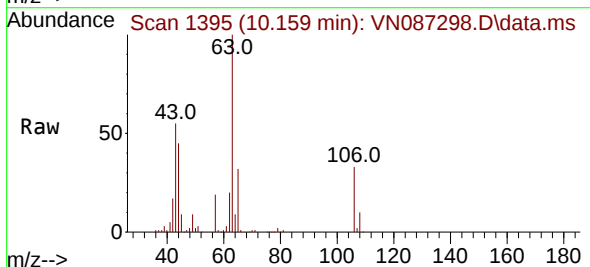
Acq: 08 Jul 2025 14:39

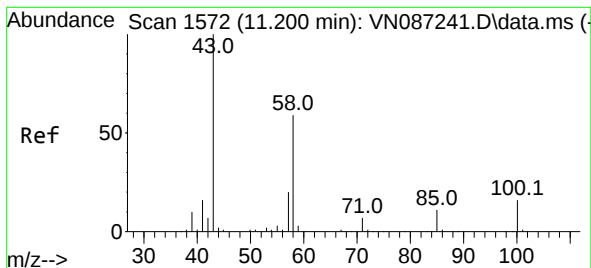
Tgt Ion: 63 Resp: 160138

Ion Ratio Lower Upper

63 100

106 33.7 26.9 40.3





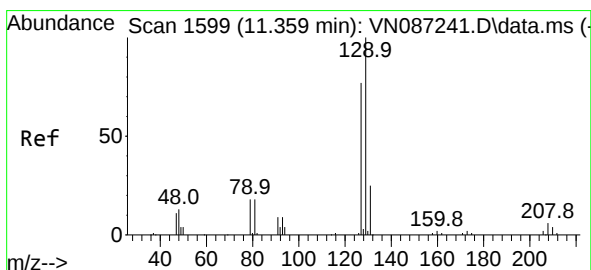
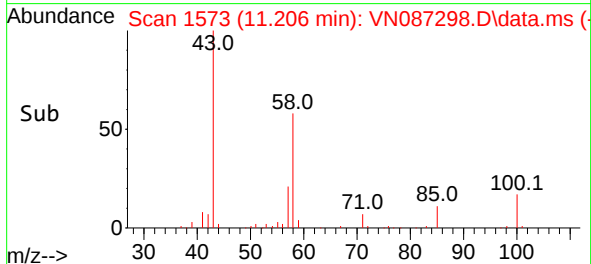
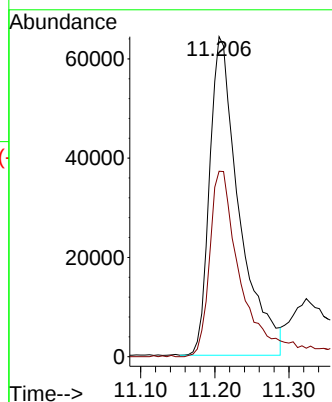
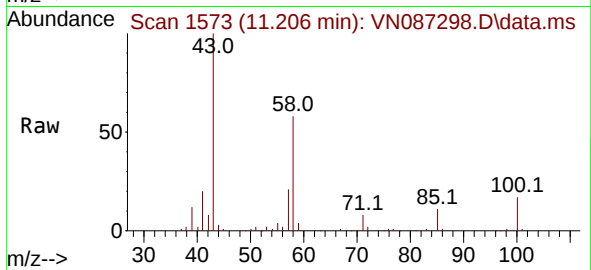
#59
2-Hexanone
Concen: 75.096 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion: 43 Resp: 17759
Ion Ratio Lower Upper
43 100
58 62.3 31.1 93.3

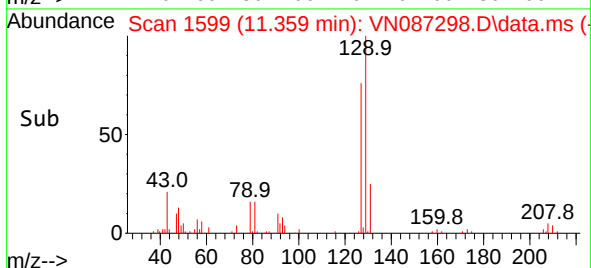
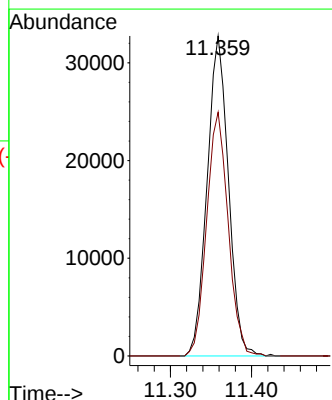
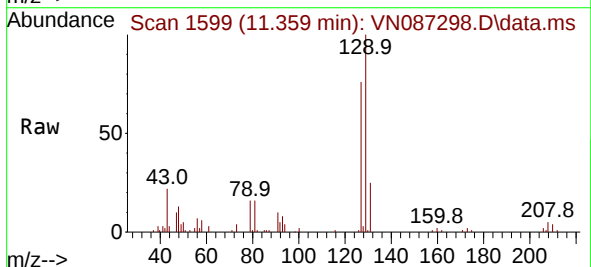
Manual Integrations
APPROVED

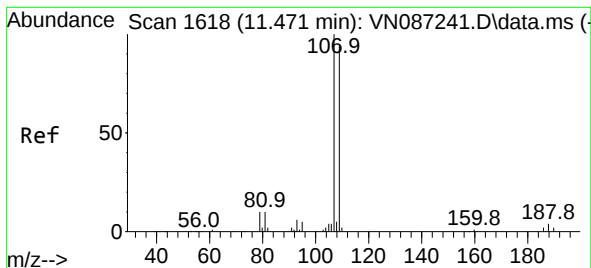
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#60
Dibromochloromethane
Concen: 20.372 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

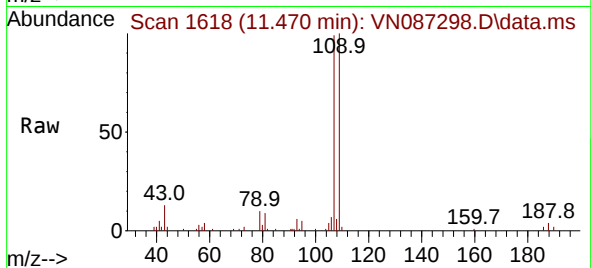
Tgt Ion:129 Resp: 59660
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.9





#61
1,2-Dibromoethane
Concen: 20.215 ug/l
RT: 11.470 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

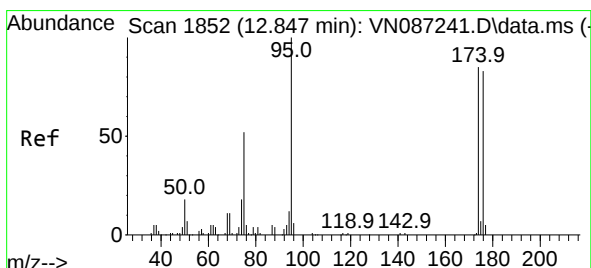
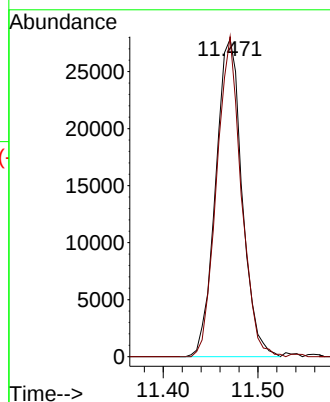
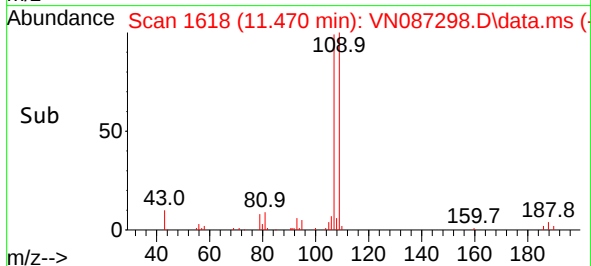
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



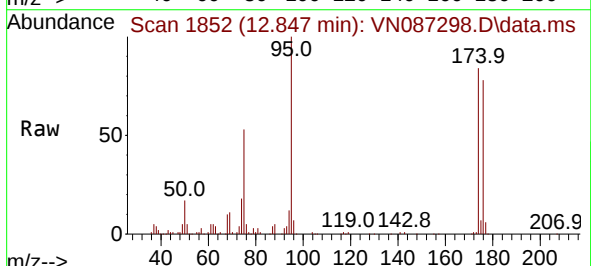
Tgt Ion:107 Resp: 5402
Ion Ratio Lower Upper
107 100
109 93.9 76.0 114.0

Manual Integrations
APPROVED

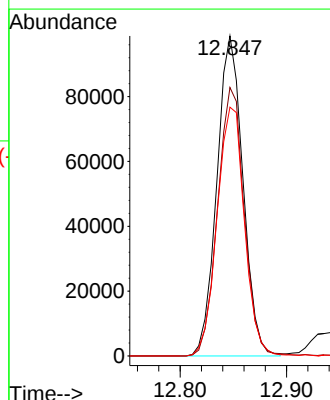
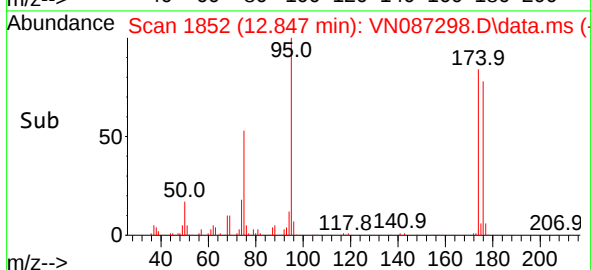
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

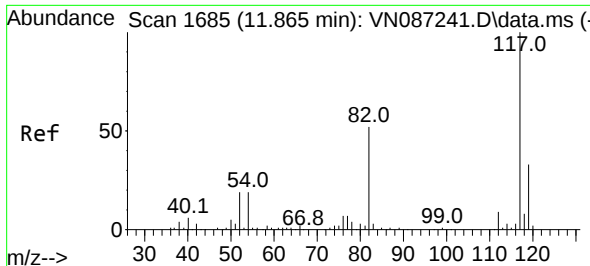


#62
4-Bromofluorobenzene
Concen: 50.805 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



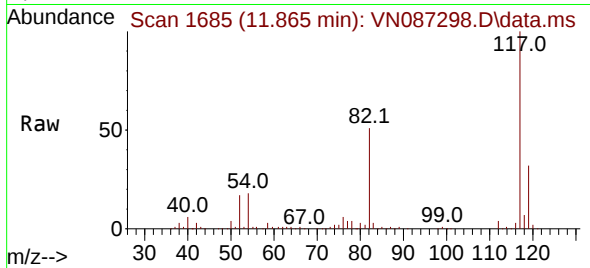
Tgt Ion: 95 Resp: 167706
Ion Ratio Lower Upper
95 100
174 85.7 0.0 169.6
176 81.7 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

