

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085416.D
 Acq On : 09 Jan 2025 18:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 10 00:26:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	184347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.095	114	326734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	279220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	126472	48.101	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.200%
35) Dibromofluoromethane	8.159	113	95678	46.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.880%
50) Toluene-d8	10.559	98	347193	46.417	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.840%
62) 4-Bromofluorobenzene	12.841	95	121691	48.988	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	121632	48.786	ug/l	100
3) Chloromethane	2.360	50	128871	45.990	ug/l	96
4) Vinyl Chloride	2.513	62	129145	43.579	ug/l	95
5) Bromomethane	2.942	94	73627	37.988	ug/l	100
6) Chloroethane	3.113	64	80485	42.825	ug/l	95
7) Trichlorofluoromethane	3.495	101	188786	48.461	ug/l	98
8) Diethyl Ether	3.954	74	67580	52.393	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	106809	48.185	ug/l	99
10) Methyl Iodide	4.589	142	132597	51.691	ug/l	99
11) Tert butyl alcohol	5.512	59	86322	262.182	ug/l	99
12) 1,1-Dichloroethene	4.336	96	101099	49.351	ug/l	99
13) Acrolein	4.171	56	135470	263.912	ug/l	99
14) Allyl chloride	5.018	41	165102	50.357	ug/l	96
15) Acrylonitrile	5.712	53	264378	255.128	ug/l	99
16) Acetone	4.418	43	217738	251.840	ug/l	97
17) Carbon Disulfide	4.707	76	293703	47.127	ug/l	97
18) Methyl Acetate	5.012	43	142795	53.946	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	347813	52.236	ug/l	98
20) Methylene Chloride	5.271	84	117094	50.351	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	104475	48.821	ug/l	99
22) Diisopropyl ether	6.665	45	379895	53.770	ug/l	98
23) Vinyl Acetate	6.595	43	1408476	275.571	ug/l	99
24) 1,1-Dichloroethane	6.565	63	216934	50.971	ug/l	98
25) 2-Butanone	7.471	43	346874	258.606	ug/l	99
26) 2,2-Dichloropropane	7.483	77	182082	48.832	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	126559	50.388	ug/l	95
28) Bromochloromethane	7.806	49	87877	44.431	ug/l #	98
29) Tetrahydrofuran	7.830	42	233494	270.244	ug/l	97
30) Chloroform	7.959	83	210699	48.391	ug/l	100
31) Cyclohexane	8.253	56	181160	46.615	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	189931	48.844	ug/l	97
36) 1,1-Dichloropropene	8.365	75	152358	51.051	ug/l	99
37) Ethyl Acetate	7.553	43	149280	50.324	ug/l	99
38) Carbon Tetrachloride	8.353	117	163152	50.153	ug/l	99
39) Methylcyclohexane	9.600	83	163869	52.921	ug/l	99
40) Benzene	8.600	78	463902	51.411	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	84500	55.621	ug/l	97
42) 1,2-Dichloroethane	8.665	62	164014	50.698	ug/l	100
43) Isopropyl Acetate	8.683	43	254805	52.167	ug/l	99
44) Trichloroethene	9.347	130	103616	48.502	ug/l	96
45) 1,2-Dichloropropane	9.618	63	116561	50.886	ug/l	100
46) Dibromomethane	9.706	93	78899	49.527	ug/l	98
47) Bromodichloromethane	9.883	83	169185	51.097	ug/l	99
48) Methyl methacrylate	9.677	41	123332	58.191	ug/l	97
49) 1,4-Dioxane	9.689	88	32747	1024.059	ug/l	96
51) 4-Methyl-2-Pentanone	10.442	43	749134	272.919	ug/l	100
52) Toluene	10.624	92	281837	52.457	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	171631	52.710	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	184164	52.304	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	102966	50.760	ug/l	96
56) Ethyl methacrylate	10.871	69	169305	57.308	ug/l	94
57) 1,3-Dichloropropane	11.159	76	184552	51.837	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	387325	270.981	ug/l	99
59) 2-Hexanone	11.189	43	524219	275.265	ug/l	99
60) Dibromochloromethane	11.353	129	121298	53.090	ug/l	99
61) 1,2-Dibromoethane	11.465	107	102207	50.929	ug/l	99
64) Tetrachloroethene	11.100	164	86398	48.833	ug/l	99
65) Chlorobenzene	11.888	112	300252	49.761	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	104180	51.444	ug/l	98
67) Ethyl Benzene	11.959	91	540289	53.842	ug/l	100
68) m/p-Xylenes	12.065	106	401995	109.468	ug/l	100
69) o-Xylene	12.394	106	194817	54.840	ug/l	96
70) Styrene	12.406	104	327101	56.813	ug/l	100
71) Bromoform	12.577	173	75533	53.851	ug/l #	100
73) Isopropylbenzene	12.688	105	496677	54.110	ug/l	100
74) N-amyl acetate	12.488	43	221963	56.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	148930	50.944	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	193456	81.160	ug/l	57
77) Bromobenzene	12.977	156	112475	49.458	ug/l	99
78) n-propylbenzene	13.030	91	578381	54.056	ug/l	99
79) 2-Chlorotoluene	13.118	91	353168	52.446	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	404714	54.510	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.730	75	54929	55.187	ug/l	94
82) 4-Chlorotoluene	13.218	91	348880	51.442	ug/l	99
83) tert-Butylbenzene	13.435	119	348345	54.163	ug/l	98
84) 1,2,4-Trimethylbenzene	13.477	105	409492	55.390	ug/l	99
85) sec-Butylbenzene	13.612	105	480768	53.853	ug/l	99
86) p-Isopropyltoluene	13.724	119	400392	50.122	ug/l	99
87) 1,3-Dichlorobenzene	13.730	146	208499	50.574	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	206360	48.730	ug/l	100
89) n-Butylbenzene	14.053	91	349464	53.457	ug/l	99
90) Hexachloroethane	14.329	117	77094	52.684	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	200295	51.001	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	26607	51.138	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	99659	50.846	ug/l	100
94) Hexachlorobutadiene	15.494	225	44138	45.323	ug/l	98
95) Naphthalene	15.635	128	320663	48.246	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	95855	48.946	ug/l	99

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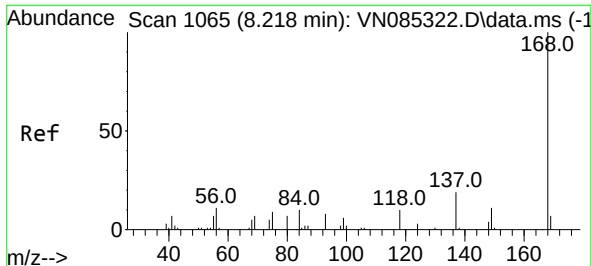
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

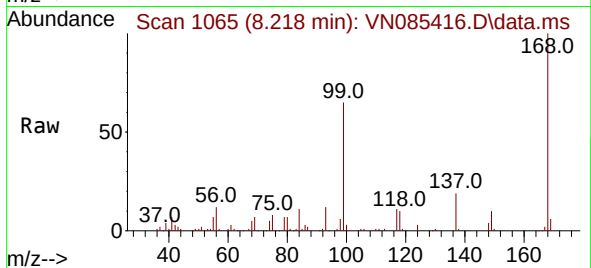
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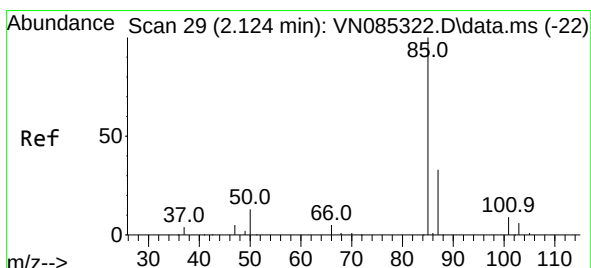
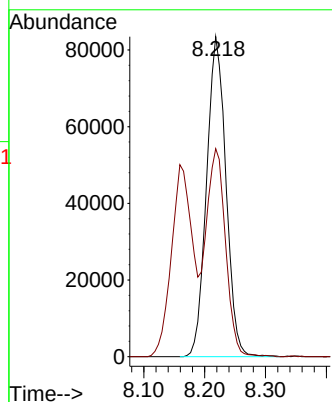
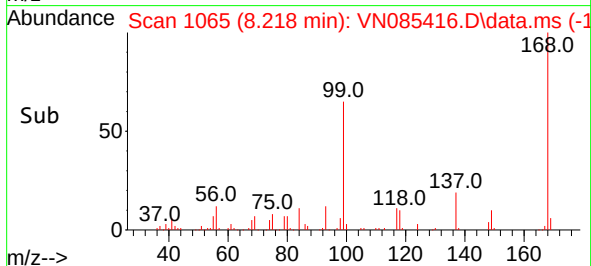


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. 0.000 min
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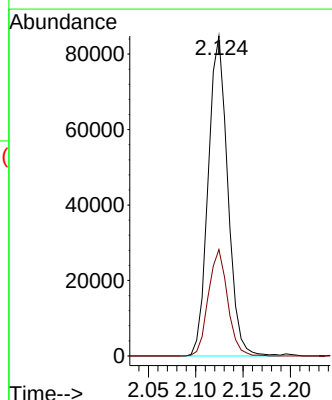
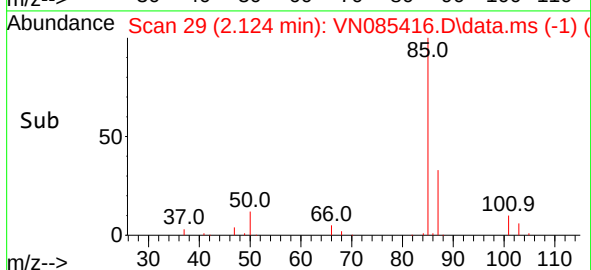
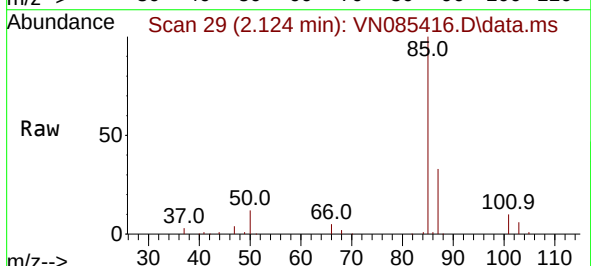


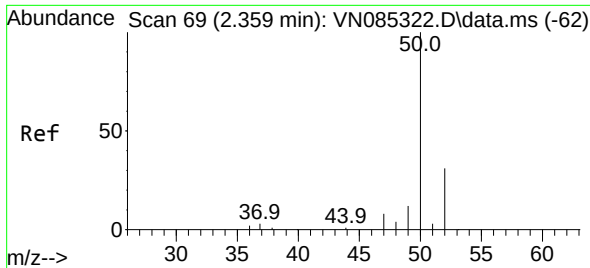
Tgt Ion:168 Resp: 184347
Ion Ratio Lower Upper
168 100
99 65.0 51.0 76.4



#2
Dichlorodifluoromethane
Concen: 48.786 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 85 Resp: 121632
Ion Ratio Lower Upper
85 100
87 33.2 16.8 50.3

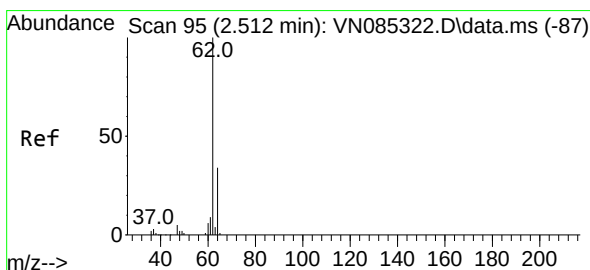
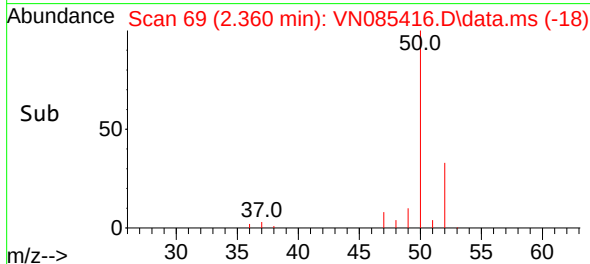
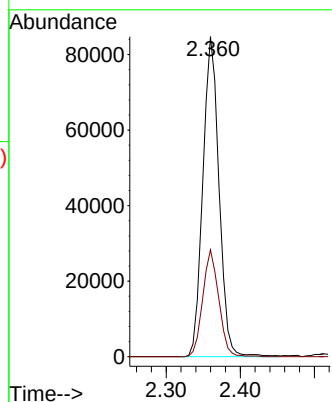
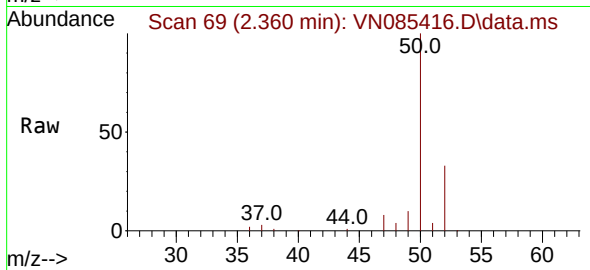




#3
Chloromethane
Concen: 45.990 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

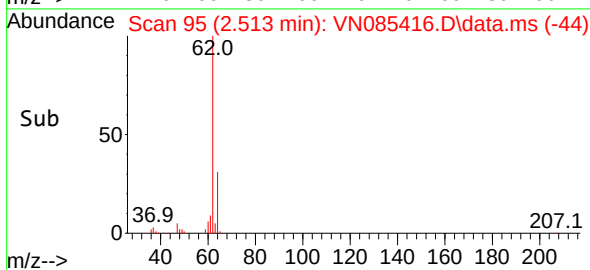
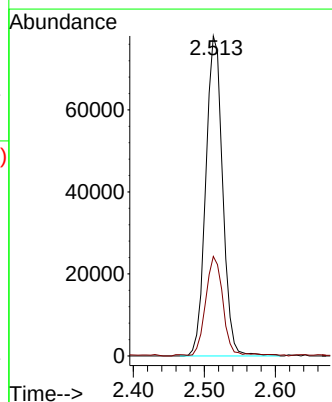
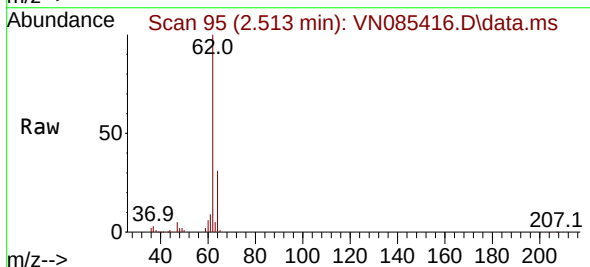
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MSVOA_N
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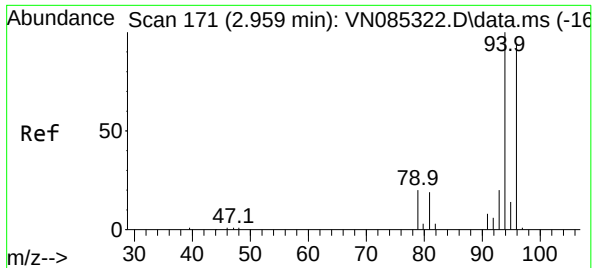
Tgt Ion: 50 Resp: 128871
Ion Ratio Lower Upper
50 100
52 33.4 25.1 37.7



#4
Vinyl Chloride
Concen: 43.579 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

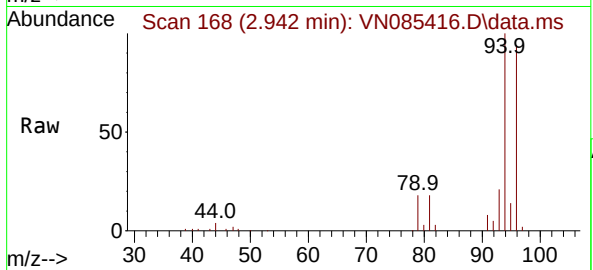
Tgt Ion: 62 Resp: 129145
Ion Ratio Lower Upper
62 100
64 30.8 27.0 40.6



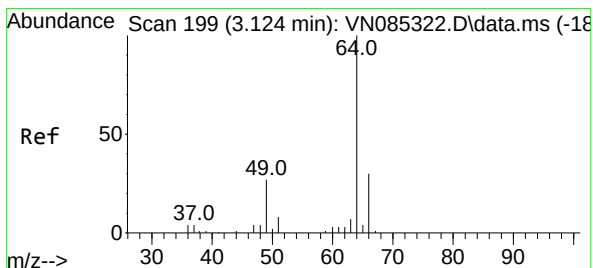
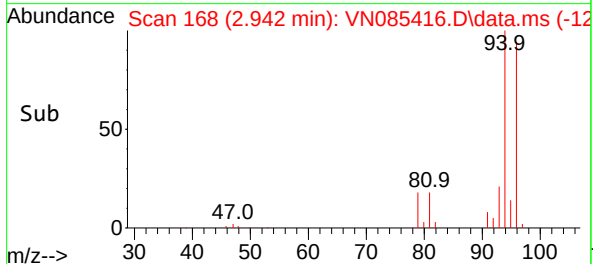
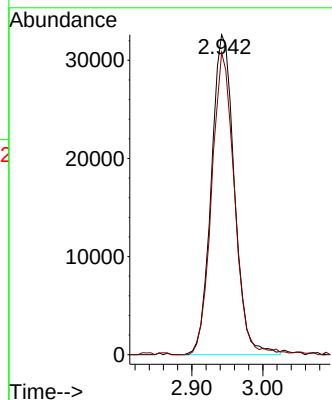


#5
Bromomethane
Concen: 37.988 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN085416.D
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ClientSampleId :

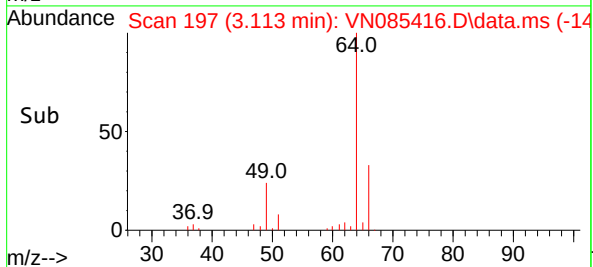
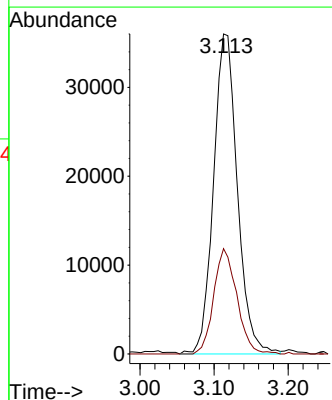
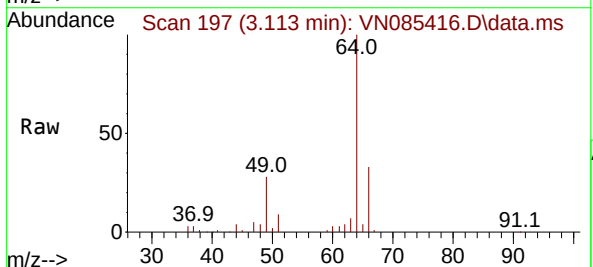