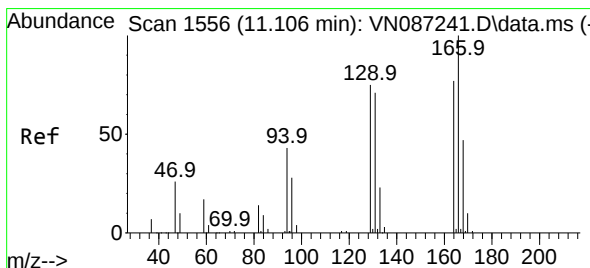
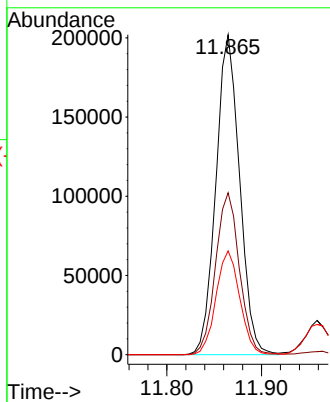
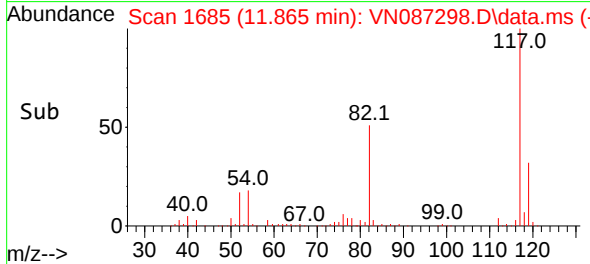
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion:117 Resp: 351878
Ion Ratio Lower Upper
117 100
82 50.6 41.9 62.9
119 32.5 26.2 39.4

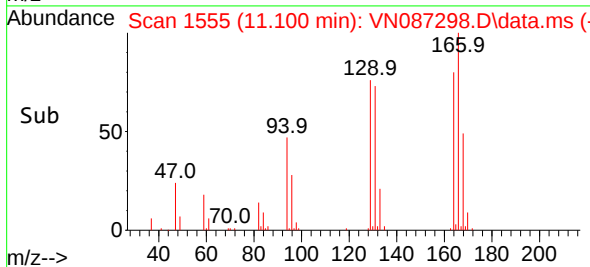
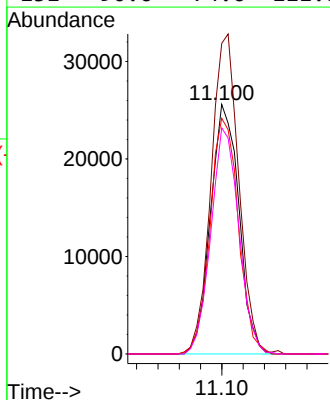
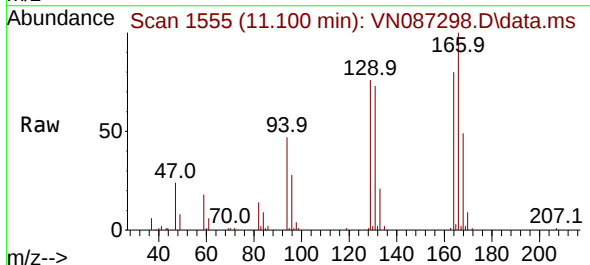
Manual Integrations
APPROVED

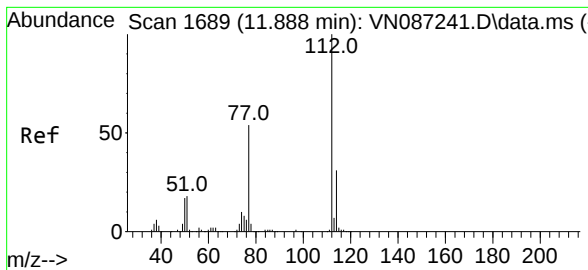
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#64
Tetrachloroethene
Concen: 20.135 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

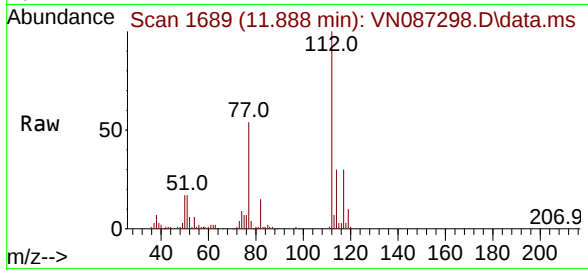
Tgt Ion:164 Resp: 47239
Ion Ratio Lower Upper
164 100
166 124.4 104.3 156.5
129 94.4 78.5 117.7
131 90.6 74.6 111.8





#65
Chlorobenzene
Concen: 19.464 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

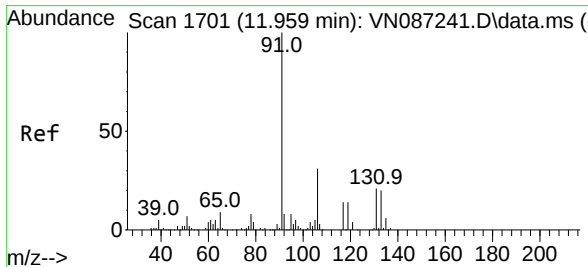
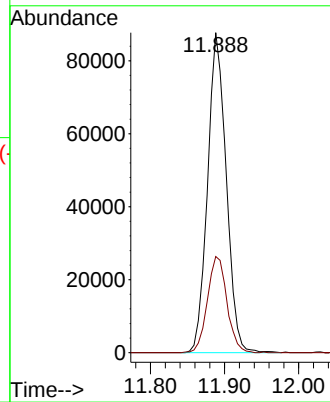
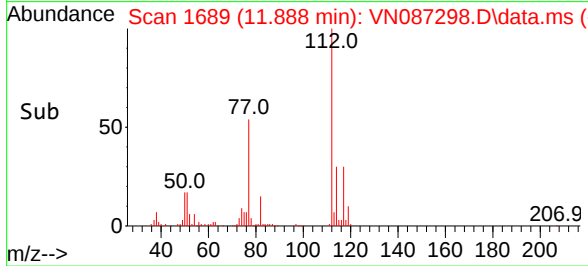
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



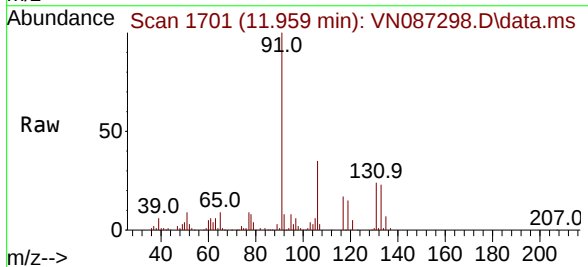
Tgt Ion:112 Resp: 15368
Ion Ratio Lower Upper
112 100
114 30.0 24.4 36.6

Manual Integrations
APPROVED

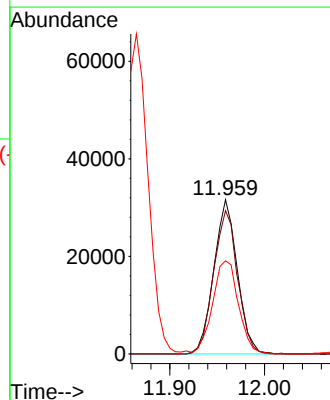
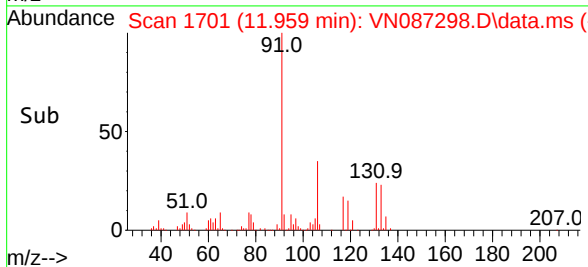
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

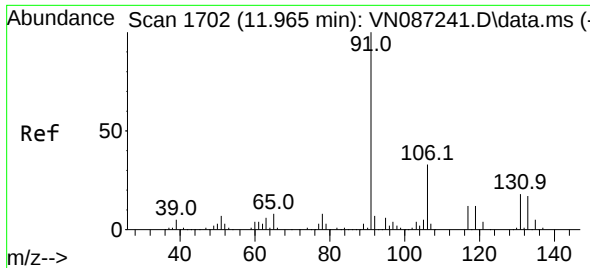


#66
1,1,1,2-Tetrachloroethane
Concen: 19.975 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



Tgt Ion:131 Resp: 54458
Ion Ratio Lower Upper
131 100
133 95.3 47.2 141.6
119 67.0 32.4 97.2





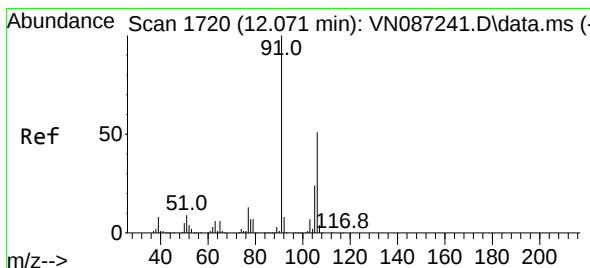
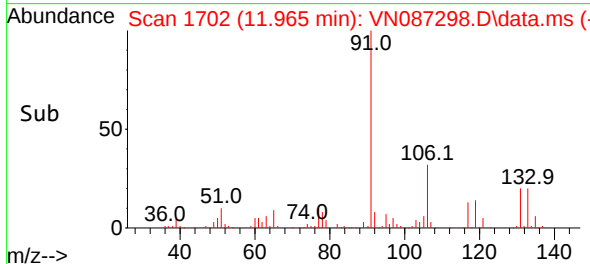
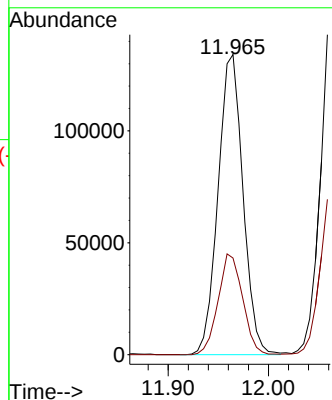
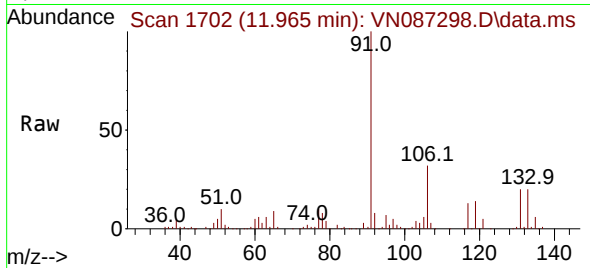
#67
Ethyl Benzene
Concen: 18.129 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion: 91 Resp: 231619
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.4