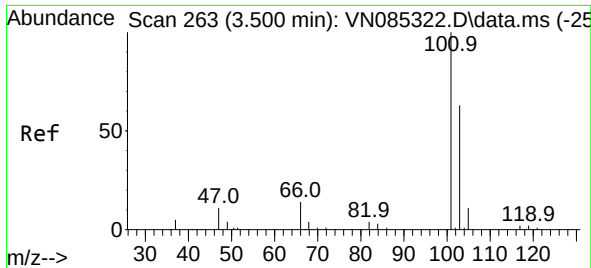
Tgt Ion: 94 Resp: 73627
Ion Ratio Lower Upper
94 100
96 94.4 75.2 112.8



#6
Chloroethane
Concen: 42.825 ug/l
RT: 3.113 min Scan# 197
Delta R.T. -0.011 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 64 Resp: 80485
Ion Ratio Lower Upper
64 100
66 32.9 24.1 36.1

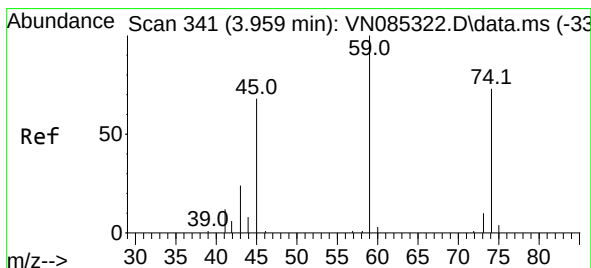
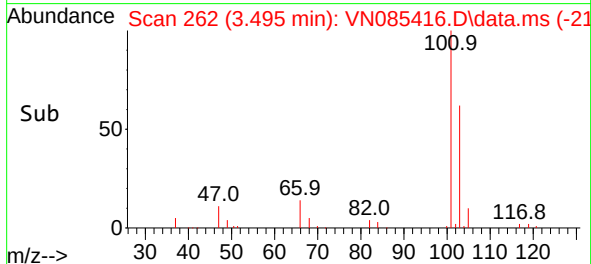
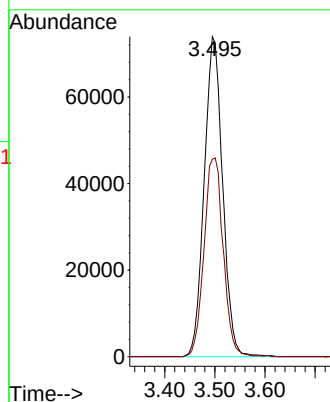
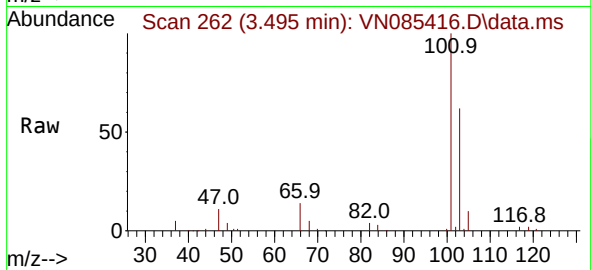




#7
 Trichlorofluoromethane
 Concen: 48.461 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VN085416.D
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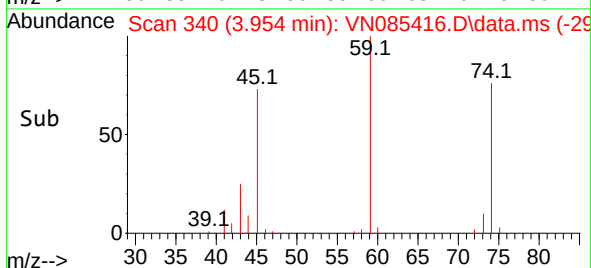
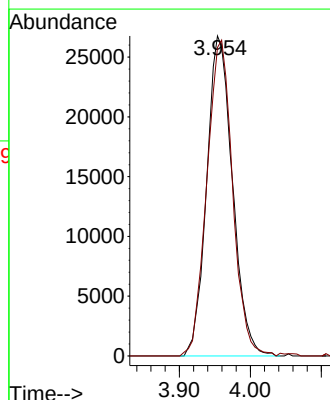
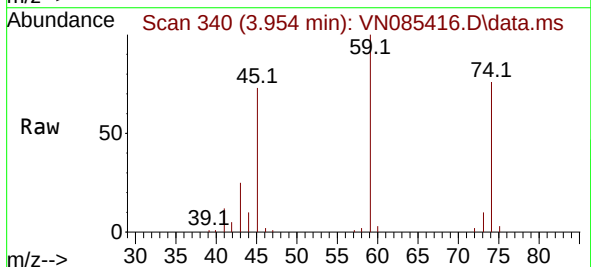
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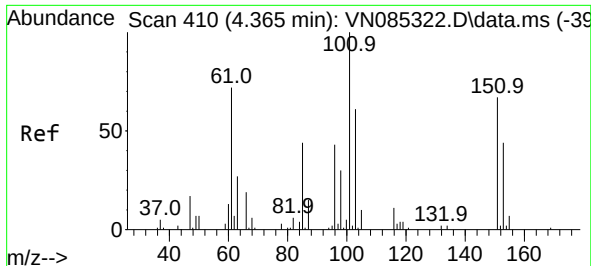
Tgt Ion:101 Resp: 188786
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.3 75.5



#8
 Diethyl Ether
 Concen: 52.393 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. -0.005 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

Tgt Ion: 74 Resp: 67580
 Ion Ratio Lower Upper
 74 100
 45 98.4 47.5 142.6

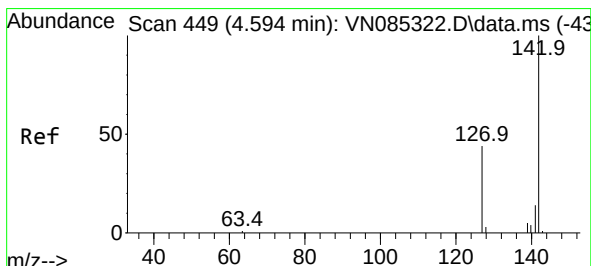
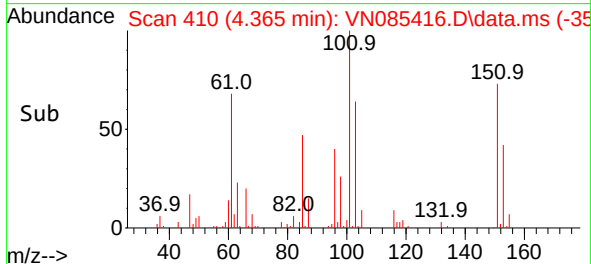
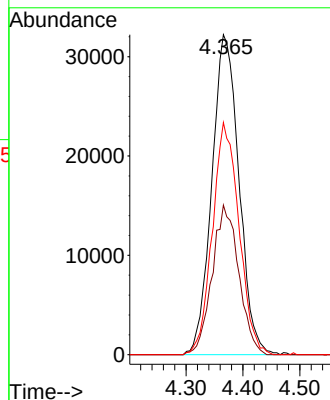
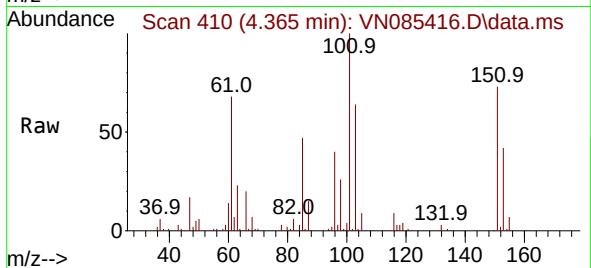




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.185 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085416.D
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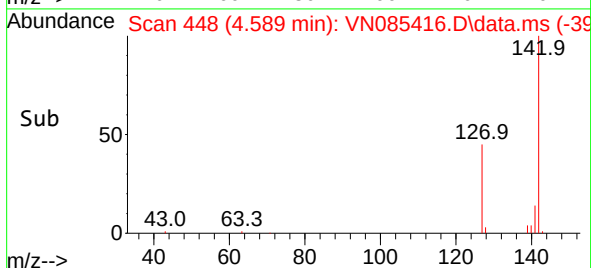
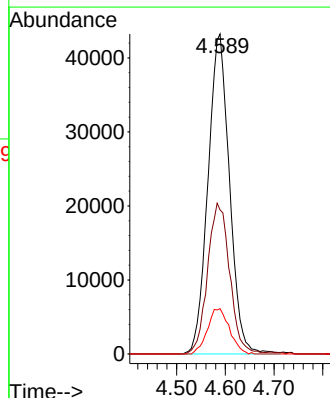
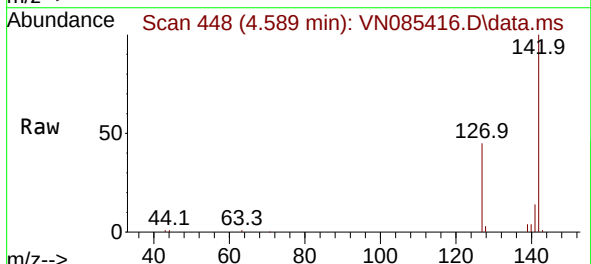
Instrument :
MSVOA_N
ClientSampleId :

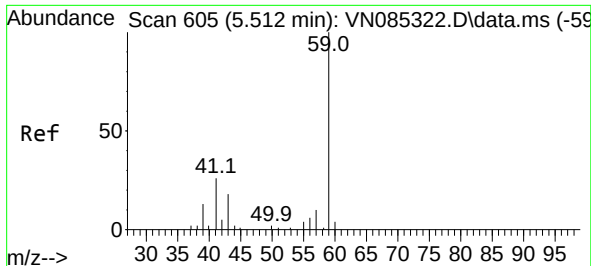
Tgt Ion:101 Resp: 106809
Ion Ratio Lower Upper
101 100
85 45.8 36.2 54.4
151 71.1 55.8 83.6



#10
Methyl Iodide
Concen: 51.691 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion:142 Resp: 132597
Ion Ratio Lower Upper
142 100
127 45.1 35.3 52.9
141 14.1 11.5 17.3

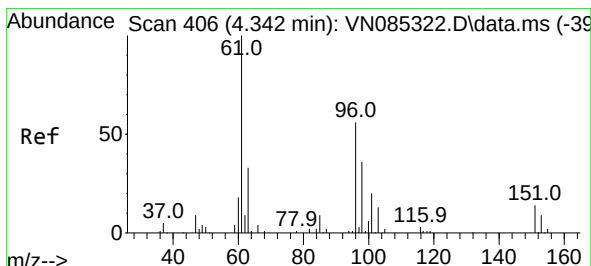
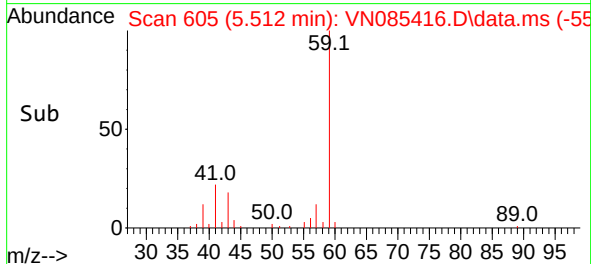
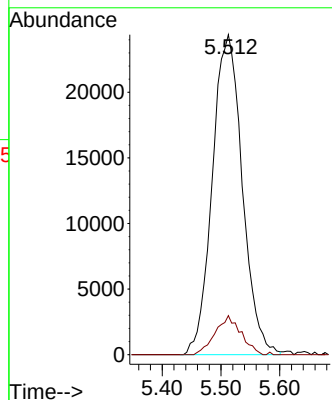
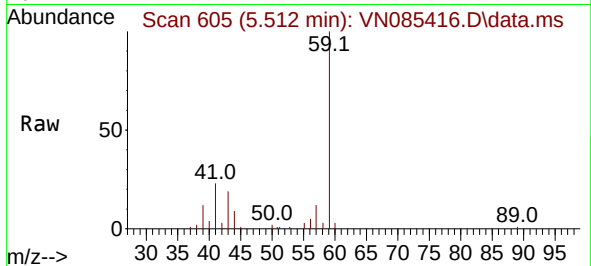




#11
Tert butyl alcohol
Concen: 262.182 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

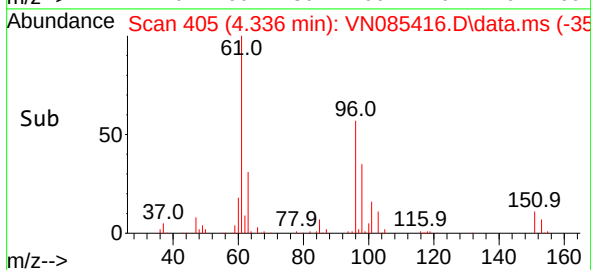
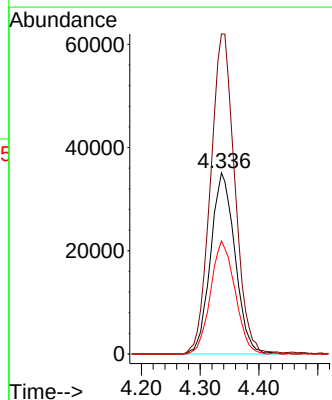
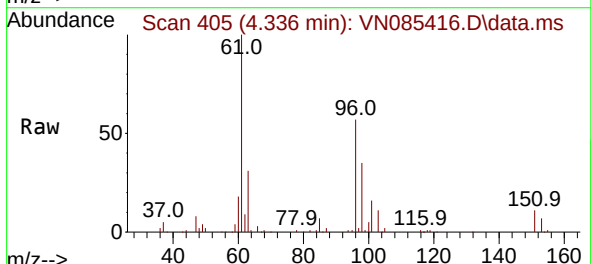
Instrument :
MSVOA_N
ClientSampleId :

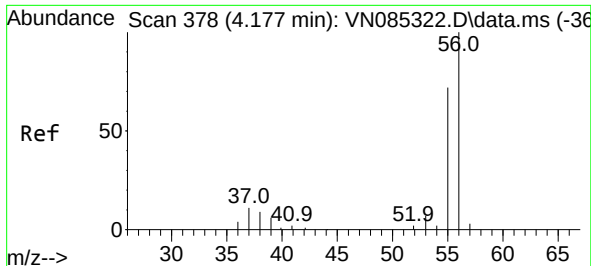
Tgt Ion: 59 Resp: 86322
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 49.351 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 96 Resp: 101099
Ion Ratio Lower Upper
96 100
61 176.7 142.4 213.6
98 62.4 51.5 77.3

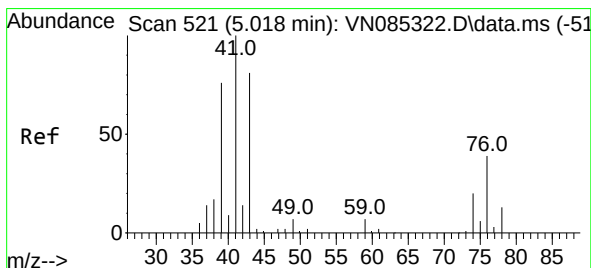
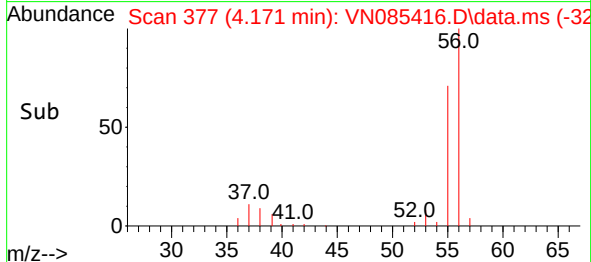
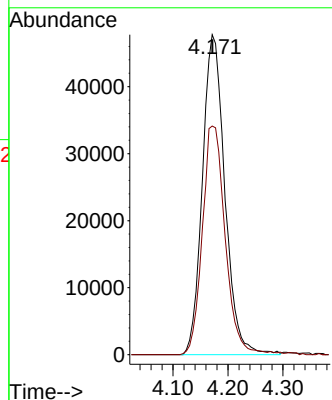
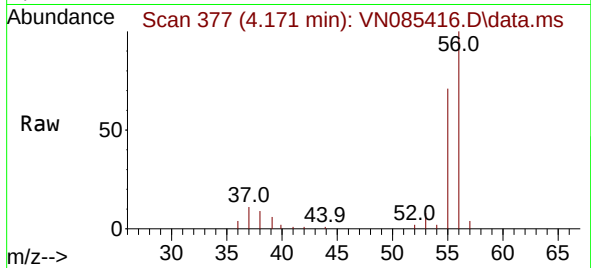




#13
Acrolein
Concen: 263.912 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

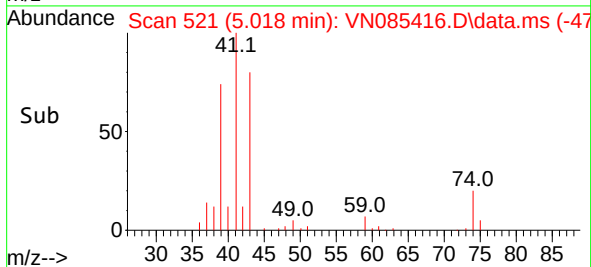
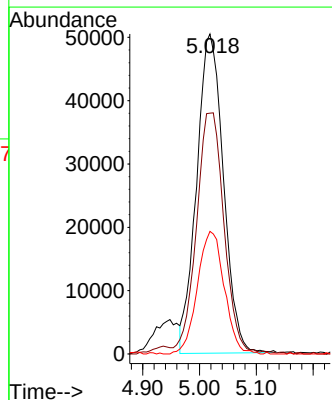
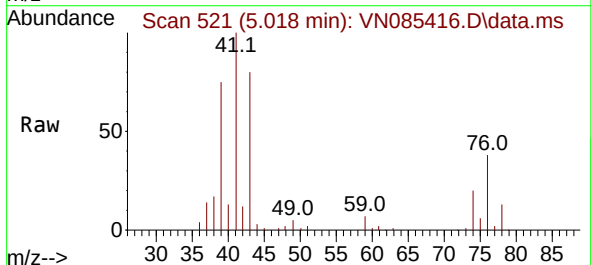
Instrument :
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ClientSampleId :

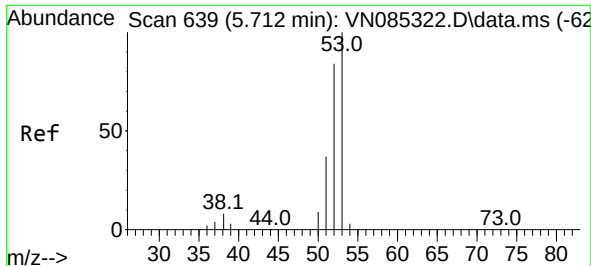
Tgt Ion: 56 Resp: 135470
Ion Ratio Lower Upper
56 100
55 72.5 57.5 86.3



#14
Allyl chloride
Concen: 50.357 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 41 Resp: 165102
Ion Ratio Lower Upper
41 100
39 76.4 64.4 96.6
76 38.5 31.5 47.3

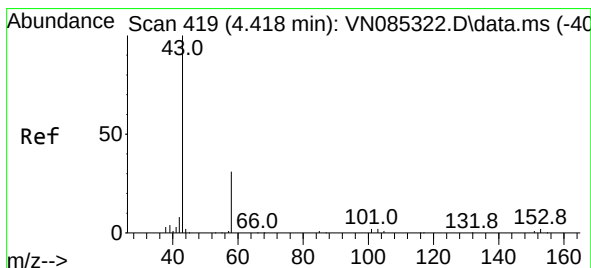
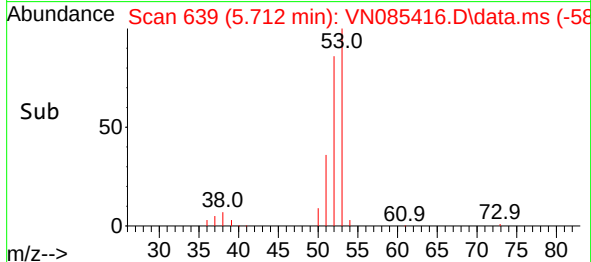
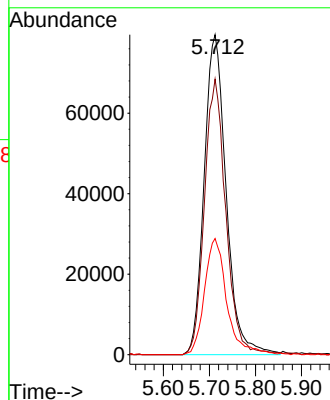
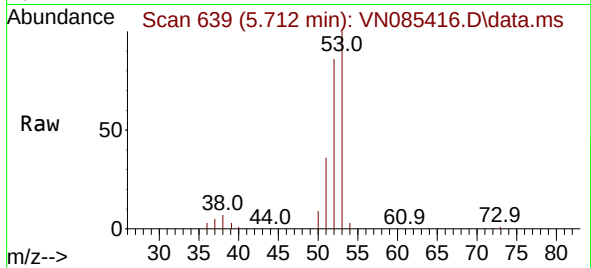




#15
Acrylonitrile
Concen: 255.128 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

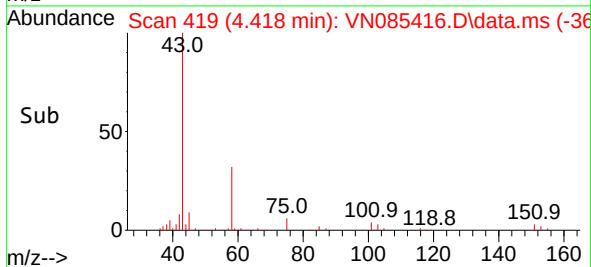
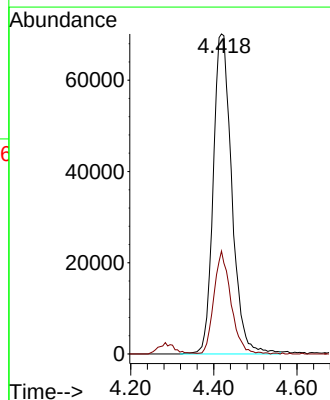
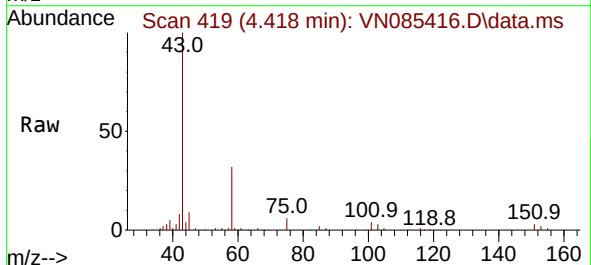
Instrument :
MSVOA_N
ClientSampleId :

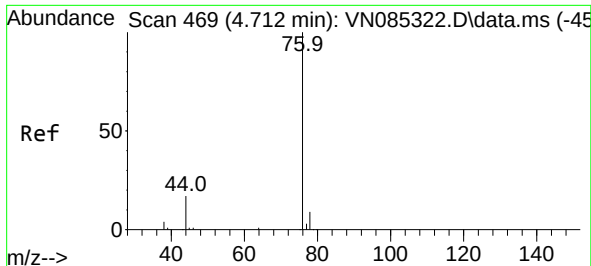
Tgt Ion: 53 Resp: 264378
Ion Ratio Lower Upper
53 100
52 83.8 66.6 100.0
51 36.7 29.6 44.4



#16
Acetone
Concen: 251.840 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 43 Resp: 217738
Ion Ratio Lower Upper
43 100
58 32.2 24.5 36.7

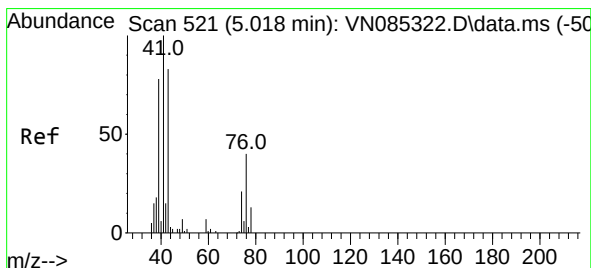
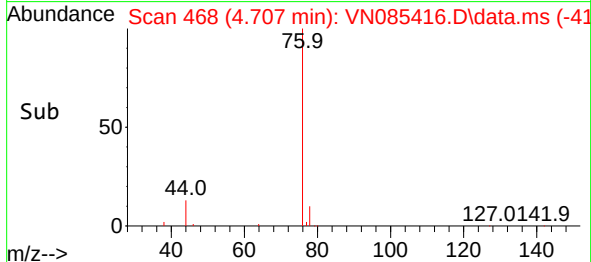
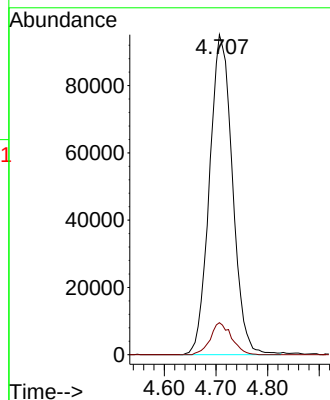
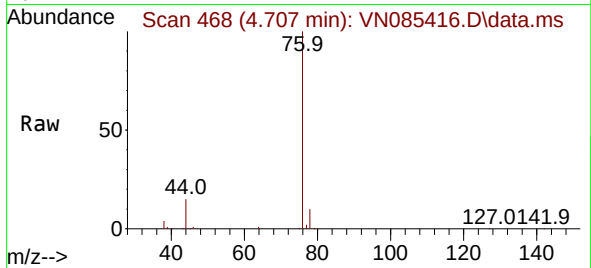




#17
Carbon Disulfide
Concen: 47.127 ug/l
RT: 4.707 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

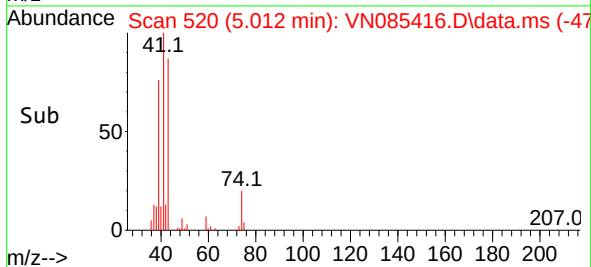
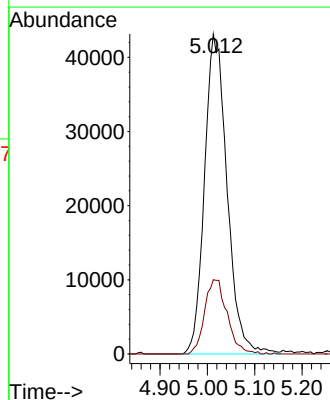
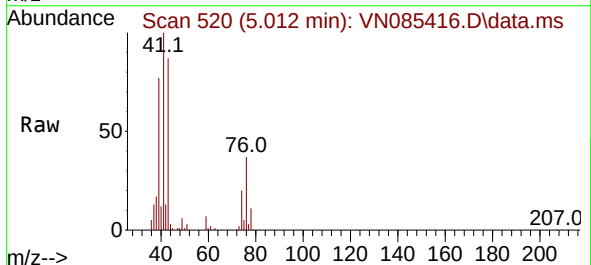
Instrument :
MSVOA_N
ClientSampleId :

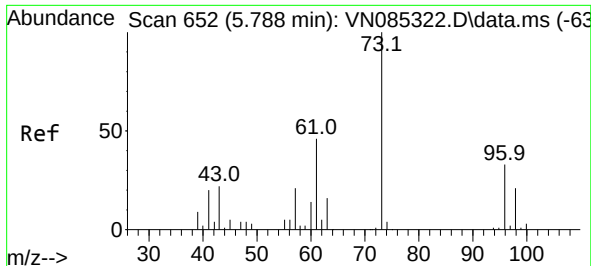
Tgt Ion: 76 Resp: 293703
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#18
Methyl Acetate
Concen: 53.946 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 43 Resp: 142795
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.6

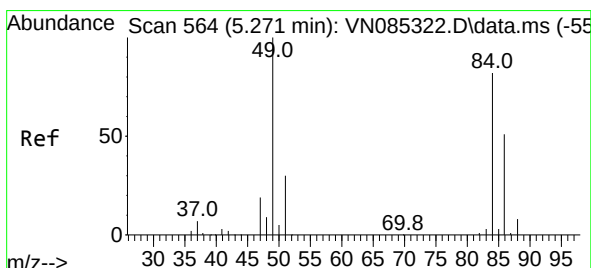
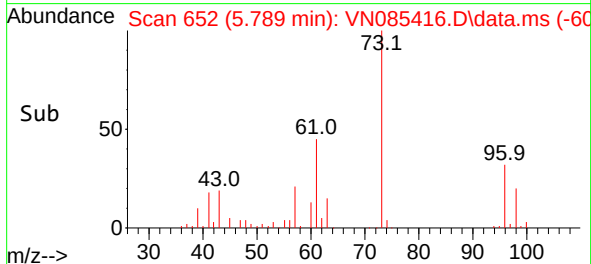
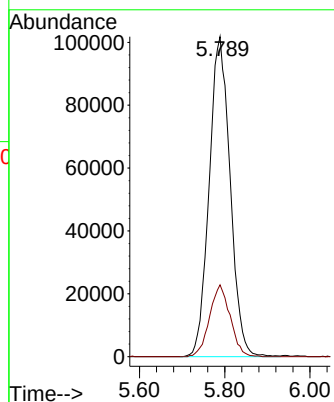
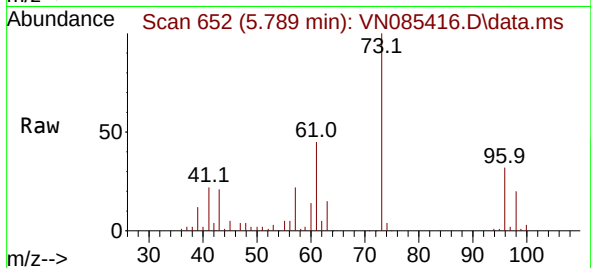




#19
Methyl tert-butyl Ether
Concen: 52.236 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

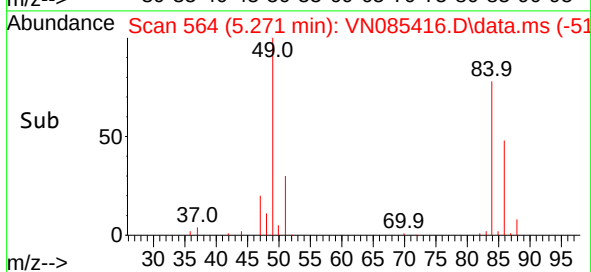
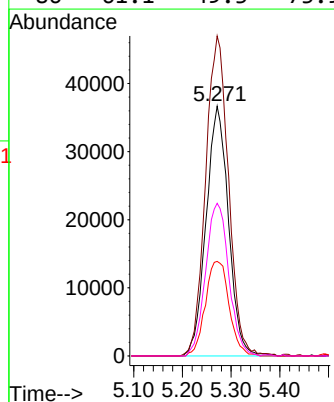
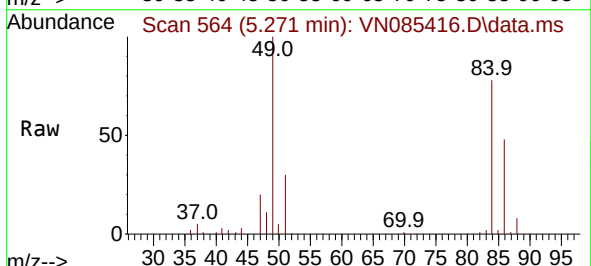
Instrument :
MSVOA_N
ClientSampleId :

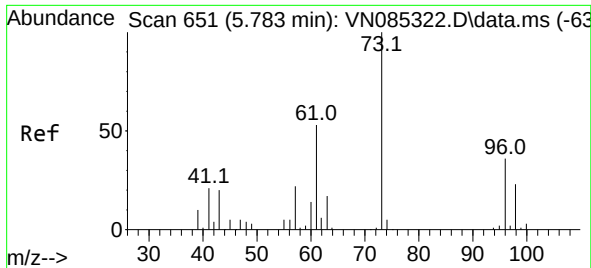
Tgt Ion: 73 Resp: 347813
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.6



#20
Methylene Chloride
Concen: 50.351 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 84 Resp: 117094
Ion Ratio Lower Upper
84 100
49 128.1 97.6 146.4
51 37.9 29.1 43.7
86 61.1 49.3 73.9

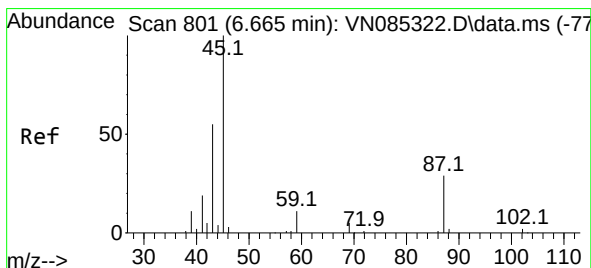
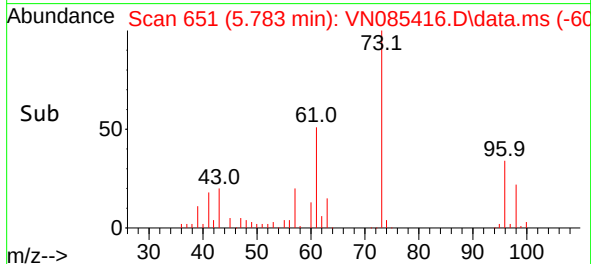
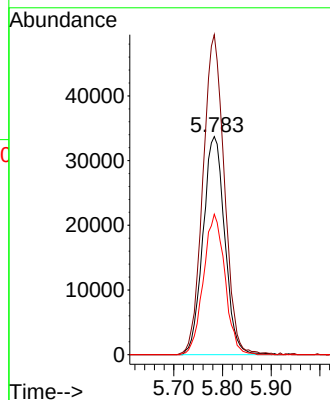
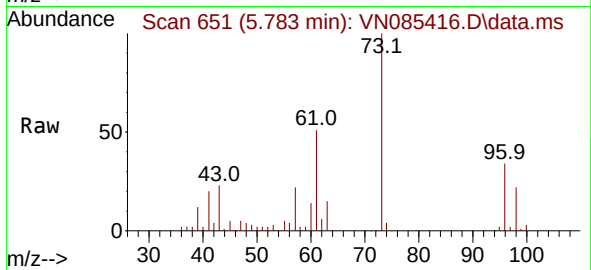




#21
trans-1,2-Dichloroethene
Concen: 48.821 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

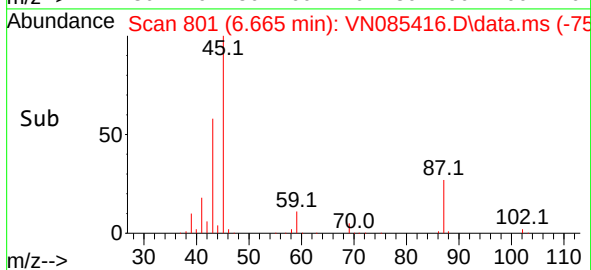
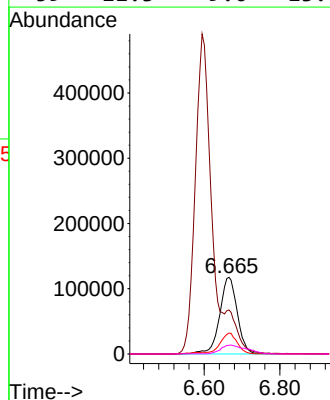
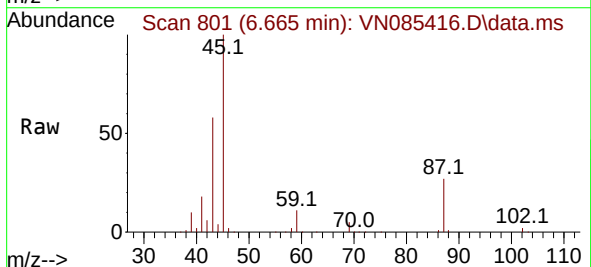
Instrument :
MSVOA_N
ClientSampleId :

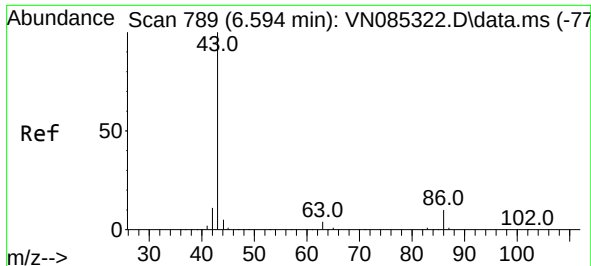
Tgt Ion: 96 Resp: 104475
Ion Ratio Lower Upper
96 100
61 146.2 118.0 177.0
98 64.4 50.6 75.8



#22
Diisopropyl ether
Concen: 53.770 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 45 Resp: 379895
Ion Ratio Lower Upper
45 100
43 56.9 44.1 66.1
87 27.2 23.2 34.8
59 11.3 9.0 13.6