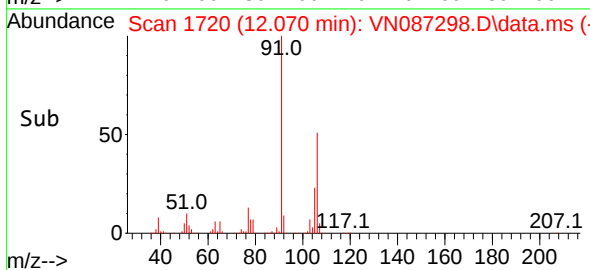
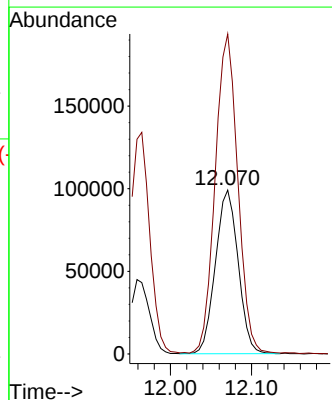
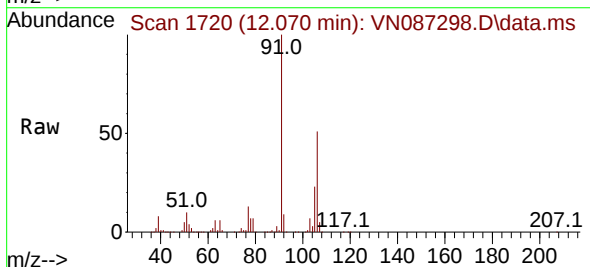
Manual Integrations
APPROVED

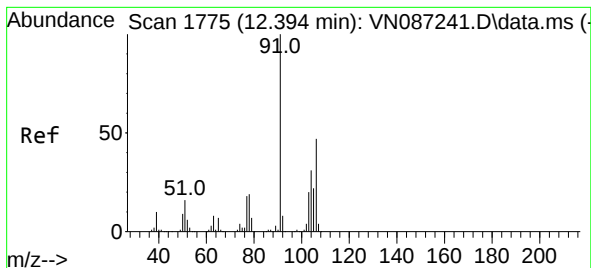
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#68
m/p-Xylenes
Concen: 37.731 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Tgt Ion:106 Resp: 192599
Ion Ratio Lower Upper
106 100
91 193.7 158.2 237.2





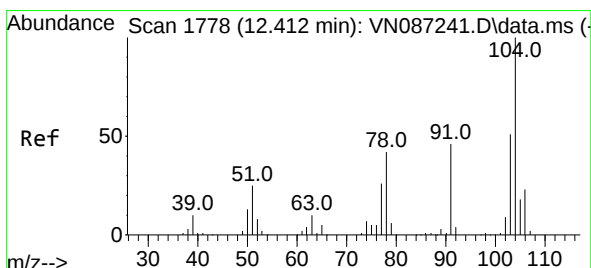
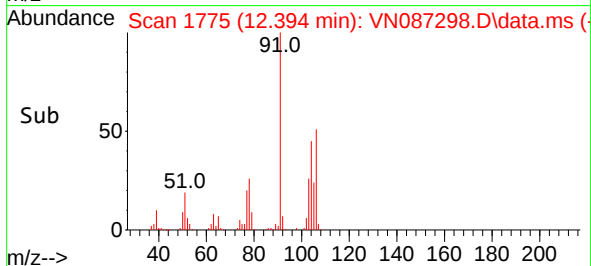
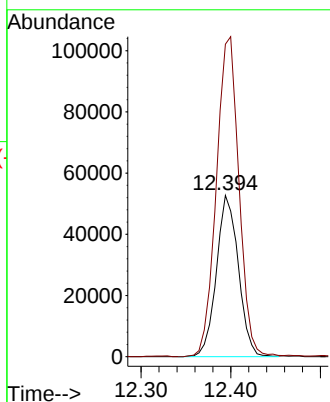
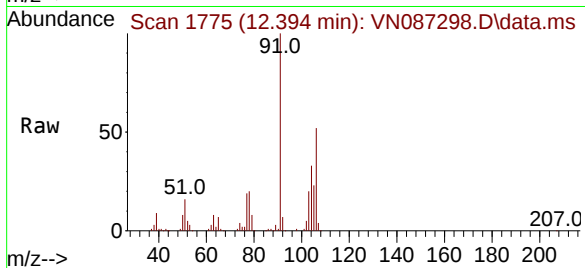
#69
o-Xylene
Concen: 18.733 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion:106 Resp: 89452
Ion Ratio Lower Upper
106 100
91 205.5 105.4 316.1

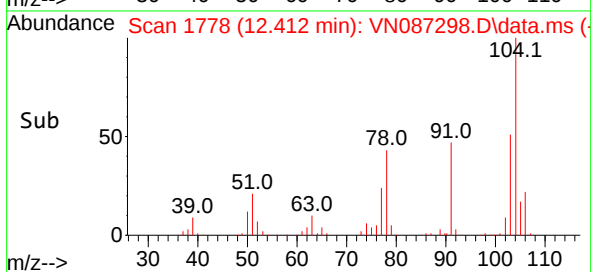
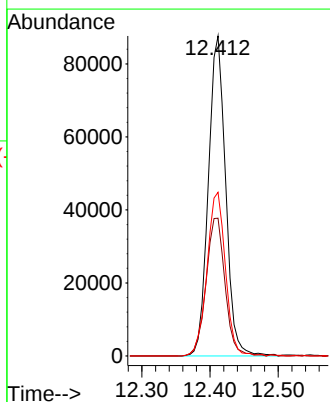
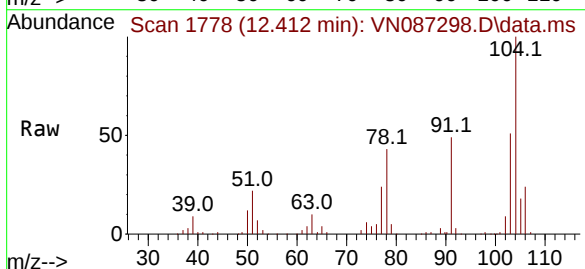
Manual Integrations
APPROVED

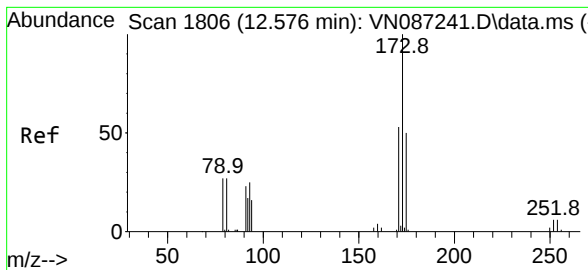
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#70
Styrene
Concen: 19.113 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Tgt Ion:104 Resp: 155102
Ion Ratio Lower Upper
104 100
78 47.2 37.6 56.4
103 54.5 44.0 66.0





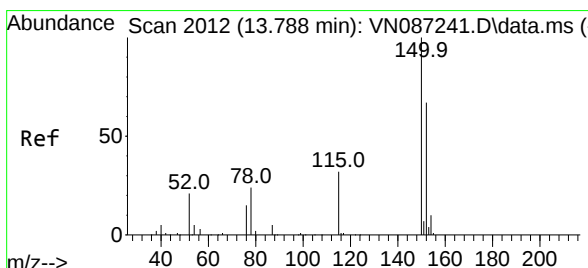
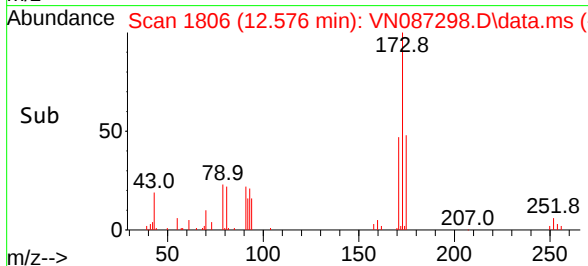
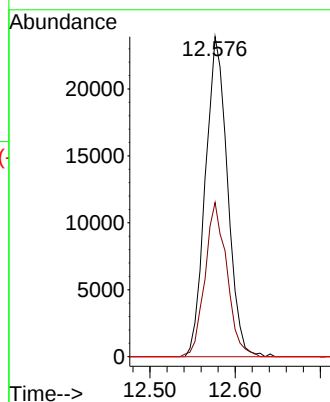
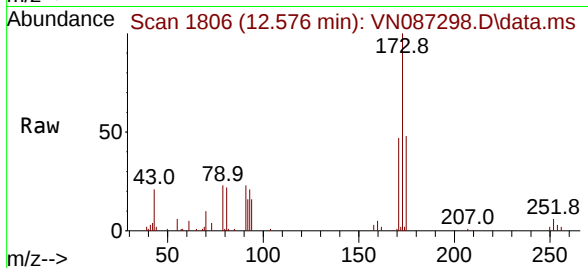
#71
Bromoform
Concen: 20.450 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion:173 Resp: 43014
Ion Ratio Lower Upper
173 100
175 47.7 24.6 73.6
254 0.0 0.0 0.0

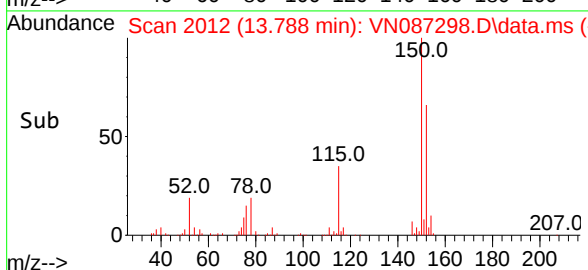
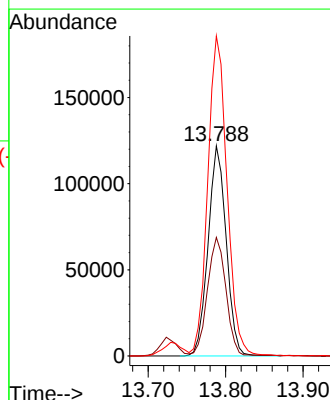
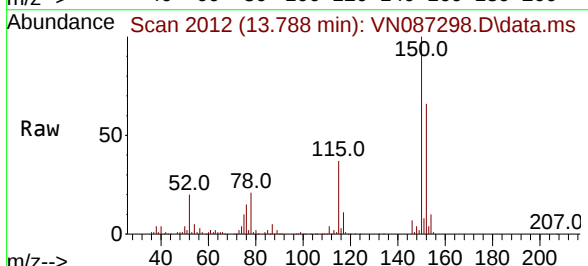
Manual Integrations
APPROVED

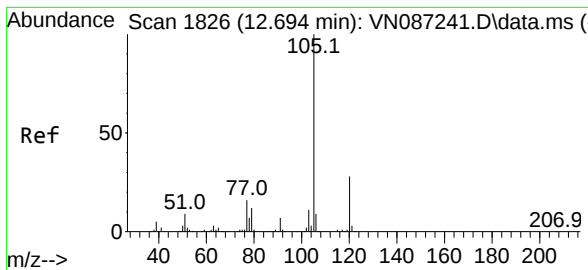
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

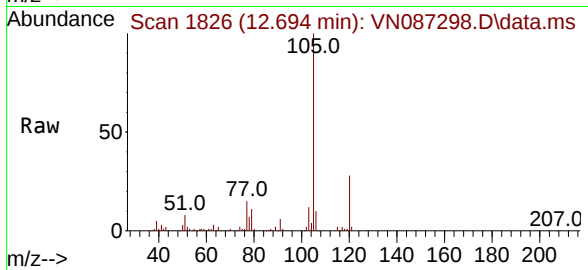
Tgt Ion:152 Resp: 198260
Ion Ratio Lower Upper
152 100
115 57.8 28.3 84.9
150 162.1 0.0 344.6





#73
Isopropylbenzene
Concen: 17.521 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

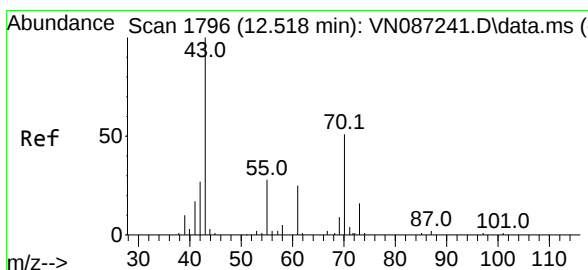
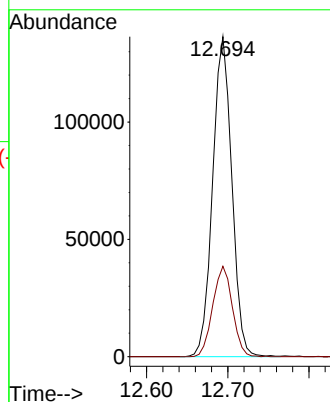
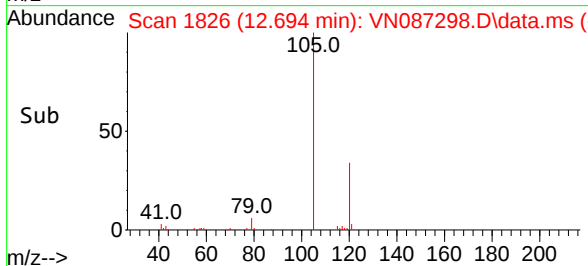
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion:105 Resp: 22382
Ion Ratio Lower Upper
105 100
120 28.9 13.9 41.6

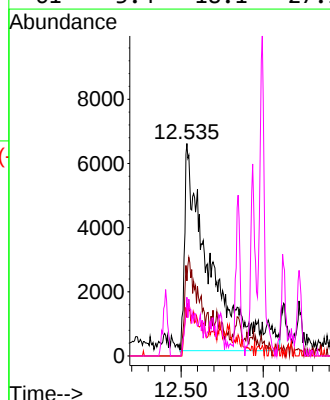
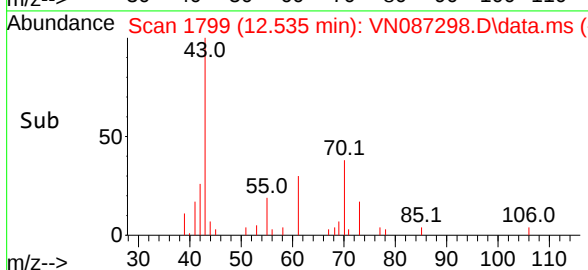
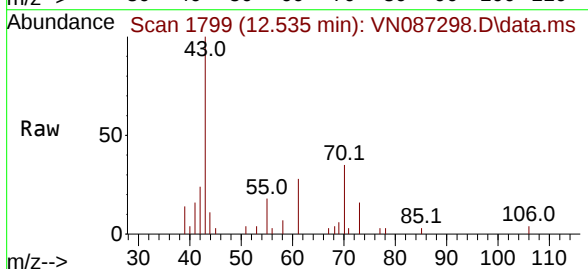
Manual Integrations
APPROVED

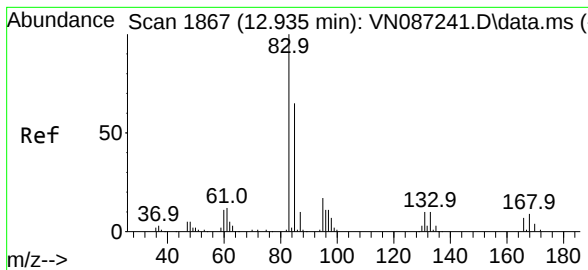
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#74
N-ethyl acetate
Concen: 16.580 ug/l m
RT: 12.535 min Scan# 1799
Delta R.T. 0.017 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

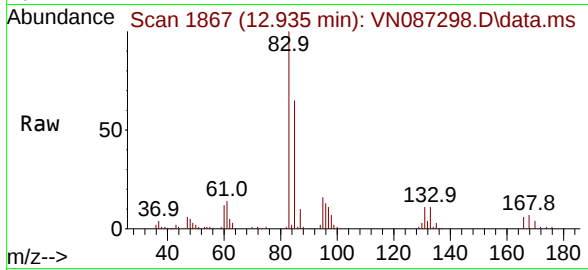
Tgt Ion: 43 Resp: 69653
Ion Ratio Lower Upper
43 100
70 17.1 29.2 43.8#
55 5.4 17.0 25.4#
61 3.4 18.1 27.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.755 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

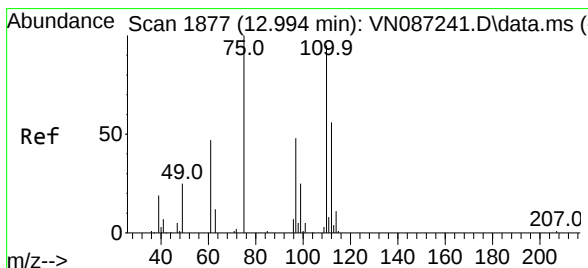
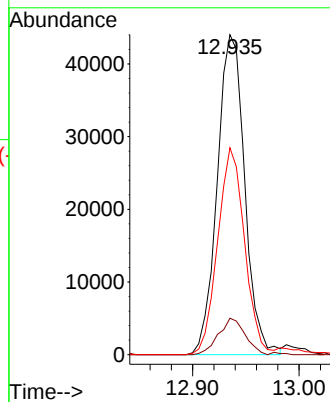
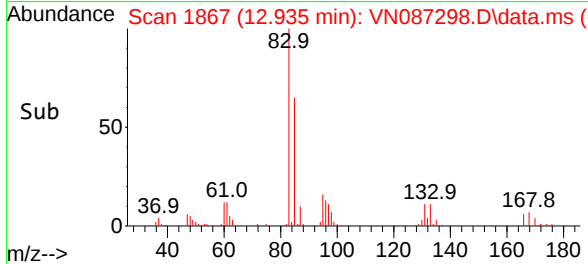
Instrument : MSVOA_N
ClientSampleId : VN0708MBS01



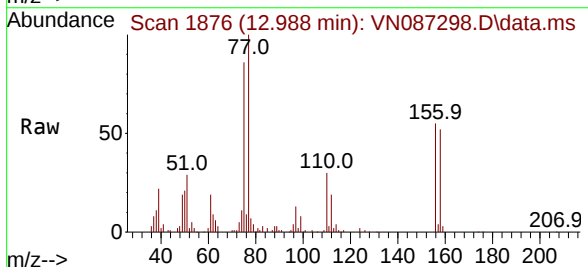
Tgt Ion: 83 Resp: 7880
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.9
85 63.2 32.2 96.6

Manual Integrations
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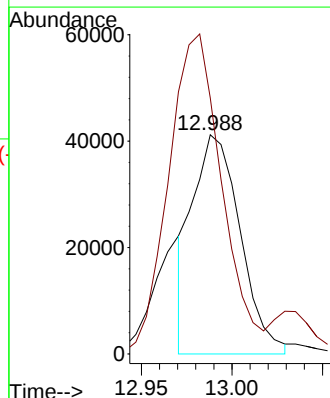
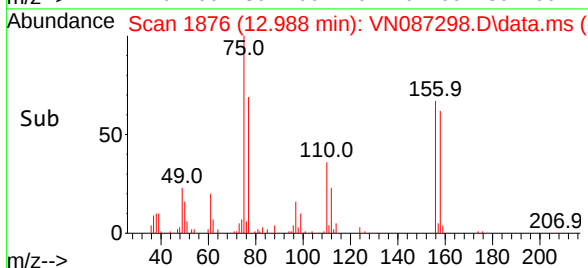
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

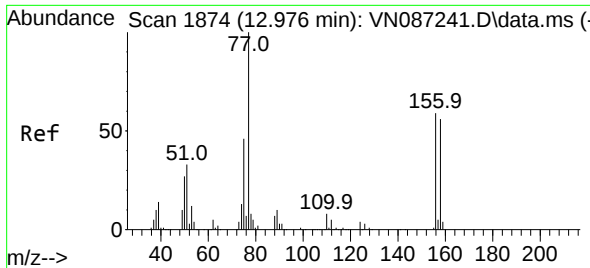


#76
1,2,3-Trichloropropane
Concen: 19.971 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



Tgt Ion: 75 Resp: 75311
Ion Ratio Lower Upper
75 100
77 163.6 82.0 245.8





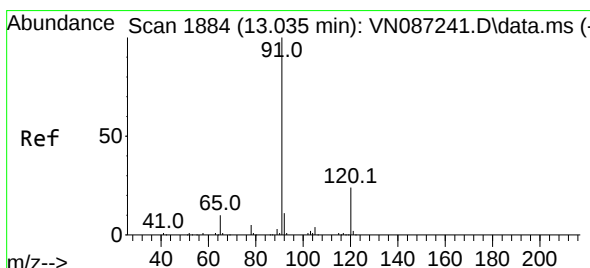
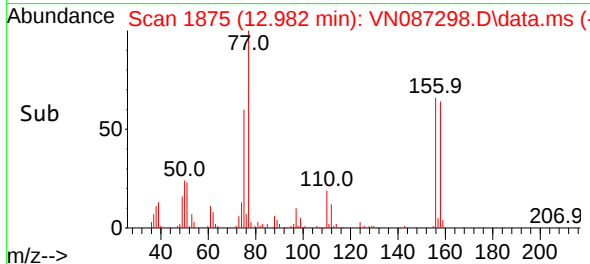
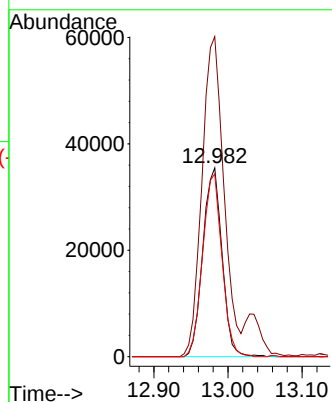
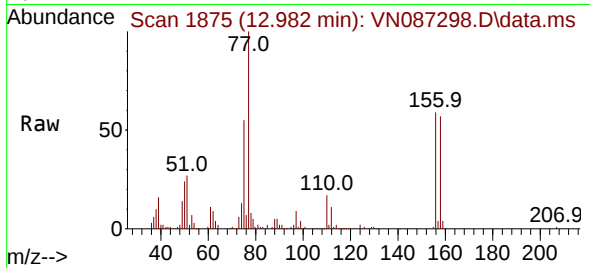
#77
Bromobenzene
Concen: 19.202 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01