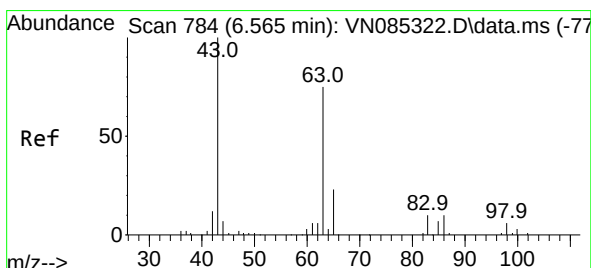
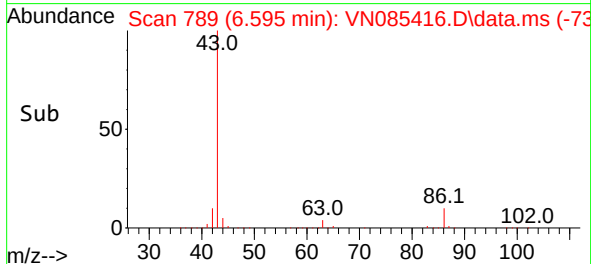
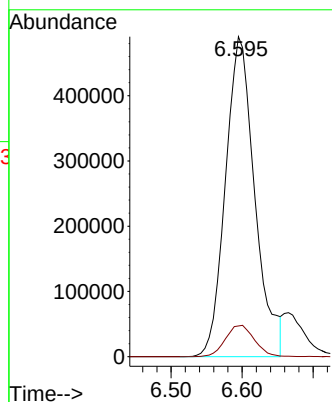
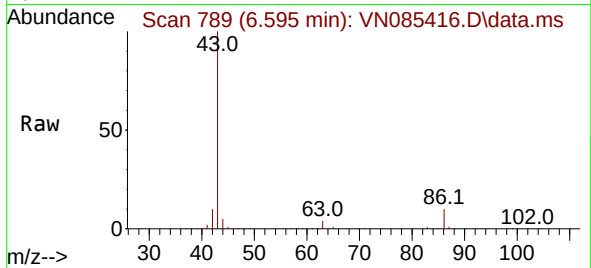




#23
 Vinyl Acetate
 Concen: 275.571 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

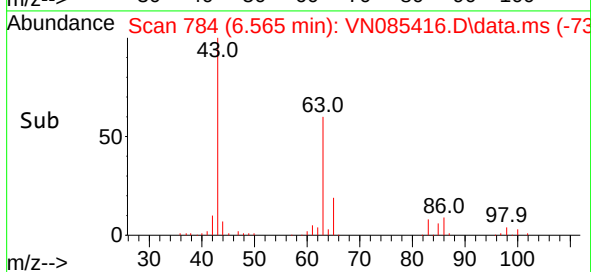
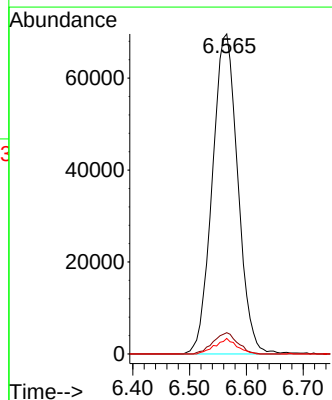
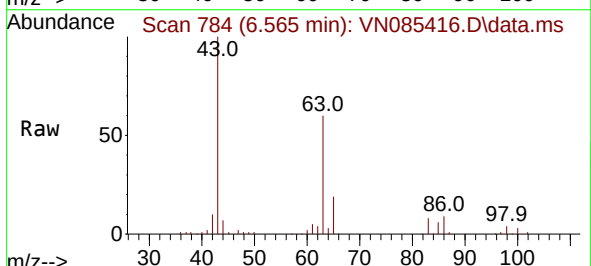
Instrument :
 MSVOA_N
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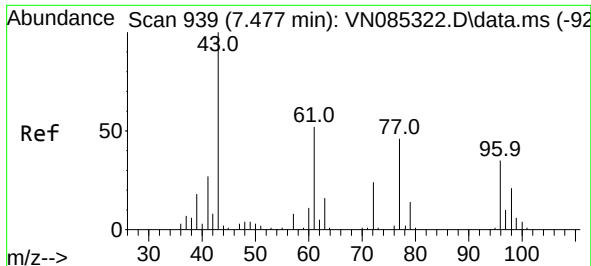
Tgt Ion: 43 Resp: 1408476
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 50.971 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

Tgt Ion: 63 Resp: 216934
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.7 11.1
 100 4.9 2.3 6.8

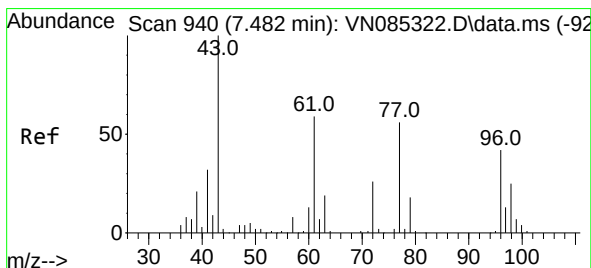
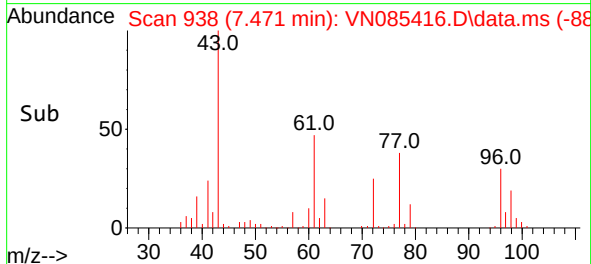
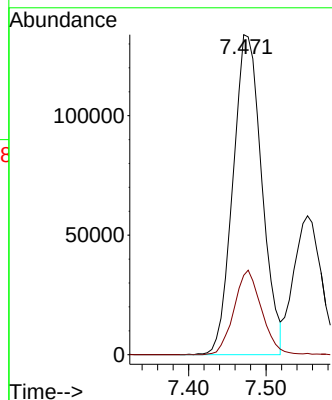
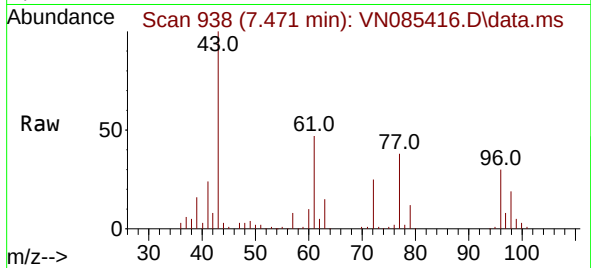




#25
2-Butanone
Concen: 258.606 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

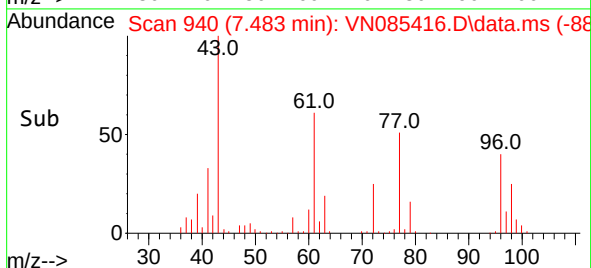
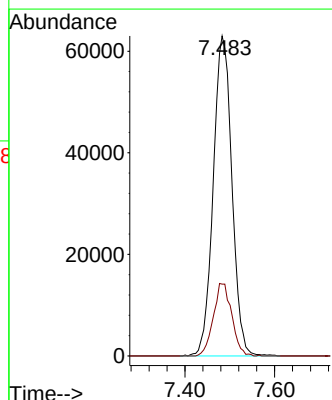
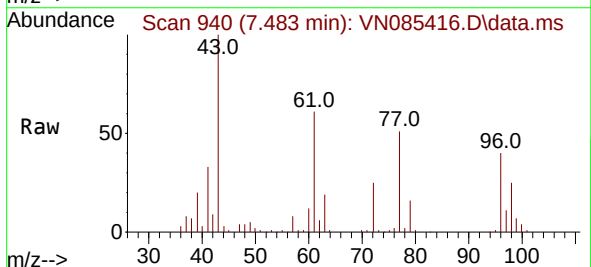
Instrument :
MSVOA_N
ClientSampleId :

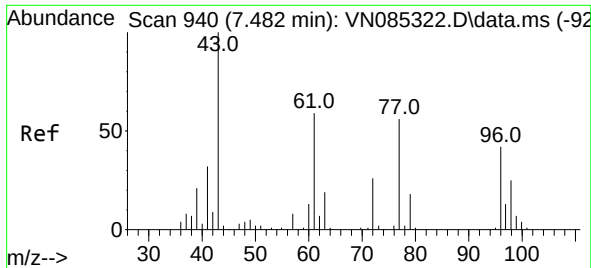
Tgt Ion: 43 Resp: 346874
Ion Ratio Lower Upper
43 100
72 24.8 19.6 29.4



#26
2,2-Dichloropropane
Concen: 48.832 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 77 Resp: 182082
Ion Ratio Lower Upper
77 100
97 22.3 10.6 31.8

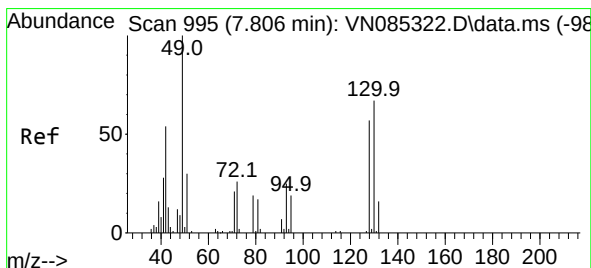
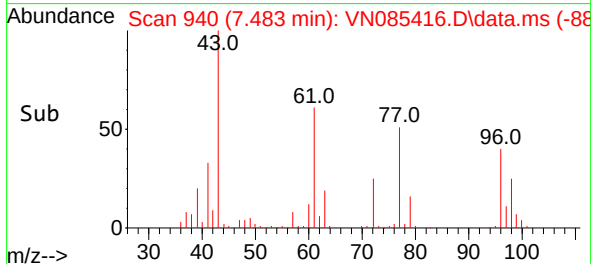
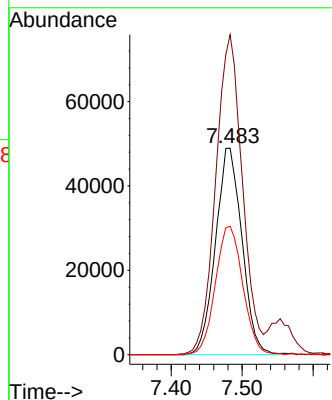
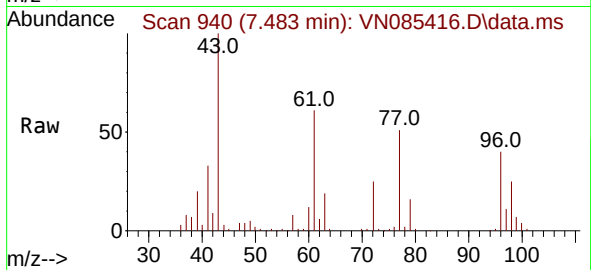




#27
 cis-1,2-Dichloroethene
 Concen: 50.388 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

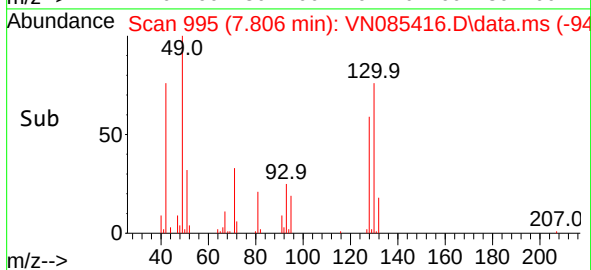
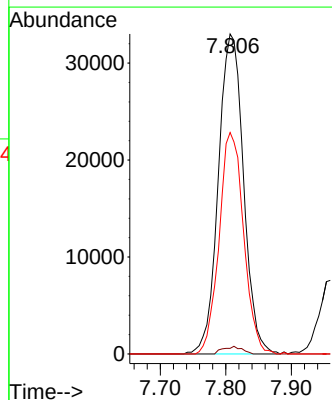
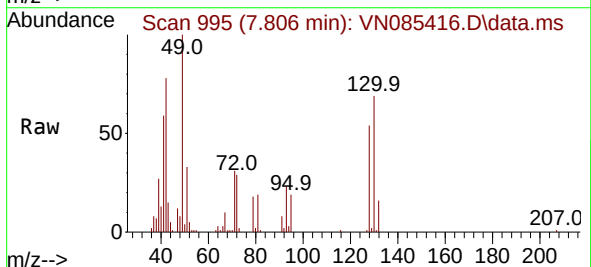
Instrument :
 MSVOA_N
 ClientSampleId :

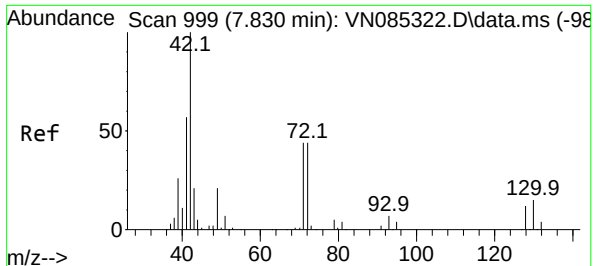
Tgt Ion: 96 Resp: 126559
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 296.4
 98 64.3 0.0 124.2



#28
 Bromochloromethane
 Concen: 44.431 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

Tgt Ion: 49 Resp: 87877
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.0
 130 67.3 0.0 0.0#





#29

Tetrahydrofuran

Concen: 270.244 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

ClientSampleId :

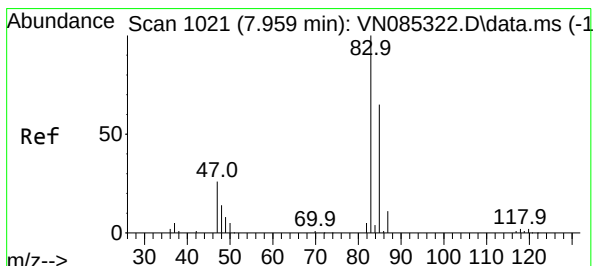
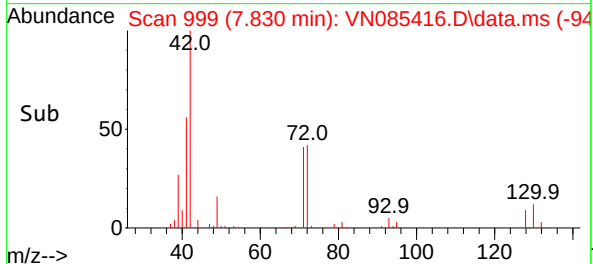
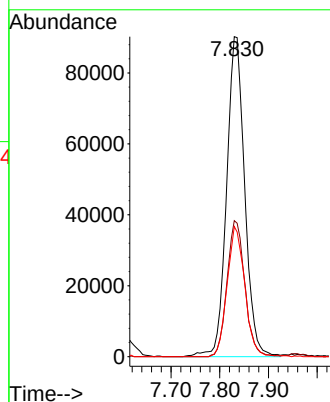
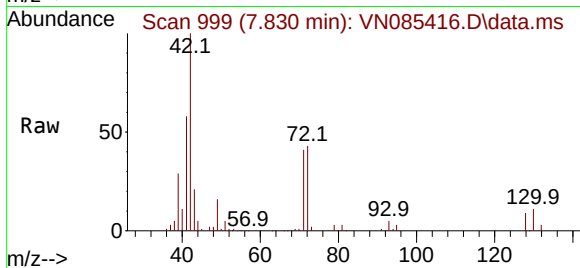
Tgt Ion: 42 Resp: 233494

Ion Ratio Lower Upper

42 100

72 41.7 35.1 52.7

71 39.6 33.4 50.0



#30

Chloroform

Concen: 48.391 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VN085416.D

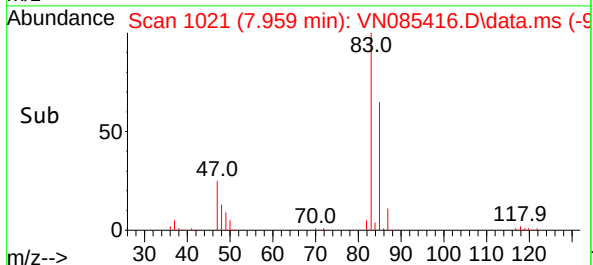
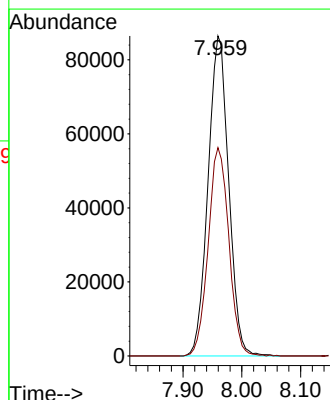
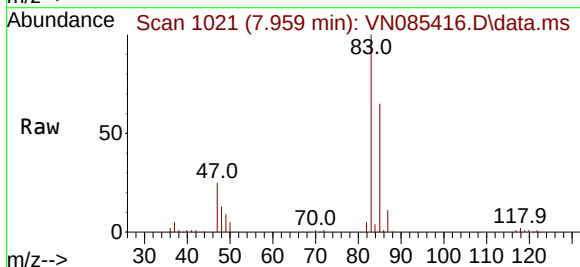
Acq: 09 Jan 2025 18:23

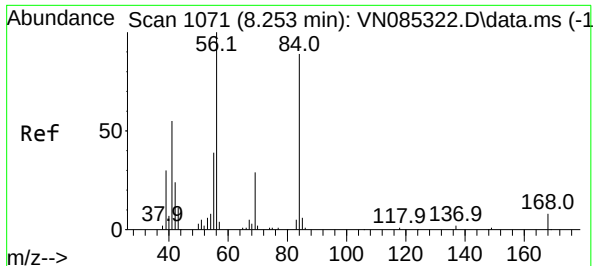
Tgt Ion: 83 Resp: 210699

Ion Ratio Lower Upper

83 100

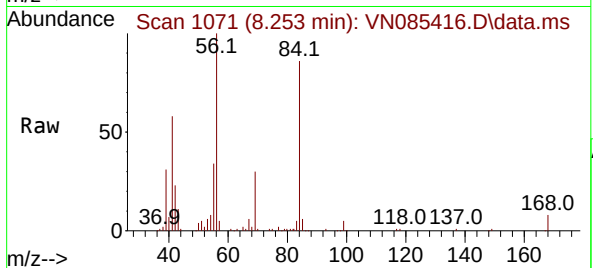
85 65.1 52.0 78.0



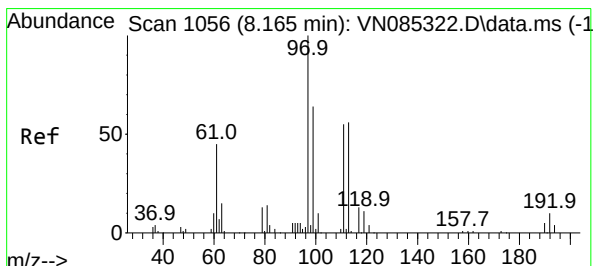
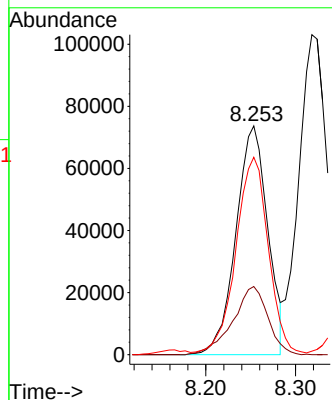
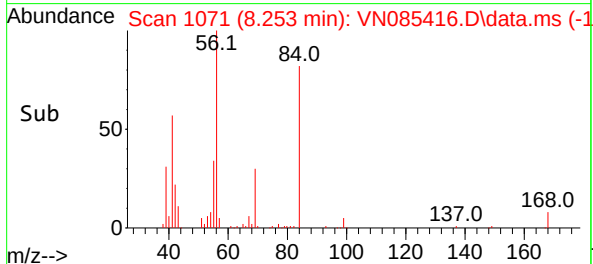