Tgt Ion:156 Resp: 64032
Ion Ratio Lower Upper
156 100
77 192.4 98.0 294.1
158 97.3 47.7 143.1

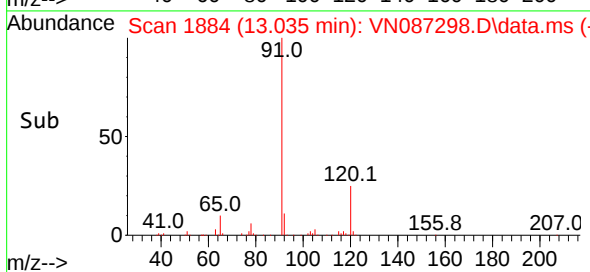
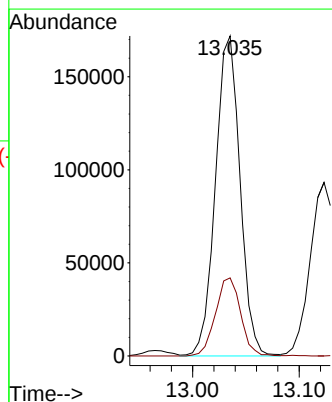
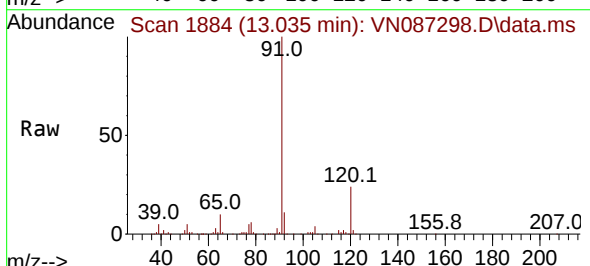
Manual Integrations
APPROVED

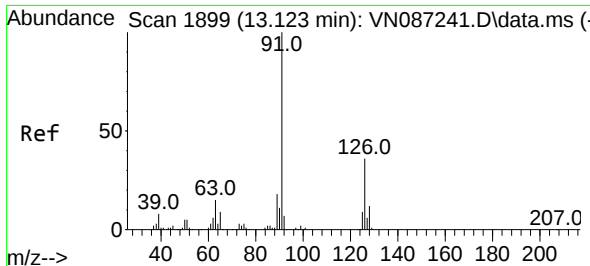
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#78
n-propylbenzene
Concen: 17.849 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

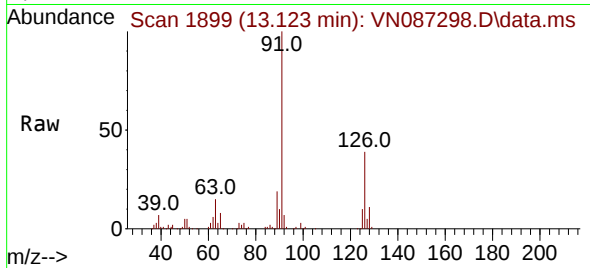
Tgt Ion: 91 Resp: 275424
Ion Ratio Lower Upper
91 100
120 24.8 12.0 36.0





#79
2-Chlorotoluene
Concen: 17.716 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

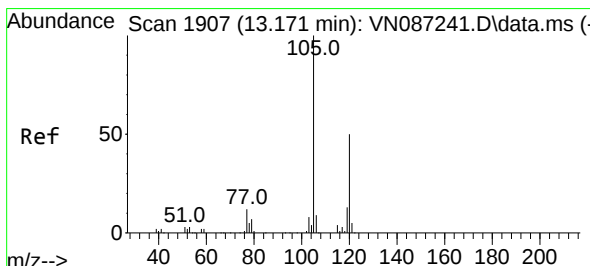
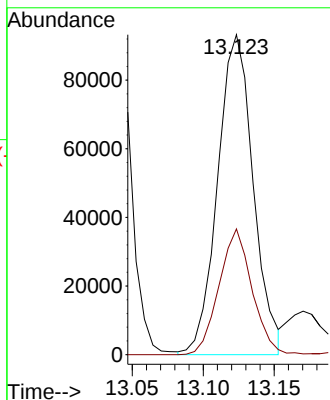
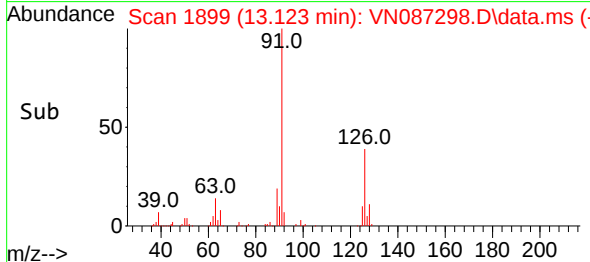
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion: 91 Resp: 162694
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.3

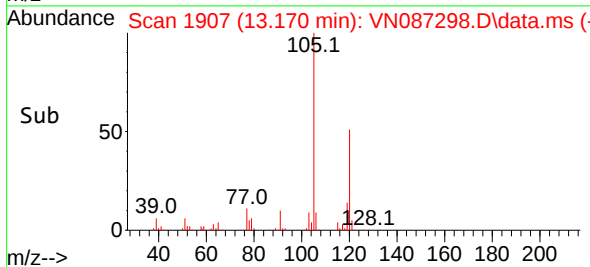
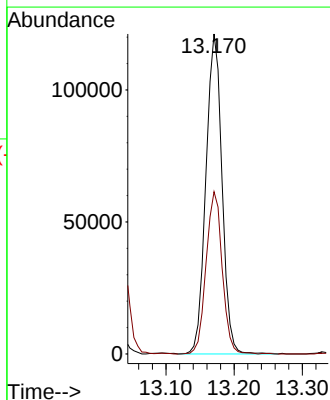
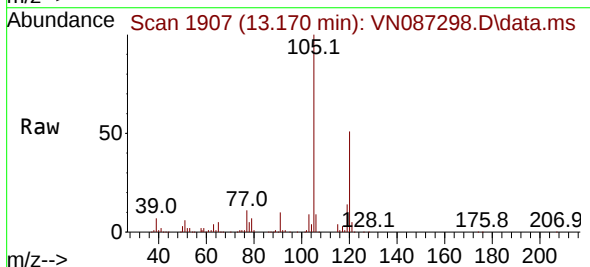
Manual Integrations
APPROVED

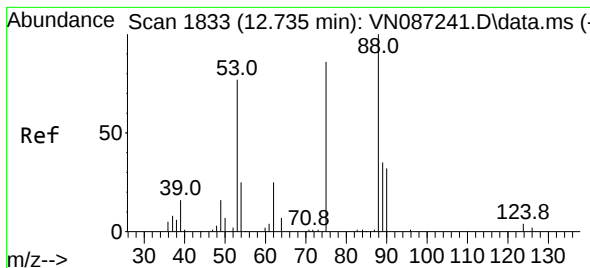
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.664 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

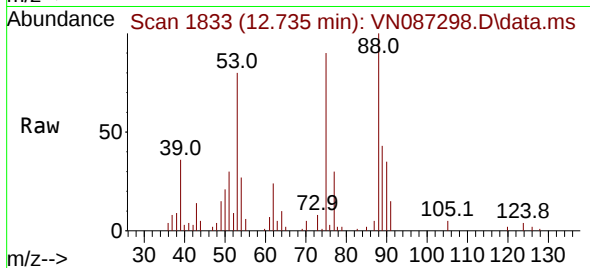
Tgt Ion:105 Resp: 199296
Ion Ratio Lower Upper
105 100
120 50.6 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 15.894 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

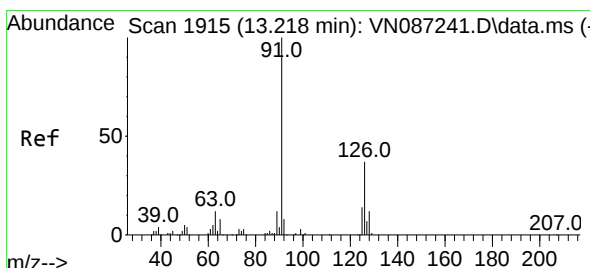
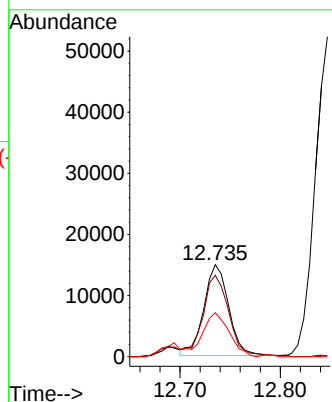
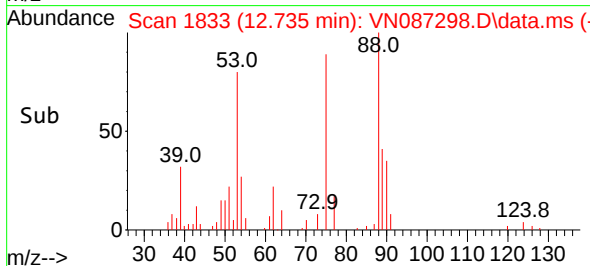
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



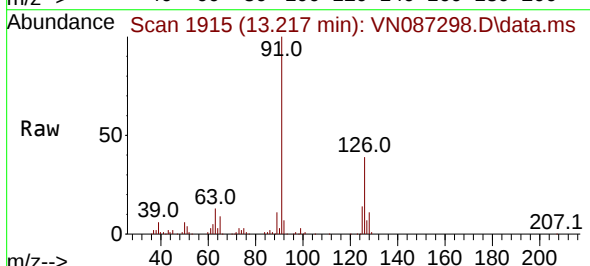
Tgt Ion: 75 Resp: 2551
Ion Ratio Lower Upper
75 100
53 95.5 70.6 105.8
89 49.6 36.1 54.1