#31
Cyclohexane
Concen: 46.615 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

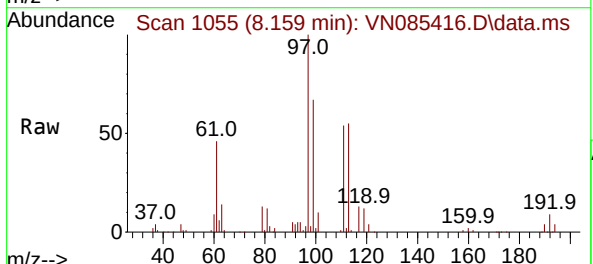
Instrument :
MSVOA_N
ClientSampleId :



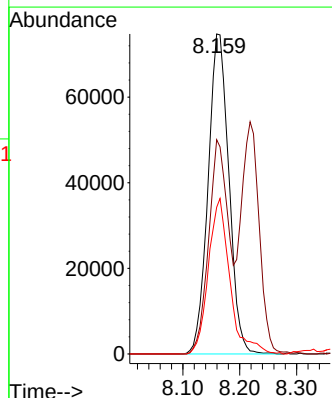
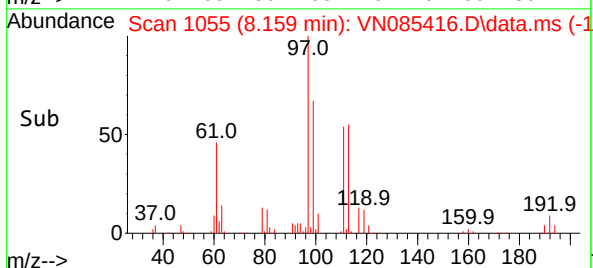
Tgt Ion: 56 Resp: 181160
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.0
84 85.0 71.0 106.6

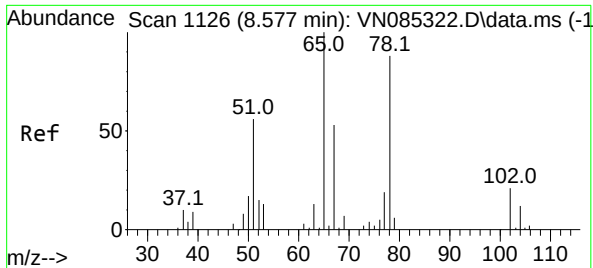


#32
1,1,1-Trichloroethane
Concen: 48.844 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23



Tgt Ion: 97 Resp: 189931
Ion Ratio Lower Upper
97 100
99 62.9 53.3 79.9
61 50.3 39.6 59.4

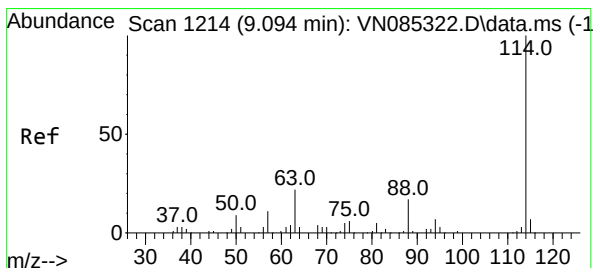
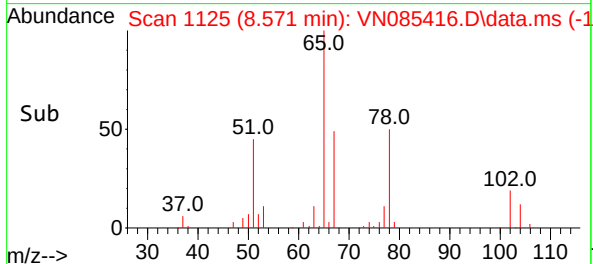
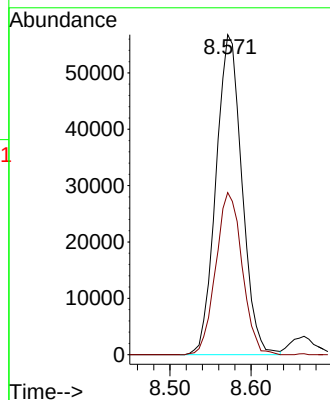
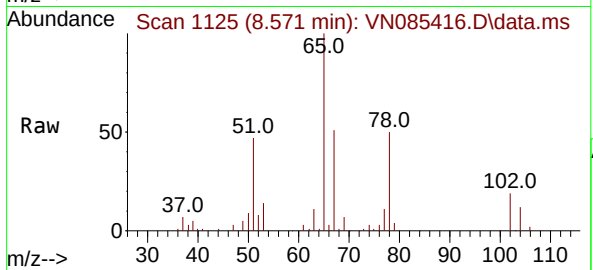




#33
 1,2-Dichloroethane-d4
 Concen: 48.101 ug/l
 RT: 8.571 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

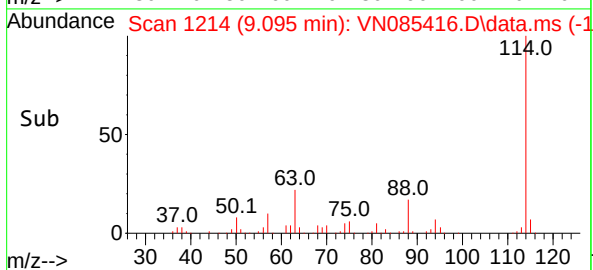
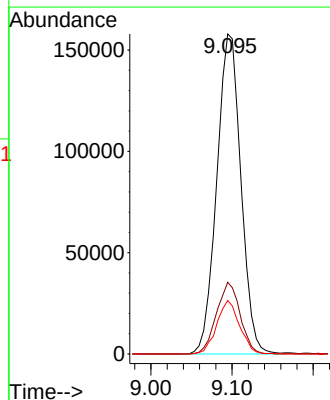
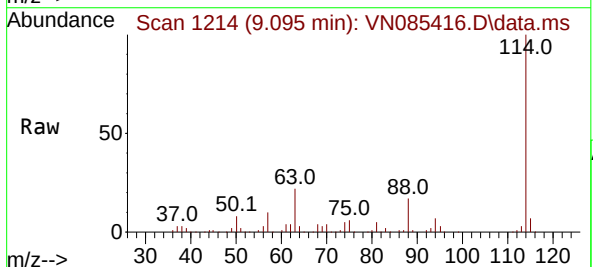
Instrument :
 MSVOA_N
 ClientSampleId :

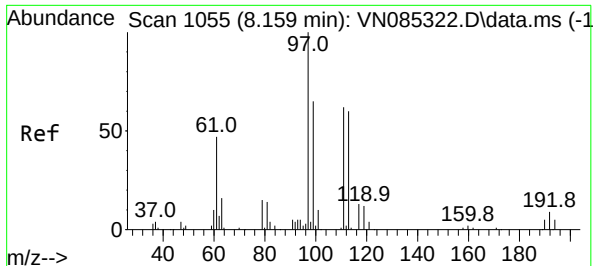
Tgt Ion: 65 Resp: 126472
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.095 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

Tgt Ion: 114 Resp: 326734
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.4
 88 16.7 0.0 33.6

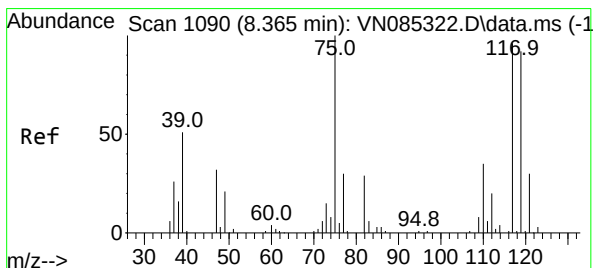
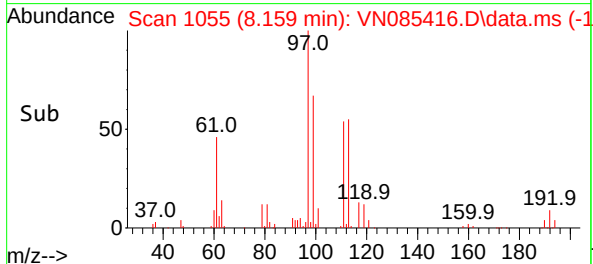
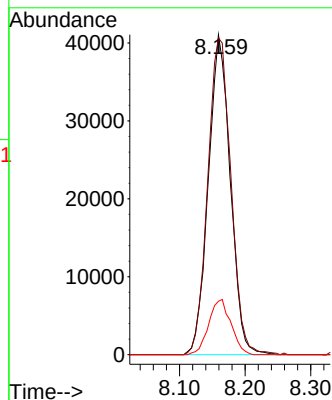
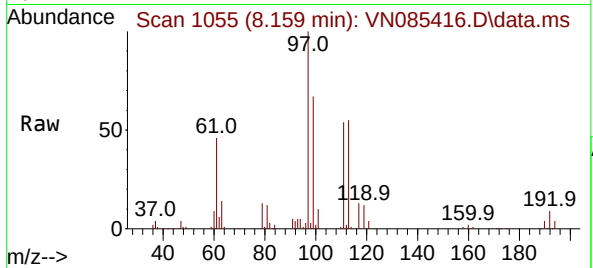




#35
Dibromofluoromethane
Concen: 46.939 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

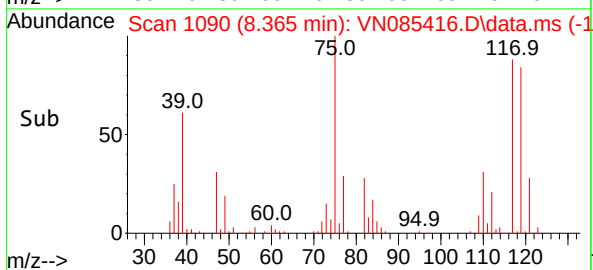
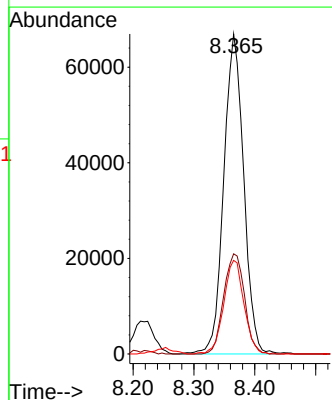
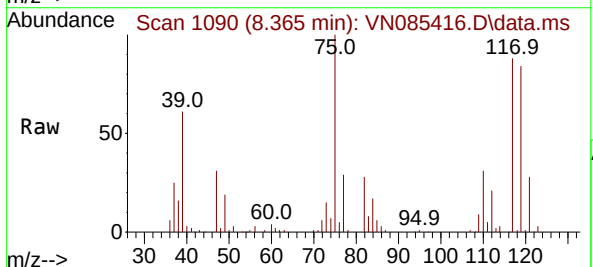
Instrument :
MSVOA_N
ClientSampleId :

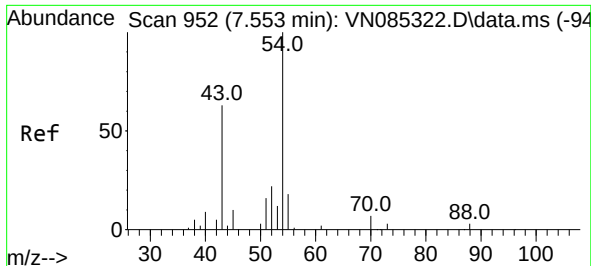
Tgt Ion:113 Resp: 95678
Ion Ratio Lower Upper
113 100
111 104.4 80.5 120.7
192 17.5 12.9 19.3



#36
1,1-Dichloropropene
Concen: 51.051 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 75 Resp: 152358
Ion Ratio Lower Upper
75 100
110 32.7 16.6 49.8
77 29.7 24.3 36.5





#37

Ethyl Acetate

Concen: 50.324 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

ClientSampleId :

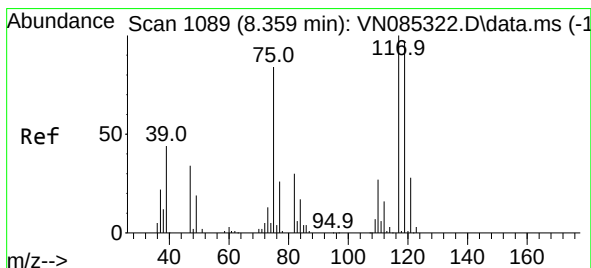
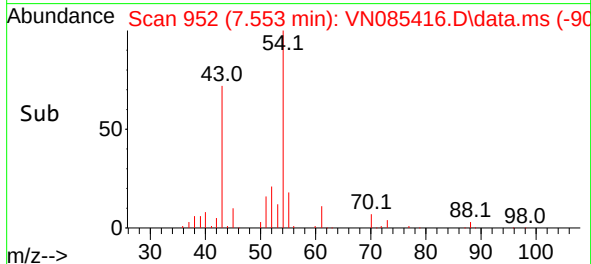
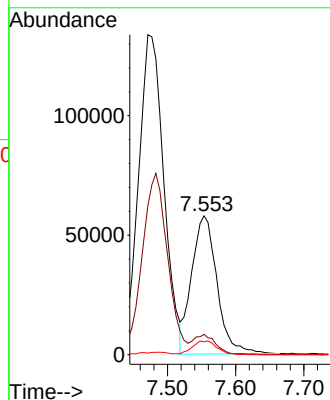
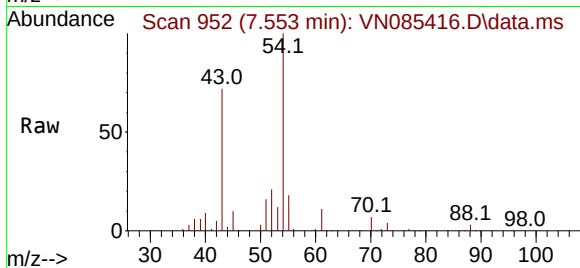
Tgt Ion: 43 Resp: 149280

Ion Ratio Lower Upper

43 100

61 13.1 10.4 15.6

70 9.6 8.2 12.2



#38

Carbon Tetrachloride

Concen: 50.153 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.005 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

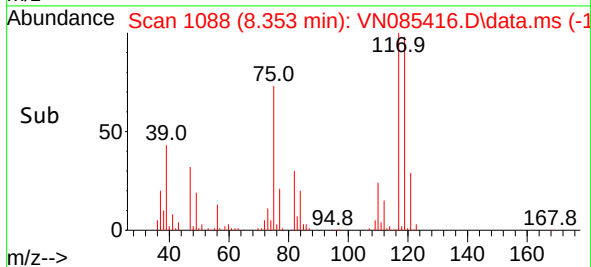
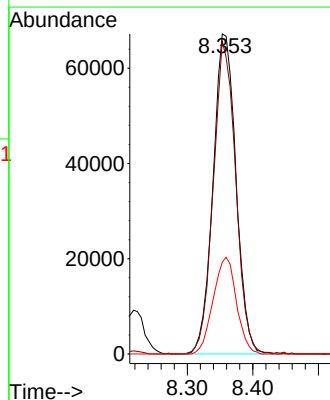
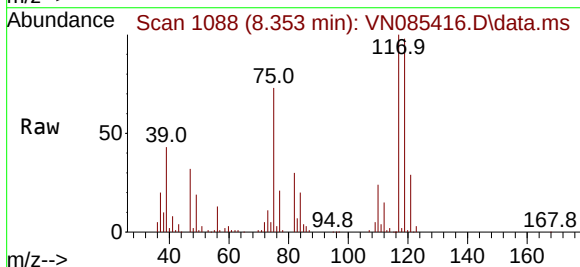
Tgt Ion: 117 Resp: 163152

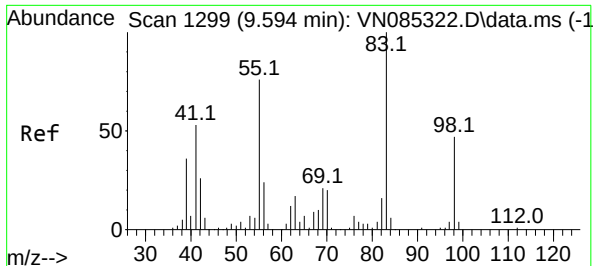
Ion Ratio Lower Upper

117 100

119 97.8 77.8 116.6

121 28.7 22.5 33.7





#39

Methylcyclohexane

Concen: 52.921 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

ClientSampleId :

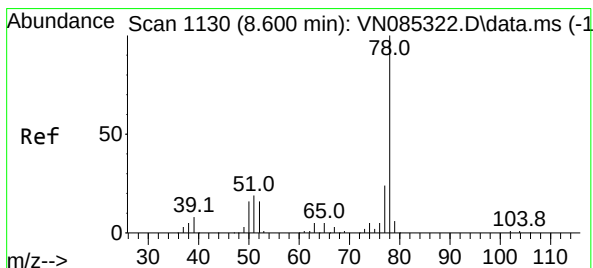
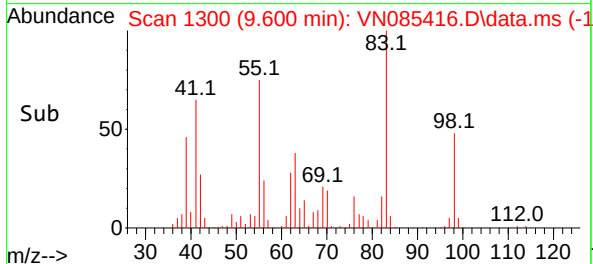
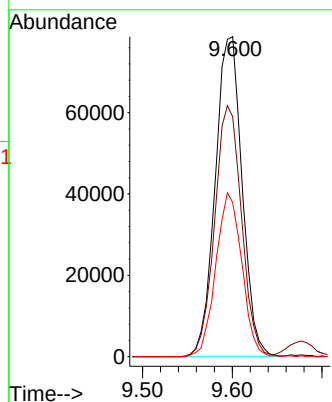
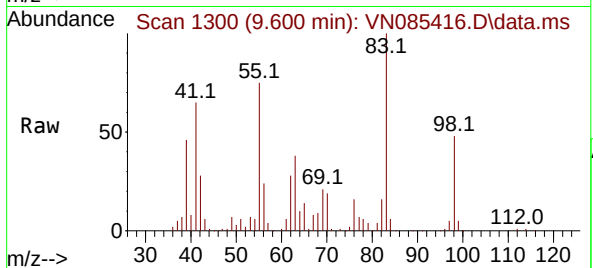
Tgt Ion: 83 Resp: 163869