Manual Integrations
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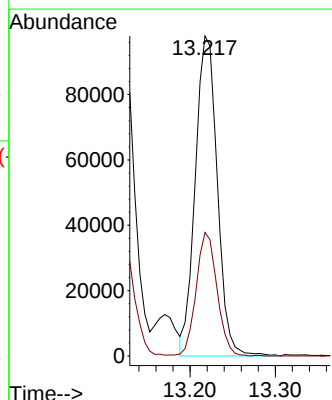
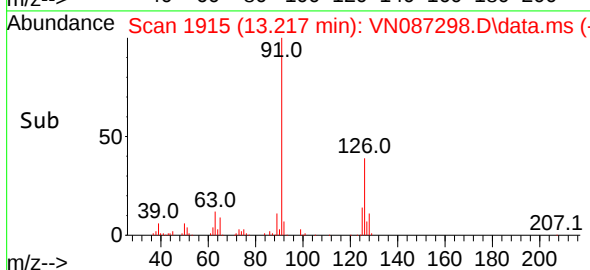
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

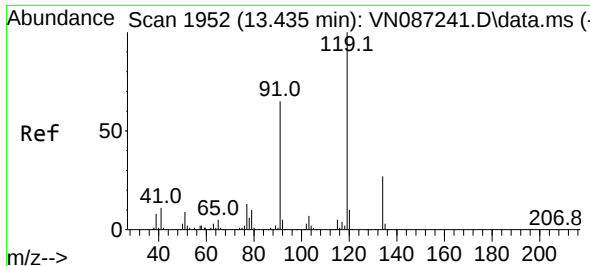


#82
4-Chlorotoluene
Concen: 18.310 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



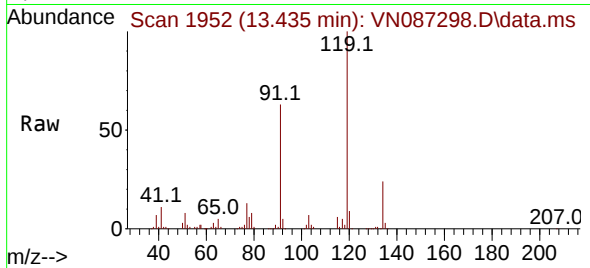
Tgt Ion: 91 Resp: 176024
Ion Ratio Lower Upper
91 100
126 36.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 17.898 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

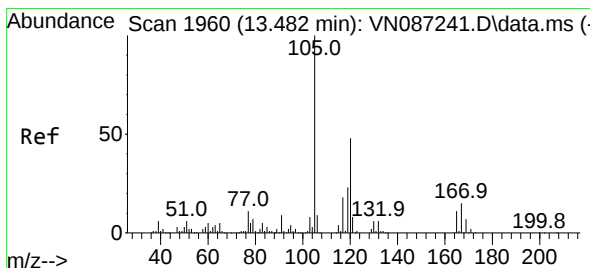
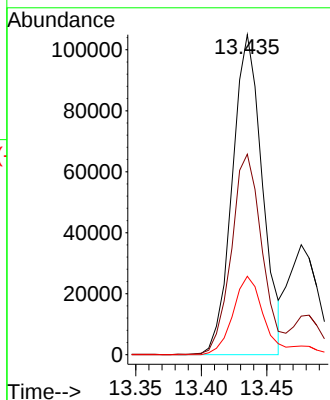
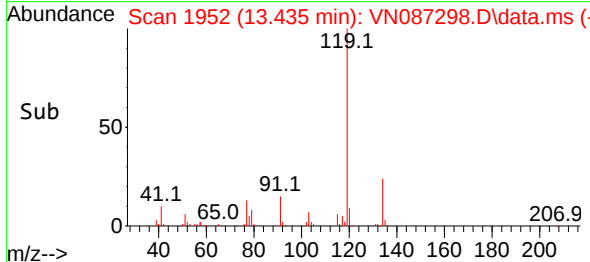
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



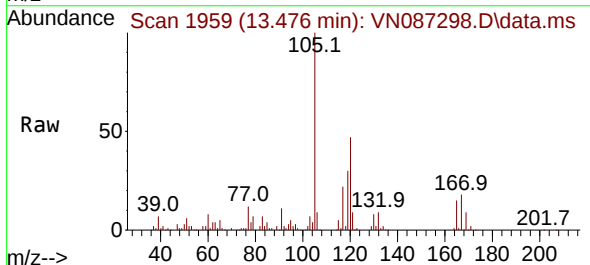
Tgt Ion:119 Resp: 16744
Ion Ratio Lower Upper
119 100
91 64.8 32.5 97.4
134 26.8 14.2 42.8

Manual Integrations
APPROVED

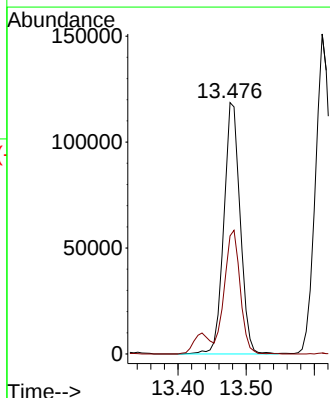
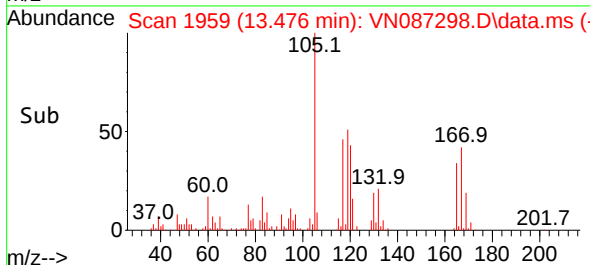
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

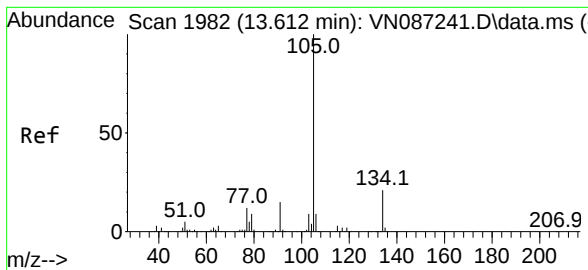


#84
1,2,4-Trimethylbenzene
Concen: 18.451 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



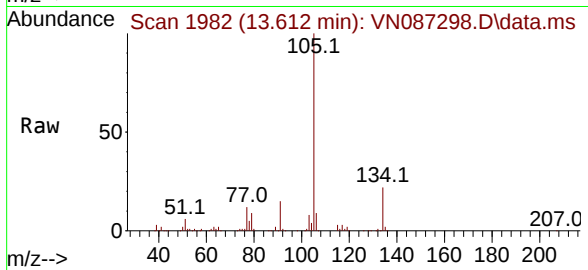
Tgt Ion:105 Resp: 197362
Ion Ratio Lower Upper
105 100
120 47.4 23.3 69.9





#85
 sec-Butylbenzene
 Concen: 17.852 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087298.D
 Acq: 08 Jul 2025 14:39

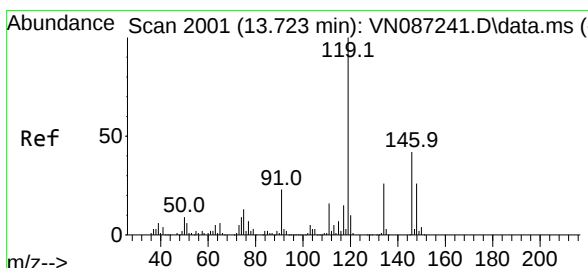
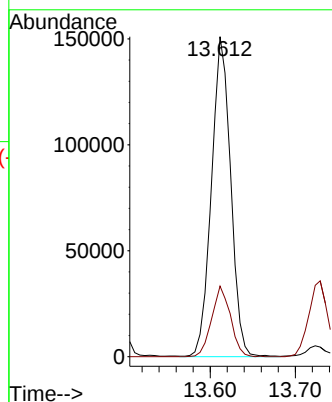
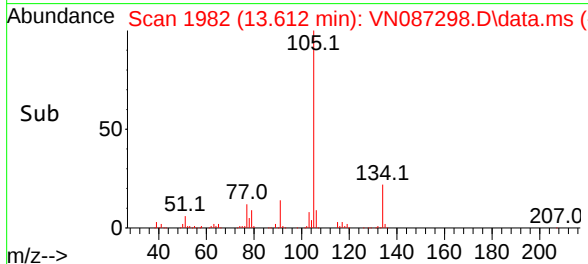
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01



Tgt Ion:105 Resp: 236725
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.4

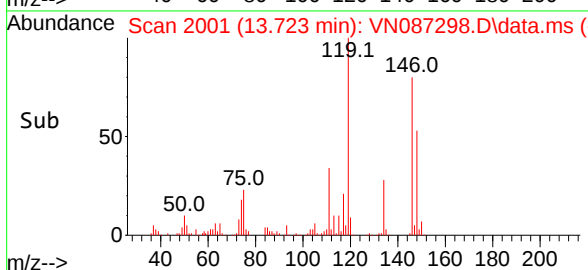
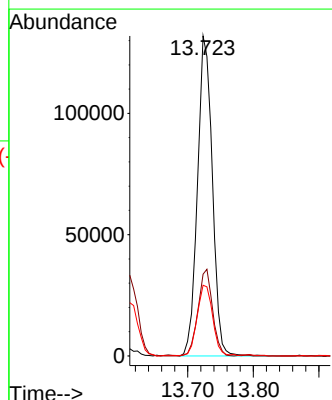
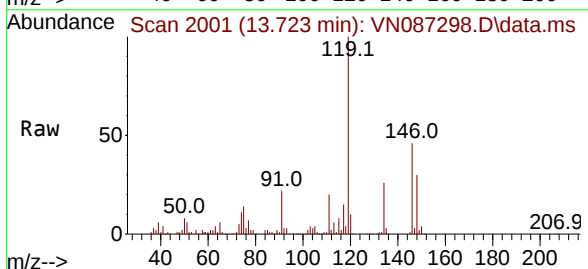
Manual Integrations
 APPROVED

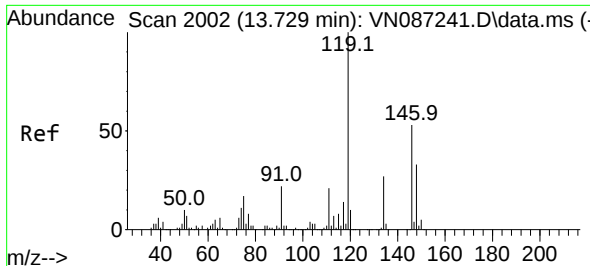
Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#86
 p-Isopropyltoluene
 Concen: 18.280 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN087298.D
 Acq: 08 Jul 2025 14:39