Ion Ratio Lower Upper

83 100

55 75.0 60.7 91.1

98 48.2 37.7 56.5



#40

Benzene

Concen: 51.411 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085416.D

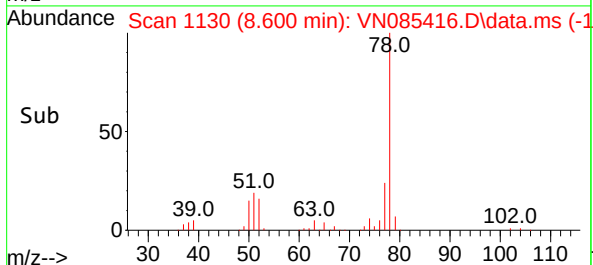
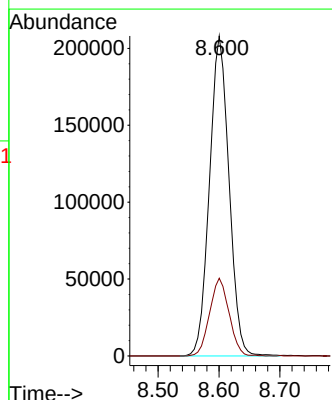
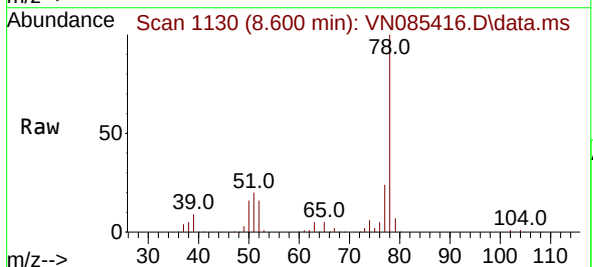
Acq: 09 Jan 2025 18:23

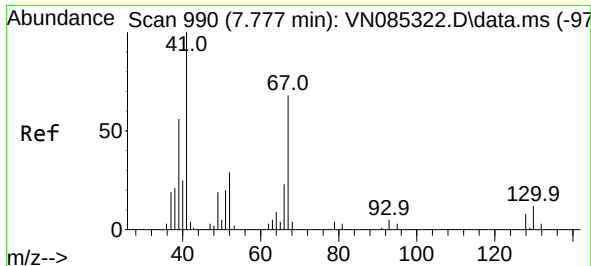
Tgt Ion: 78 Resp: 463902

Ion Ratio Lower Upper

78 100

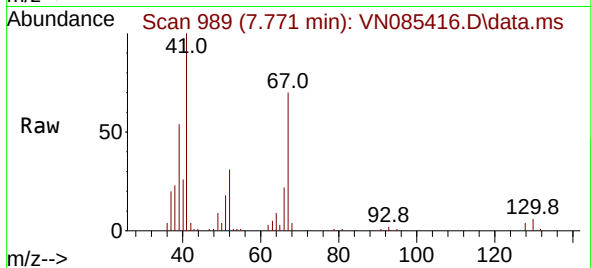
77 24.3 19.0 28.4



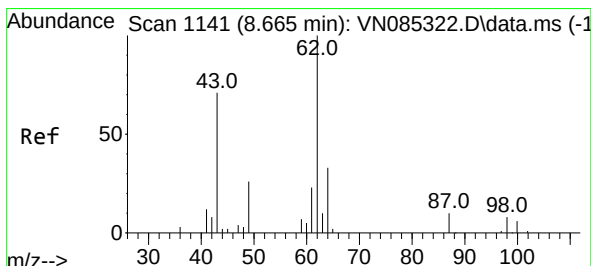
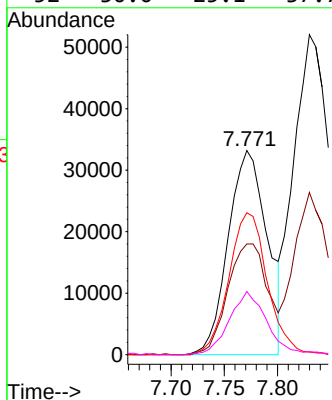
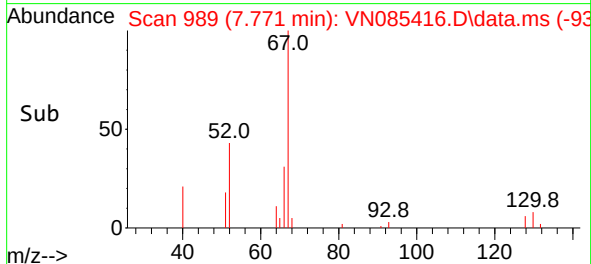


#41
Methacrylonitrile
Concen: 55.621 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Instrument :
MSVOA_N
ClientSampleId :

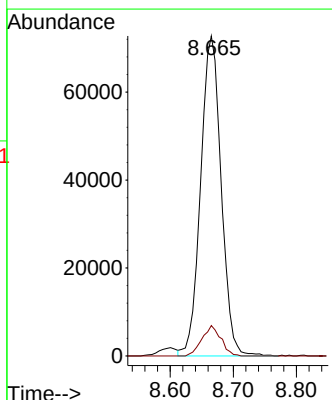
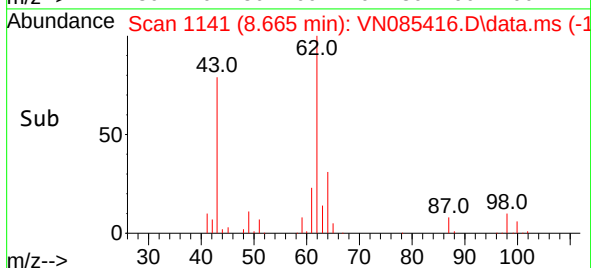
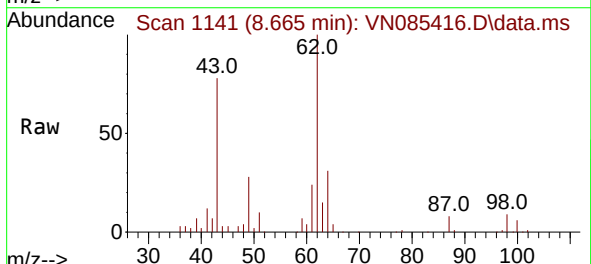


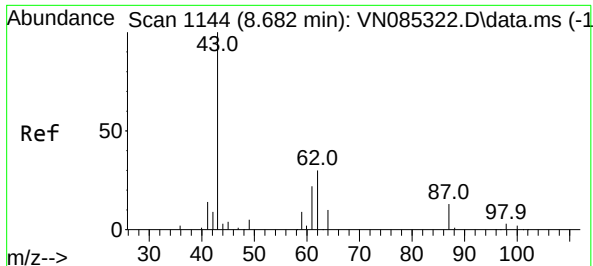
Tgt Ion:	41	Resp:	84500
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.8
67	68.7	57.1	85.7
52	30.0	25.1	37.7



#42
1,2-Dichloroethane
Concen: 50.698 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion:	62	Resp:	164014
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

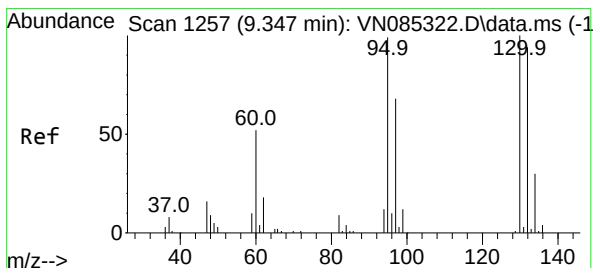
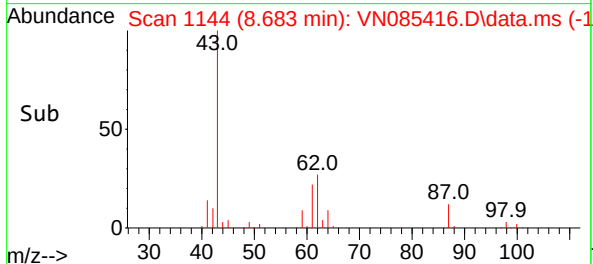
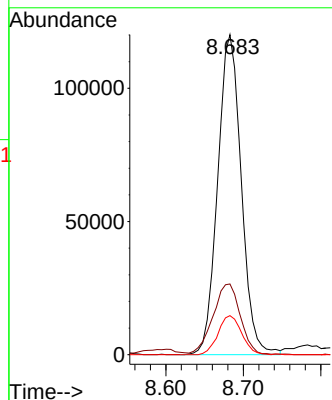
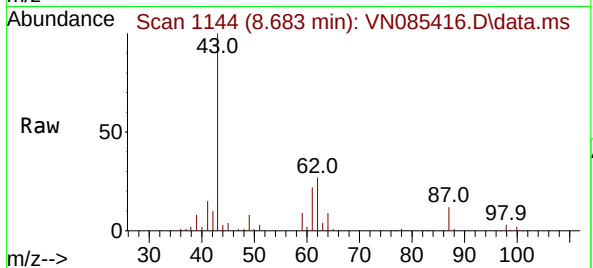




#43
Isopropyl Acetate
Concen: 52.167 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

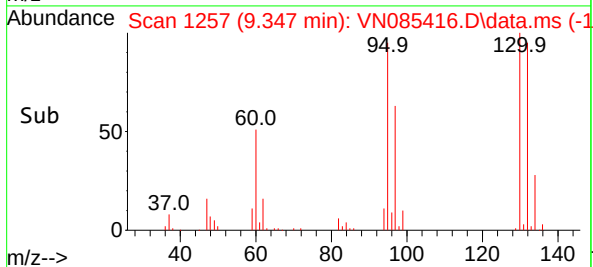
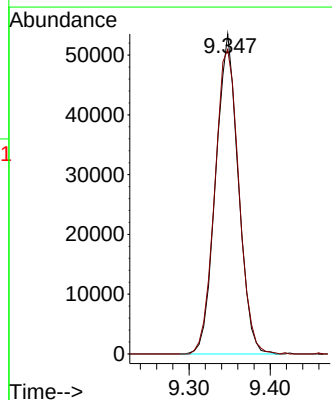
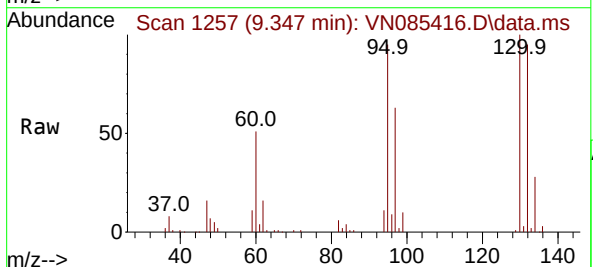
Instrument :
MSVOA_N
ClientSampleId :

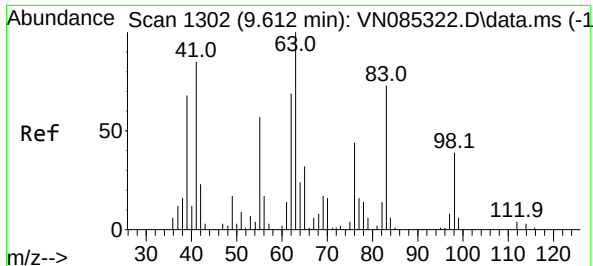
Tgt Ion: 43 Resp: 254805
Ion Ratio Lower Upper
43 100
61 25.7 20.8 31.2
87 12.2 10.2 15.4



#44
Trichloroethene
Concen: 48.502 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion:130 Resp: 103616
Ion Ratio Lower Upper
130 100
95 95.2 0.0 197.8





#45

1,2-Dichloropropane

Concen: 50.886 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

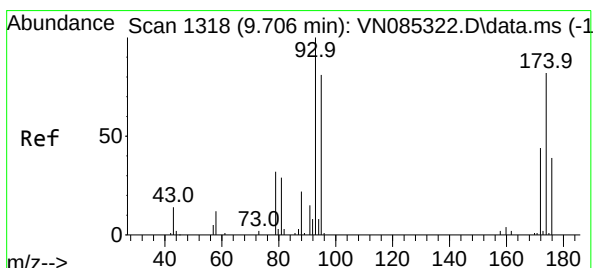
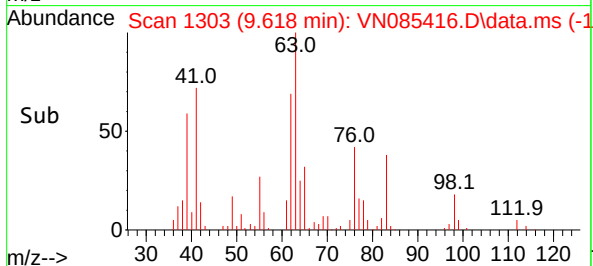
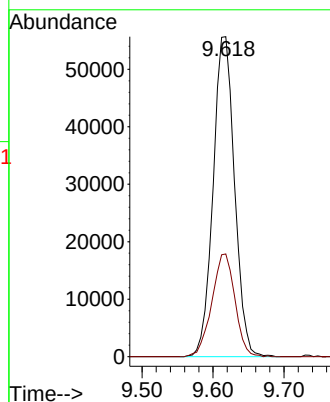
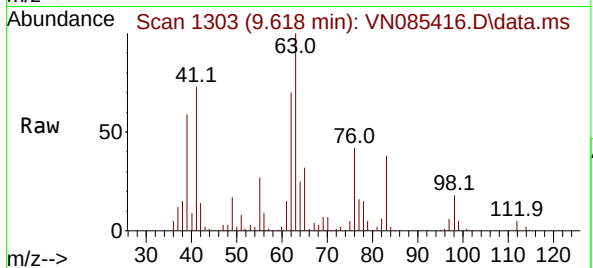
ClientSampleId :

Tgt Ion: 63 Resp: 116561

Ion Ratio Lower Upper

63 100

65 32.1 25.5 38.3



#46

Dibromomethane

Concen: 49.527 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

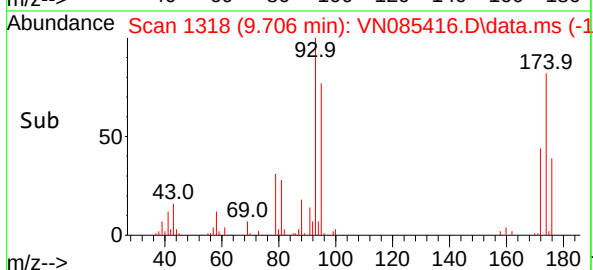
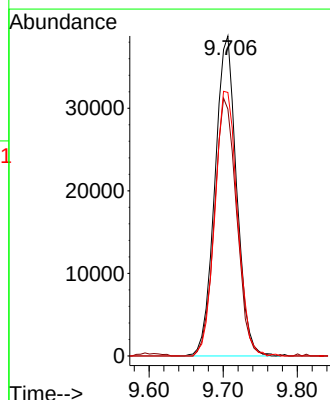
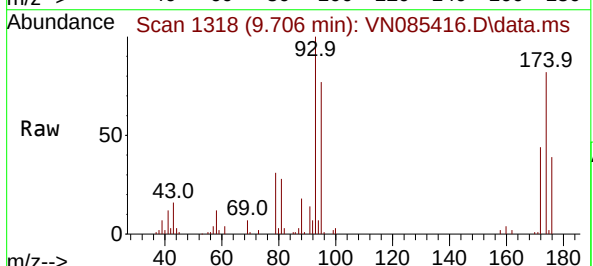
Tgt Ion: 93 Resp: 78899

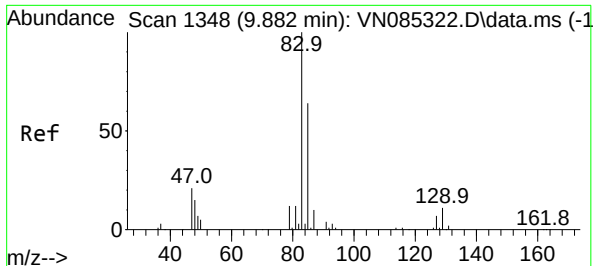
Ion Ratio Lower Upper

93 100

95 82.0 65.3 97.9

174 85.8 66.4 99.6

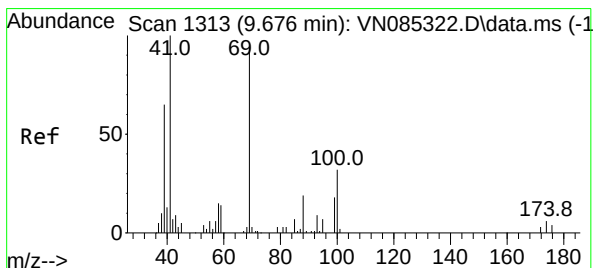
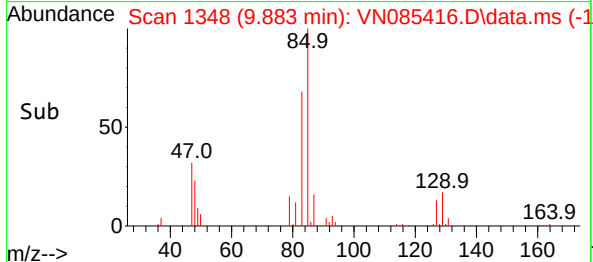
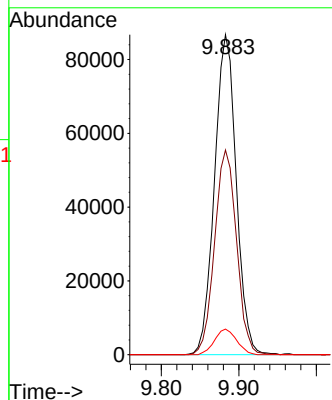
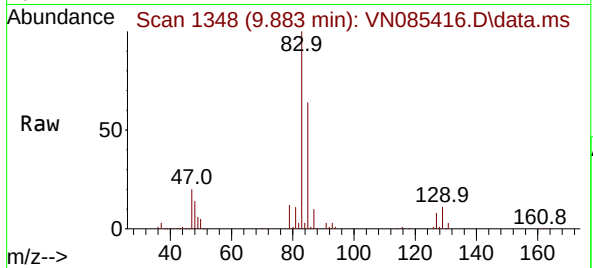




#47
Bromodichloromethane
Concen: 51.097 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

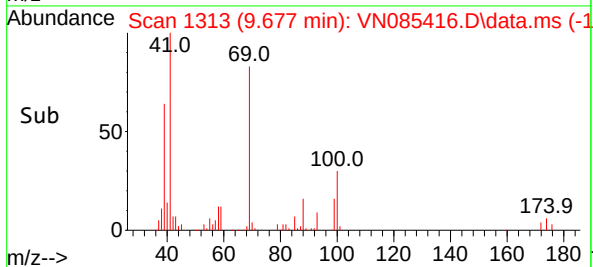
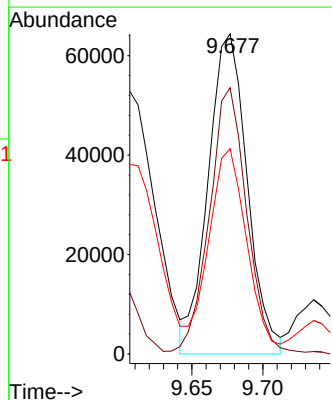
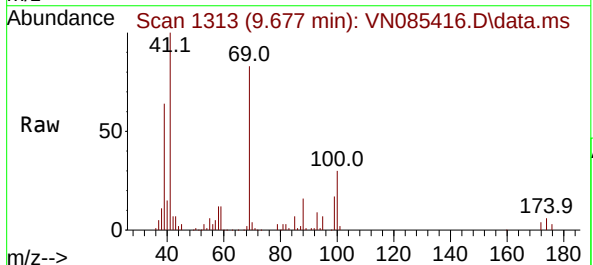
Instrument :
MSVOA_N
ClientSampleId :