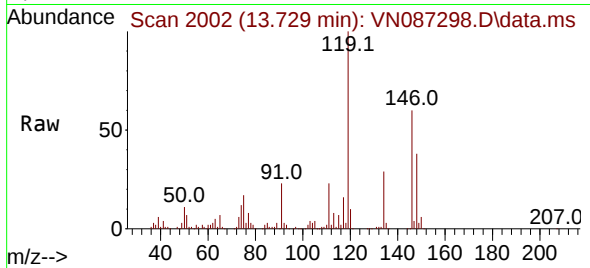
Tgt Ion:119 Resp: 208358
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 18.963 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

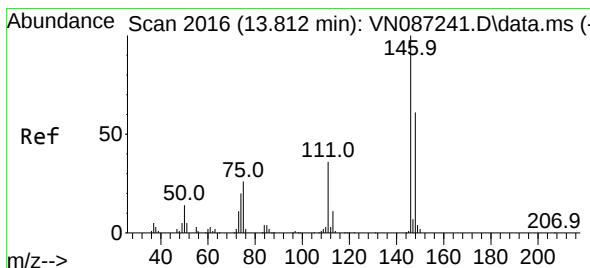
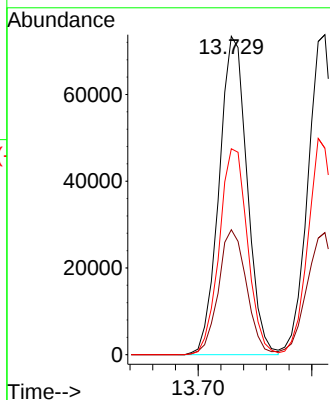
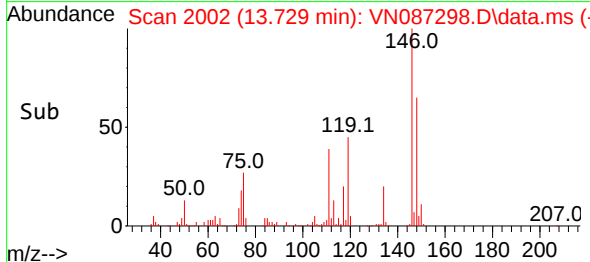
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



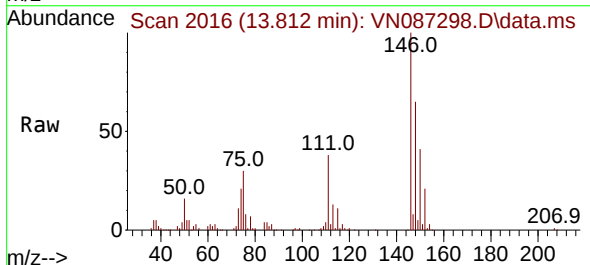
Tgt Ion:146 Resp: 125933
Ion Ratio Lower Upper
146 100
111 39.2 19.8 59.4
148 65.1 32.0 96.0

Manual Integrations
APPROVED

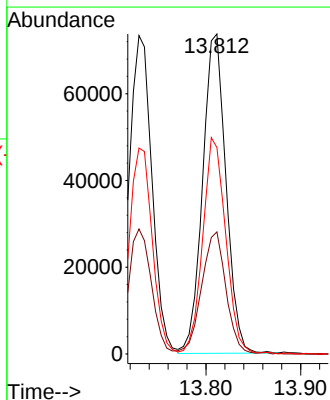
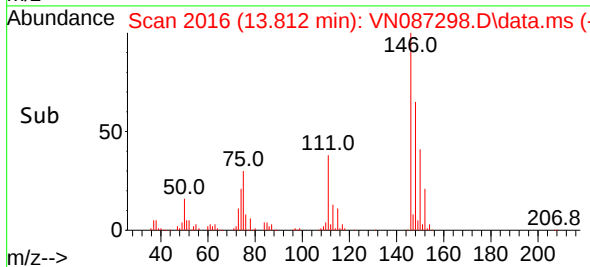
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

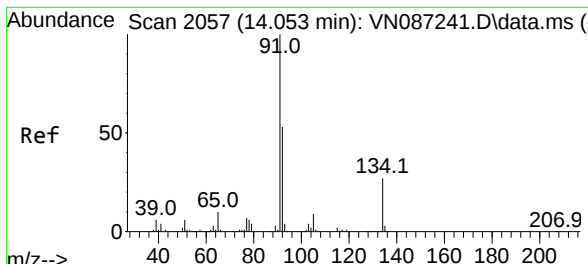


#88
1,4-Dichlorobenzene
Concen: 18.167 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



Tgt Ion:146 Resp: 125976
Ion Ratio Lower Upper
146 100
111 40.2 19.1 57.5
148 67.1 31.8 95.3





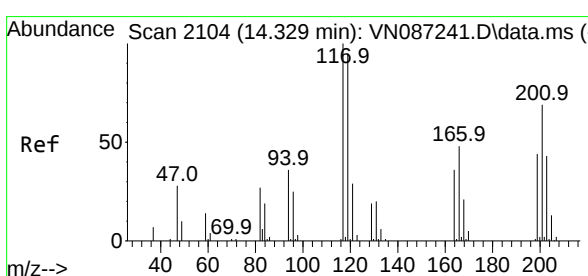
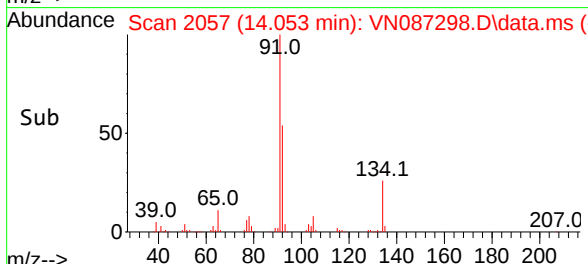
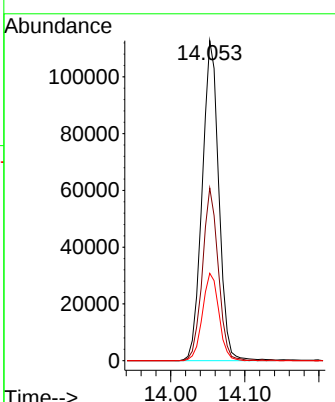
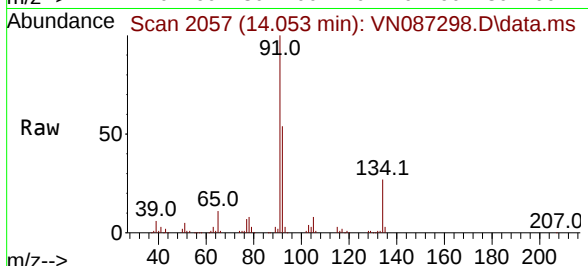
#89
 n-Butylbenzene
 Concen: 17.488 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN087298.D
 Acq: 08 Jul 2025 14:39

Instrument : MSVOA_N
 ClientSampleId : VN0708MBS01

Tgt Ion: 91 Resp: 17550

Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.7	80.0
134	27.0	13.7	41.1

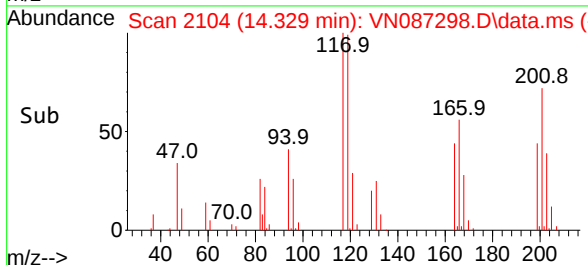
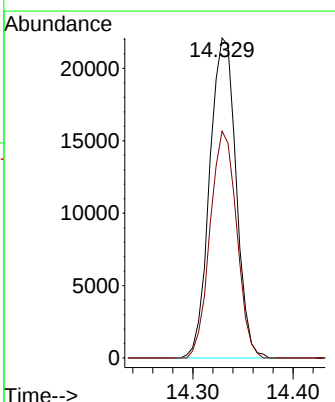
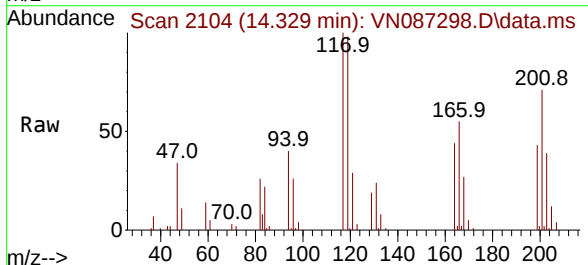
Manual Integrations
APPROVED
 Reviewed By :John Carlone 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

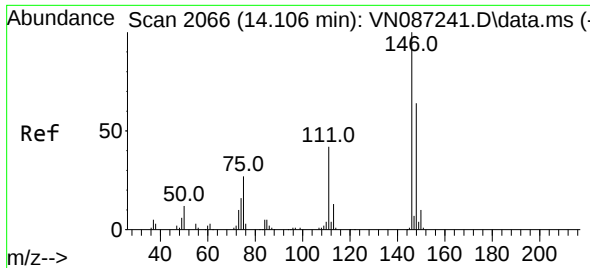


#90
 Hexachloroethane
 Concen: 19.135 ug/l
 RT: 14.329 min Scan# 2104
 Delta R.T. -0.000 min
 Lab File: VN087298.D
 Acq: 08 Jul 2025 14:39

Tgt Ion: 117 Resp: 40372

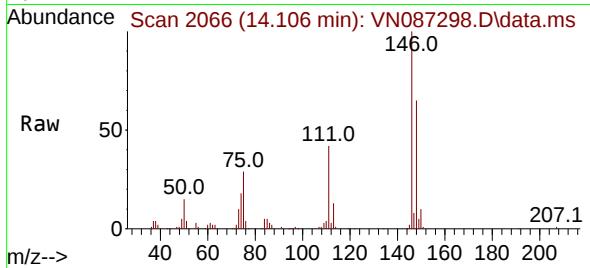
Ion	Ratio	Lower	Upper
117	100		
201	71.2	35.8	107.4





#91
1,2-Dichlorobenzene
Concen: 18.942 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

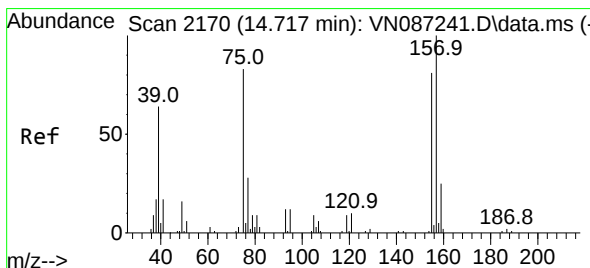
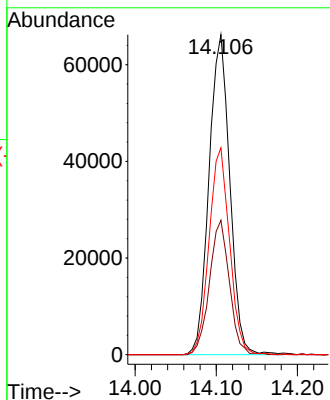
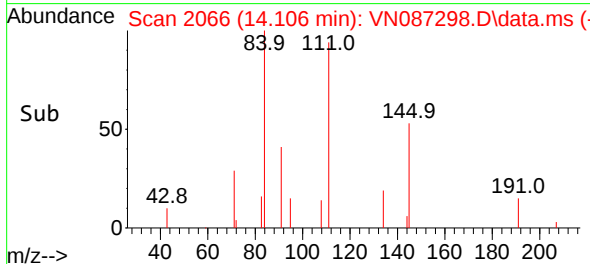
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



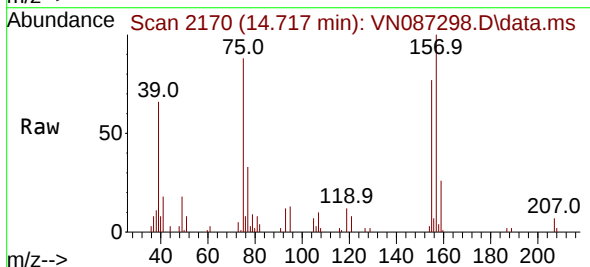
Tgt Ion:146 Resp: 117640
Ion Ratio Lower Upper
146 100
111 40.4 20.5 61.6
148 63.8 31.4 94.3

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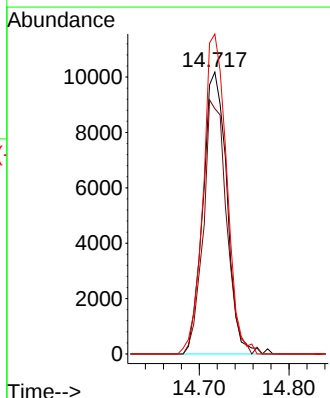
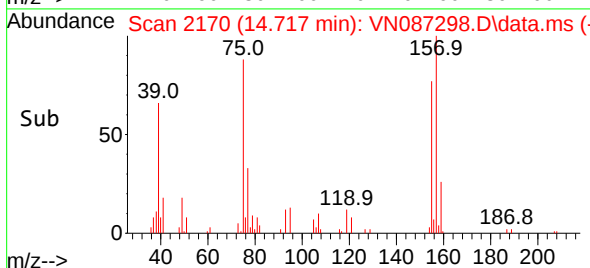
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

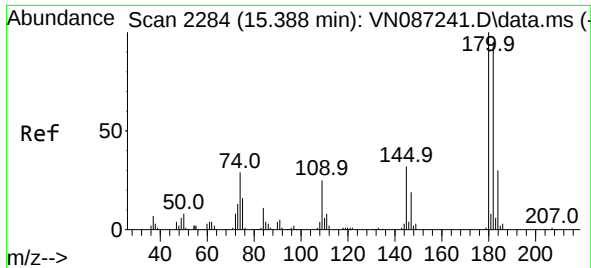


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.630 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



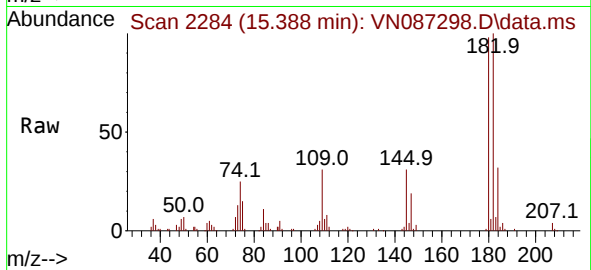
Tgt Ion: 75 Resp: 18812
Ion Ratio Lower Upper
75 100
155 87.3 46.8 140.3
157 111.3 58.1 174.4





#93
1,2,4-Trichlorobenzene
Concen: 17.963 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

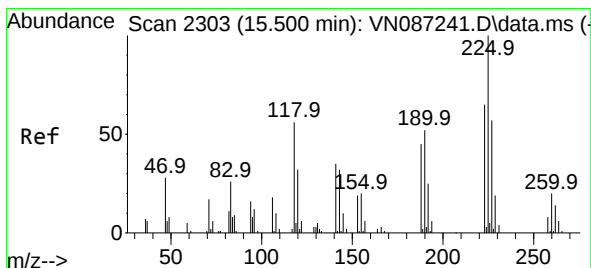
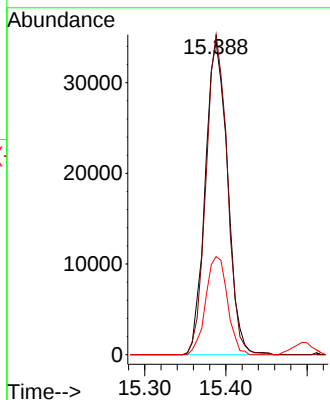
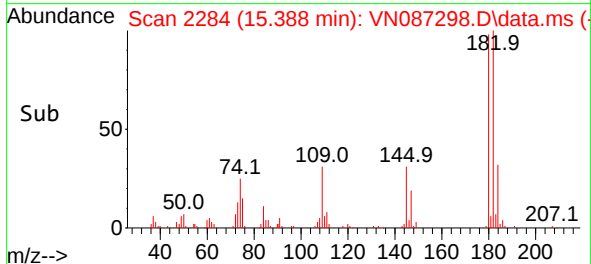
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



Tgt Ion:180 Resp: 65974
Ion Ratio Lower Upper
180 100
182 97.5 48.0 144.0
145 30.4 15.4 46.2

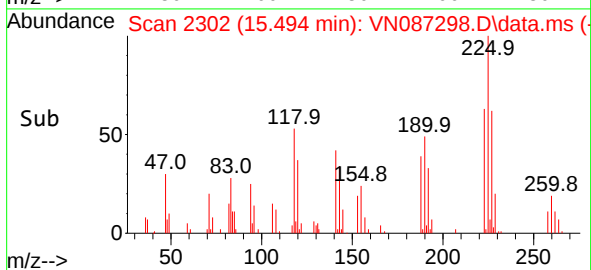
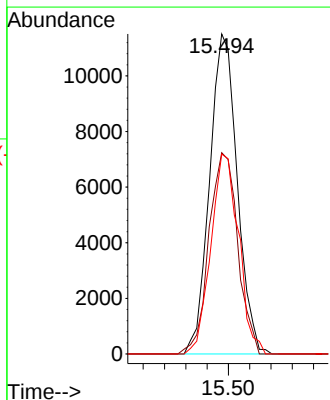
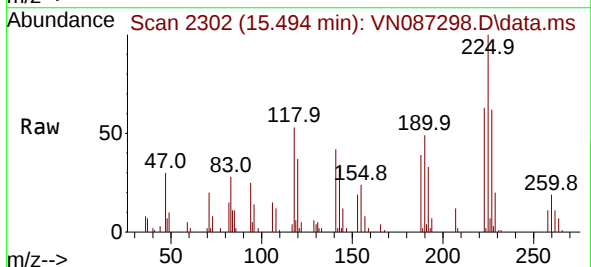
Manual Integrations
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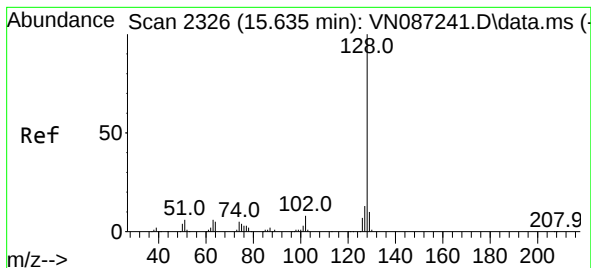
Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#94
Hexachlorobutadiene
Concen: 17.737 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

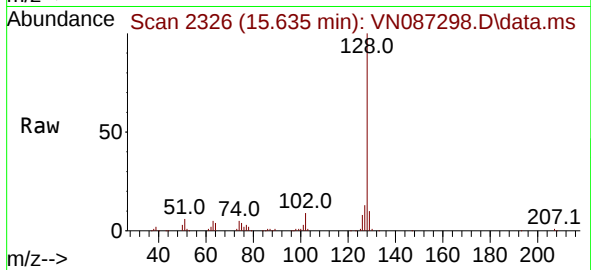
Tgt Ion:225 Resp: 20694
Ion Ratio Lower Upper
225 100
223 65.5 33.5 100.4
227 62.9 30.9 92.7





#95
Naphthalene
Concen: 16.902 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39

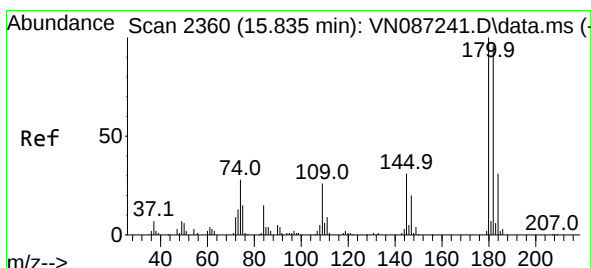
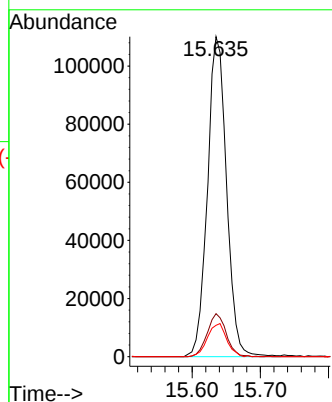
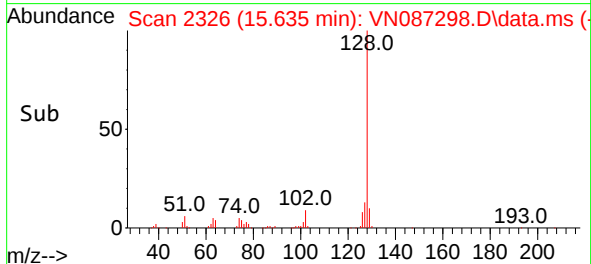
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBS01



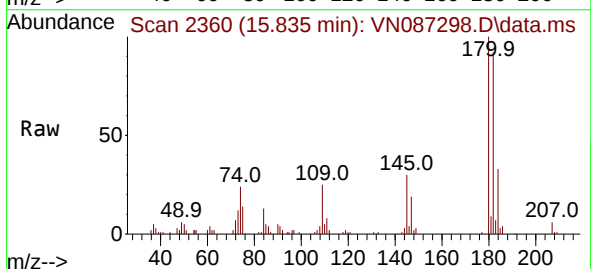
Tgt Ion:128 Resp: 214778
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.356 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087298.D
Acq: 08 Jul 2025 14:39



Tgt Ion:180 Resp: 65680
Ion Ratio Lower Upper
180 100
182 95.6 47.7 143.1
145 31.3 15.7 47.1