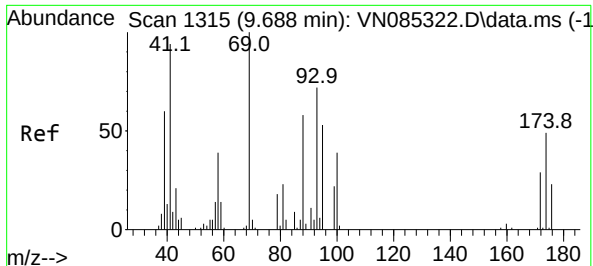
Tgt Ion: 83 Resp: 169185
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.4
127 8.0 5.8 8.6



#48
Methyl methacrylate
Concen: 58.191 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 41 Resp: 123332
Ion Ratio Lower Upper
41 100
69 80.1 67.7 101.5
39 63.5 51.2 76.8





#49

1,4-Dioxane

Concen: 1024.059 ug/l

RT: 9.689 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

ClientSampleId :

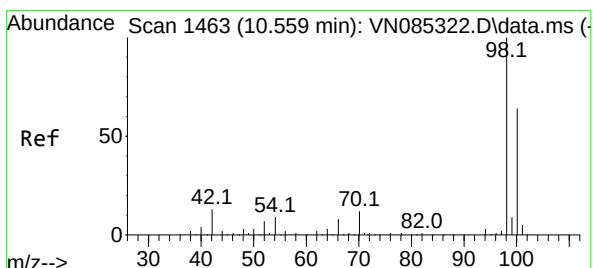
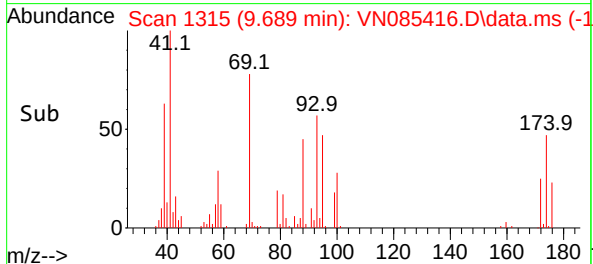
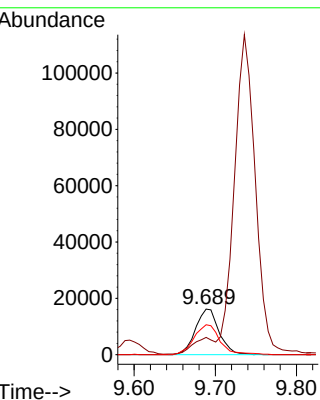
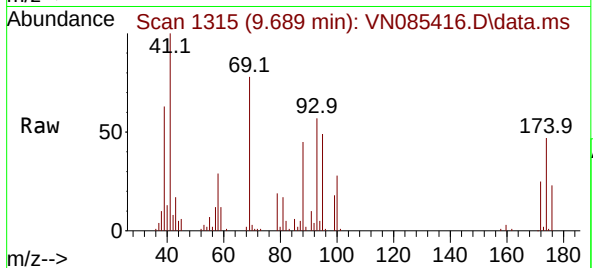
Tgt Ion: 88 Resp: 32747

Ion Ratio Lower Upper

88 100

43 32.7 22.1 33.1

58 71.9 56.7 85.1



#50

Toluene-d8

Concen: 46.417 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VN085416.D

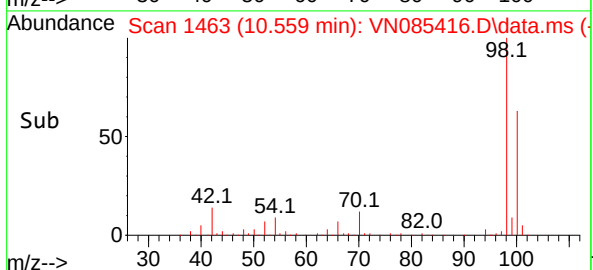
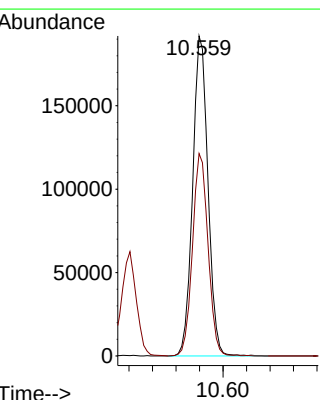
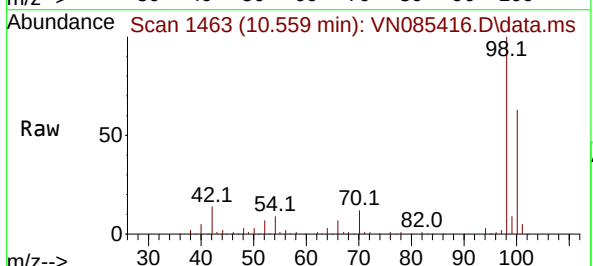
Acq: 09 Jan 2025 18:23

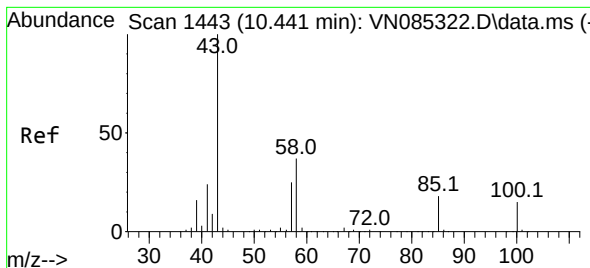
Tgt Ion: 98 Resp: 347193

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3

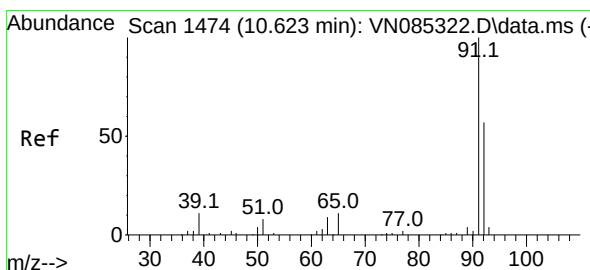
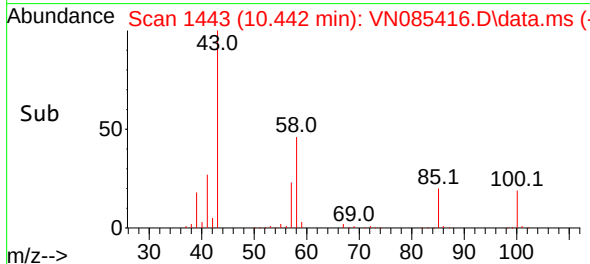
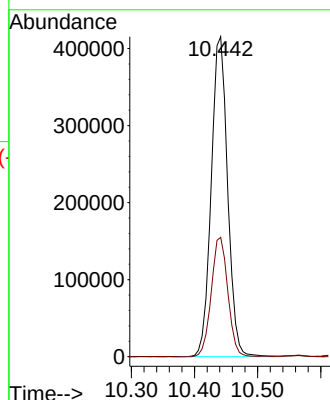
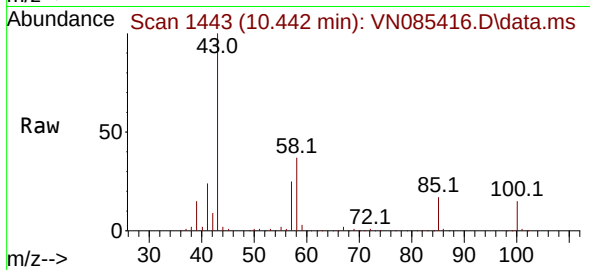




#51
4-Methyl-2-Pentanone
Concen: 272.919 ug/l
RT: 10.442 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

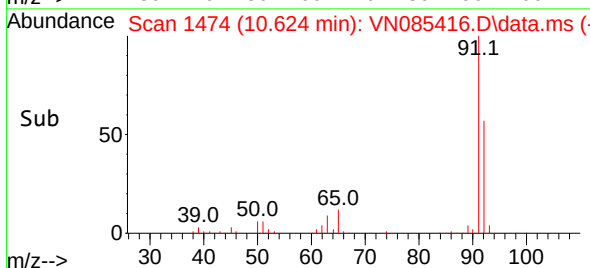
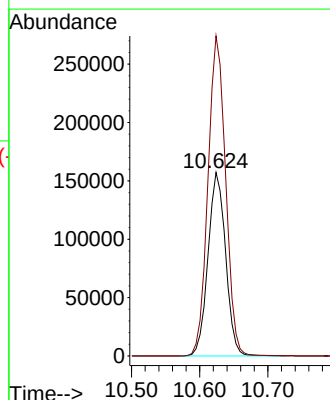
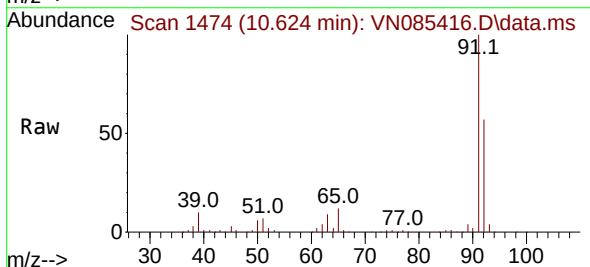
Instrument :
MSVOA_N
ClientSampleId :

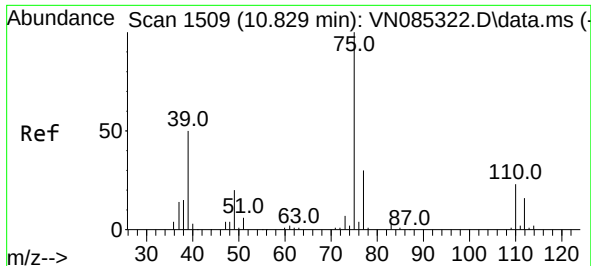
Tgt Ion: 43 Resp: 749134
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5



#52
Toluene
Concen: 52.457 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 92 Resp: 281837
Ion Ratio Lower Upper
92 100
91 175.8 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 52.710 ug/l

RT: 10.830 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

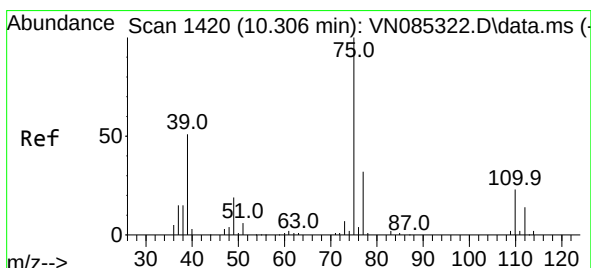
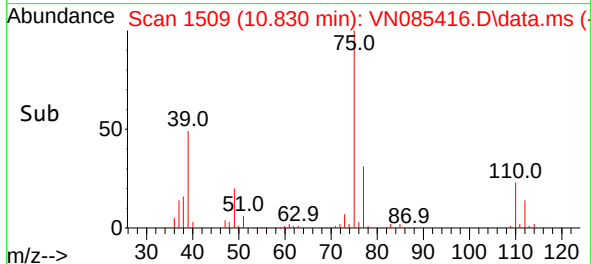
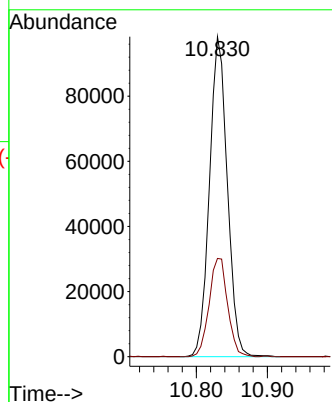
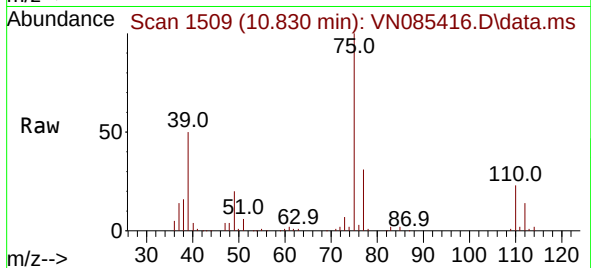
ClientSampleId :

Tgt Ion: 75 Resp: 171631

Ion Ratio Lower Upper

75 100

77 30.7 23.8 35.6



#54

cis-1,3-Dichloropropene

Concen: 52.304 ug/l

RT: 10.306 min Scan# 1420

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

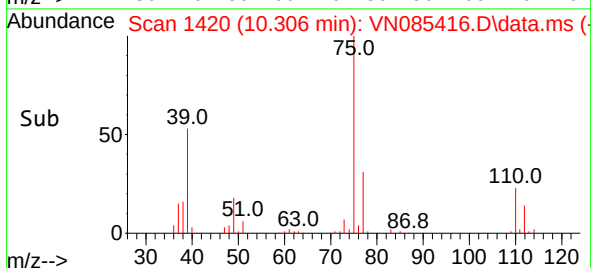
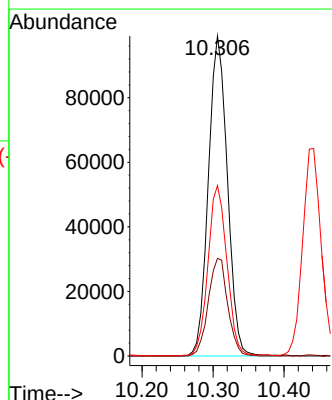
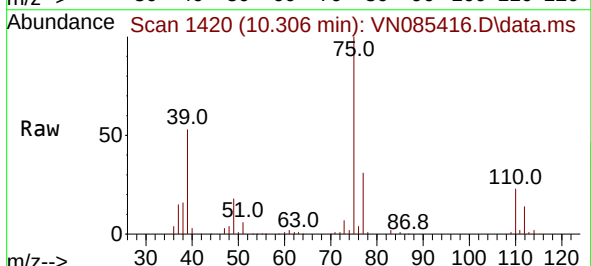
Tgt Ion: 75 Resp: 184164

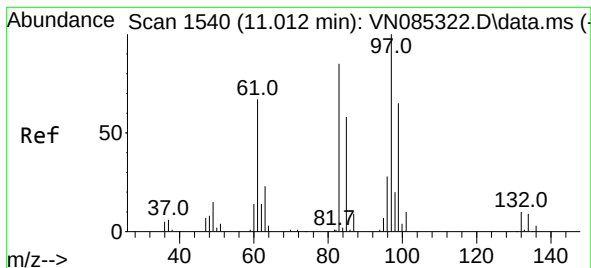
Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

39 53.3 40.5 60.7





#55

1,1,2-Trichloroethane

Concen: 50.760 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 102966

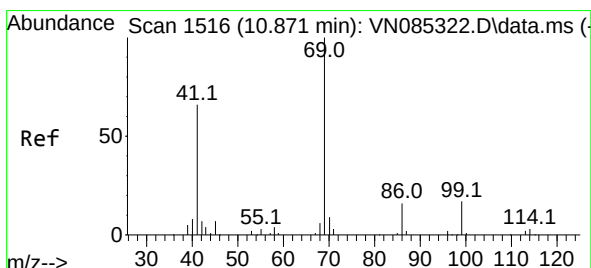
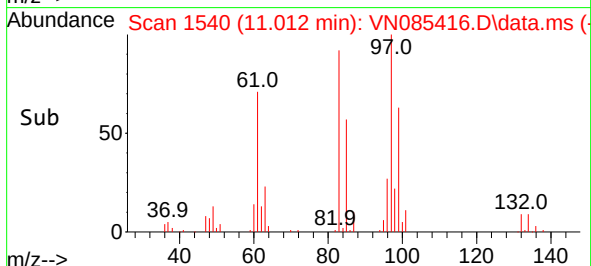
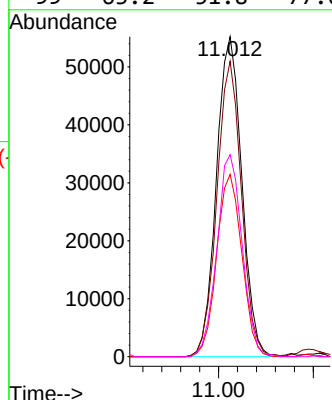
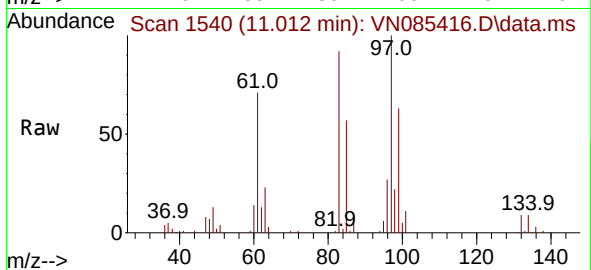
Ion Ratio Lower Upper

97 100

83 92.3 67.7 101.5

85 57.0 46.2 69.4

99 63.2 51.8 77.6



#56

Ethyl methacrylate

Concen: 57.308 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

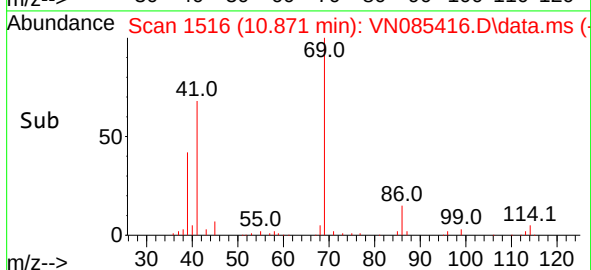
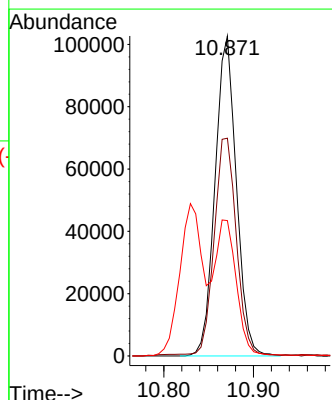
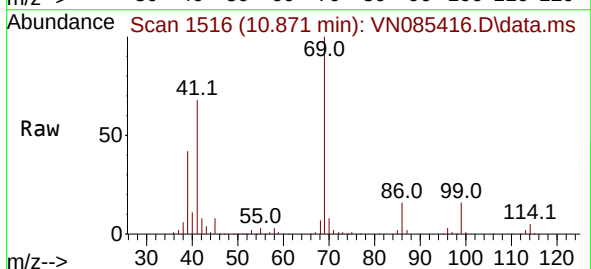
Tgt Ion: 69 Resp: 169305

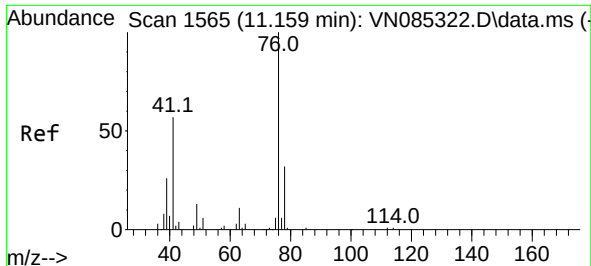
Ion Ratio Lower Upper

69 100

41 72.0 54.3 81.5

39 44.3 32.0 48.0

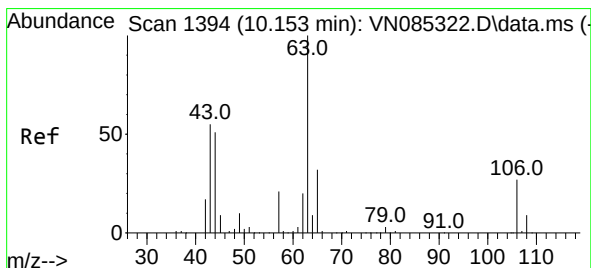
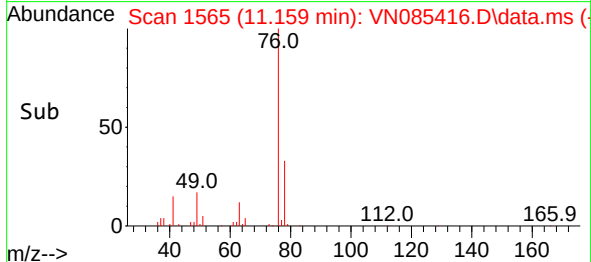
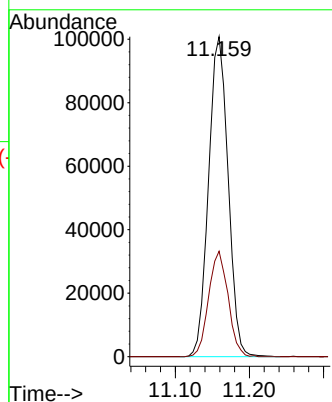
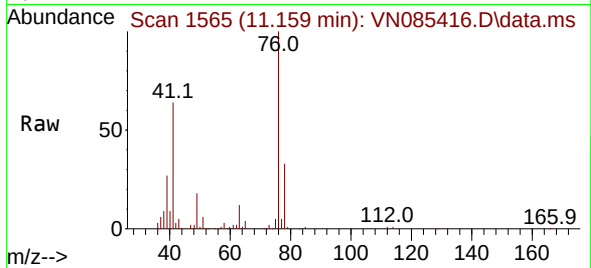




#57
1,3-Dichloropropane
Concen: 51.837 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

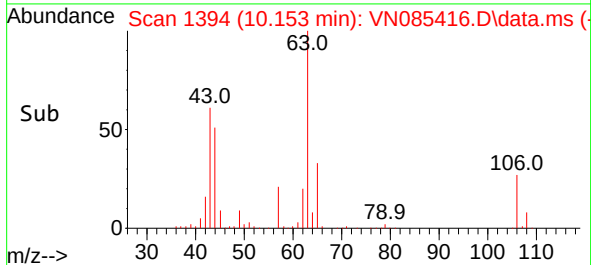
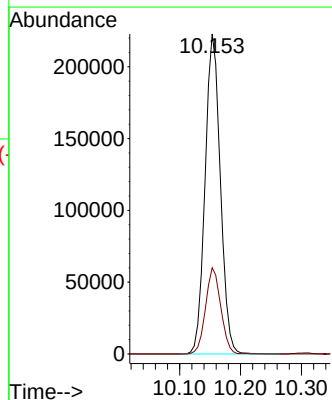
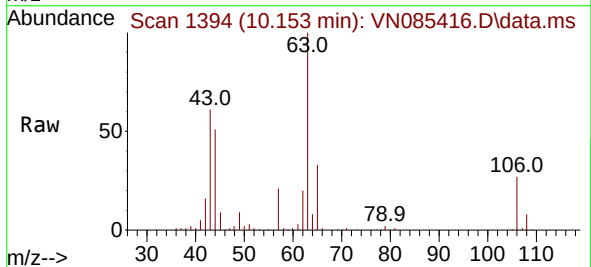
Instrument :
MSVOA_N
ClientSampleId :

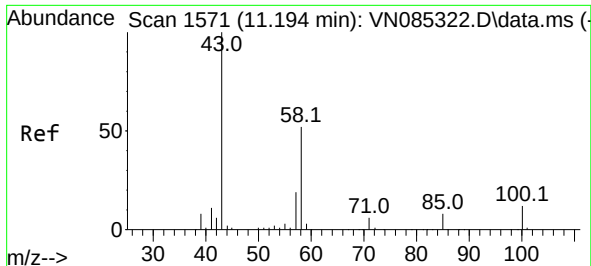
Tgt Ion: 76 Resp: 184552
Ion Ratio Lower Upper
76 100
78 32.9 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 270.981 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 63 Resp: 387325
Ion Ratio Lower Upper
63 100
106 26.8 22.1 33.1

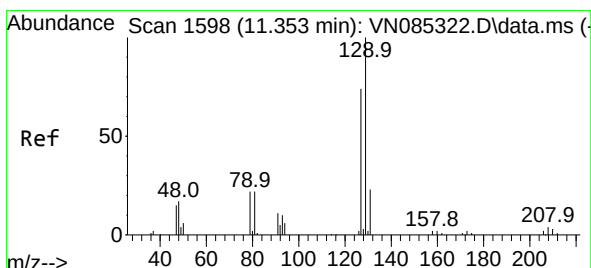
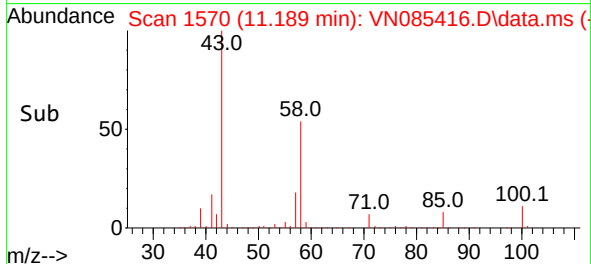
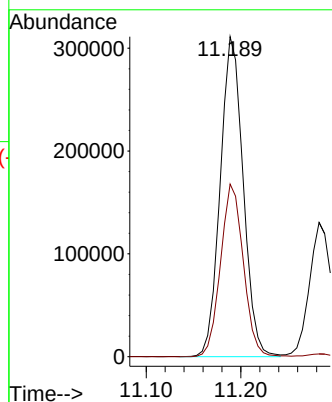
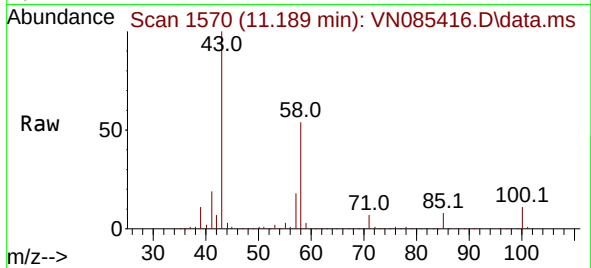




#59
2-Hexanone
Concen: 275.265 ug/l
RT: 11.189 min Scan# 1570
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

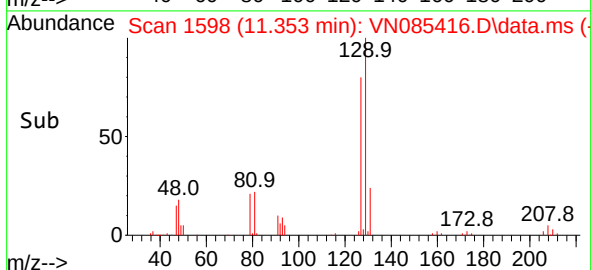
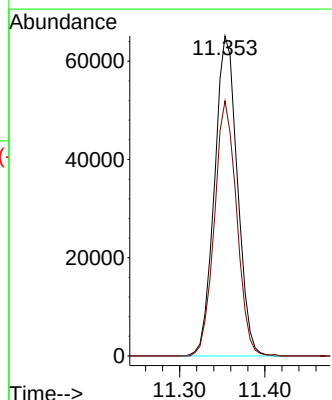
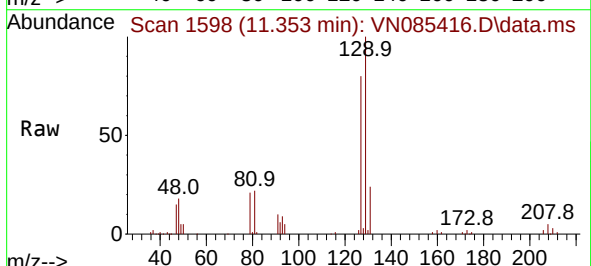
Instrument :
MSVOA_N
ClientSampleId :

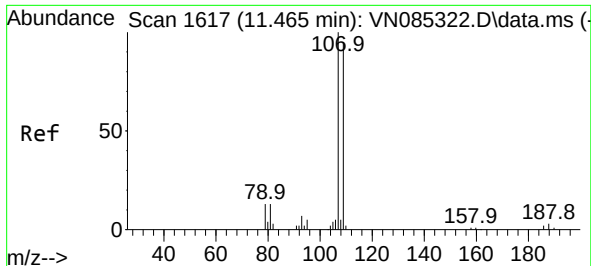
Tgt Ion: 43 Resp: 524219
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.5



#60
Dibromochloromethane
Concen: 53.090 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion:129 Resp: 121298
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9

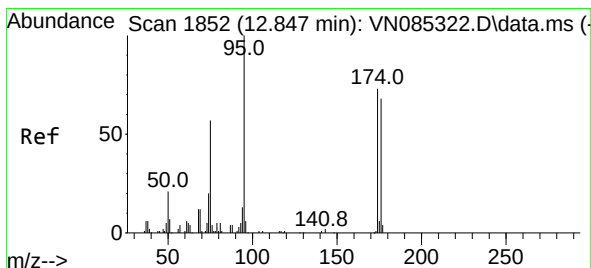
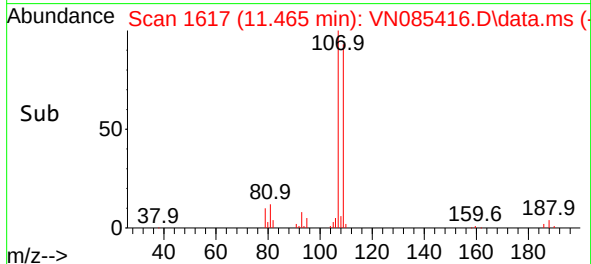
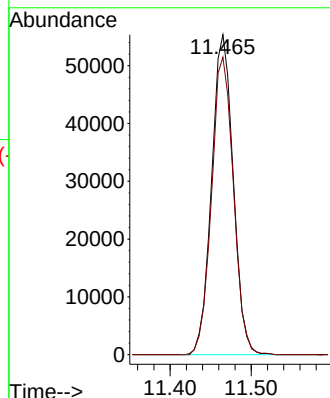
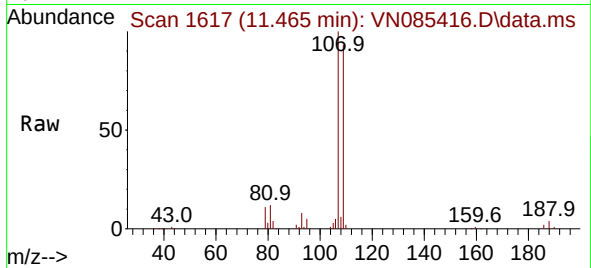




#61
1,2-Dibromoethane
Concen: 50.929 ug/l
RT: 11.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

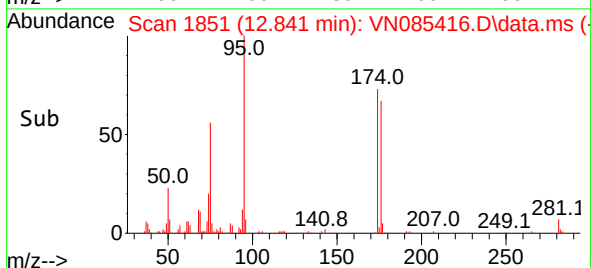
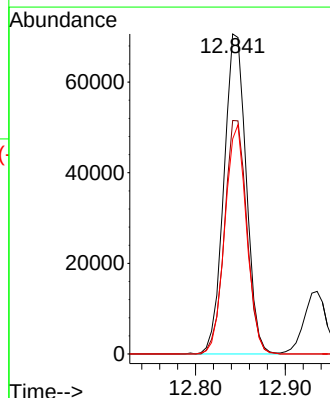
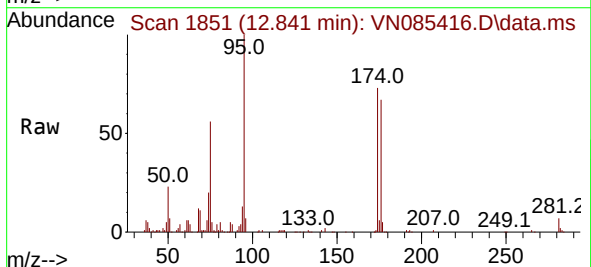
Instrument :
MSVOA_N
ClientSampleId :

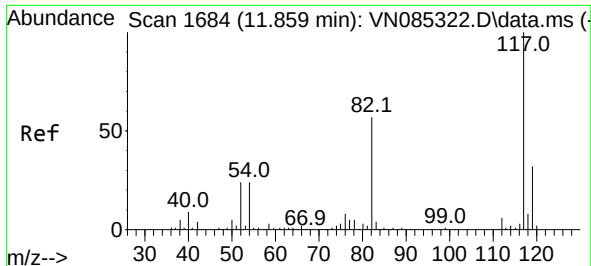
Tgt Ion:107 Resp: 102207
Ion Ratio Lower Upper
107 100
109 94.3 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 48.988 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

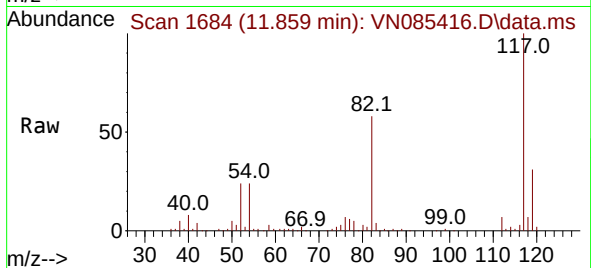
Tgt Ion: 95 Resp: 121691
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.2
176 70.2 0.0 135.8



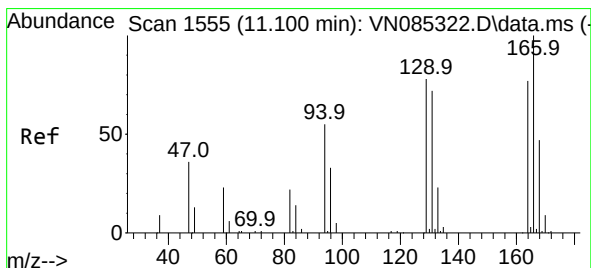
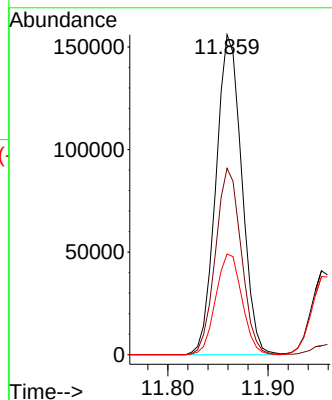
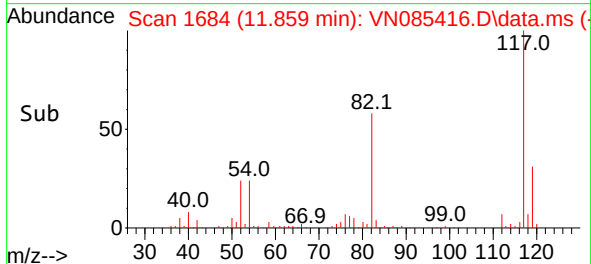


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

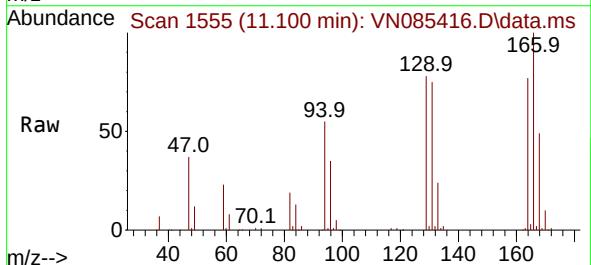
Instrument :
MSVOA_N
ClientSampleId :



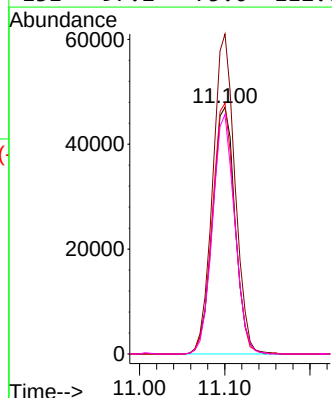
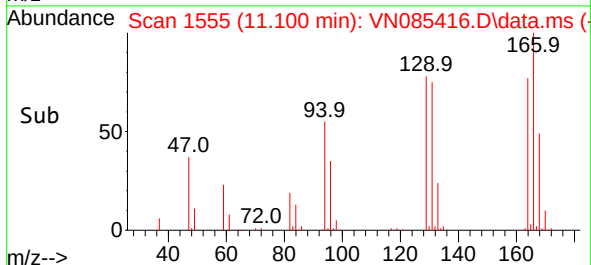
Tgt Ion:117 Resp: 279220
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 31.4 25.8 38.8

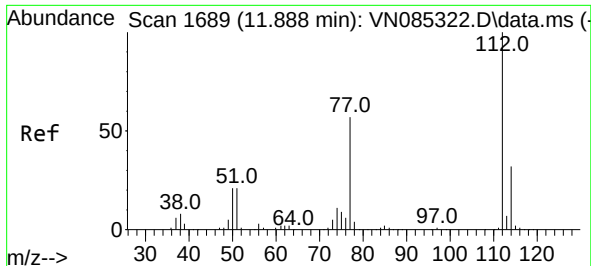


#64
Tetrachloroethene
Concen: 48.833 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23



Tgt Ion:164 Resp: 86398
Ion Ratio Lower Upper
164 100
166 129.8 104.0 156.0
129 101.7 81.3 121.9
131 97.2 75.0 112.6

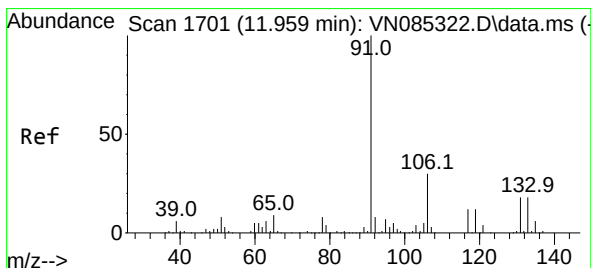
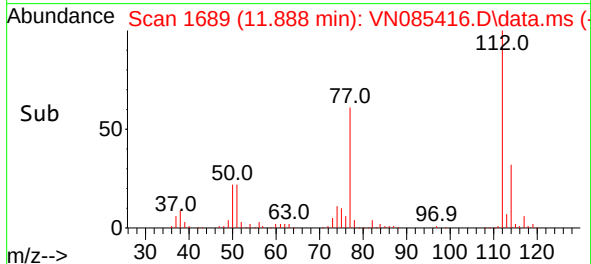
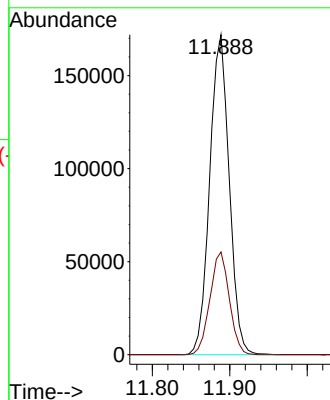
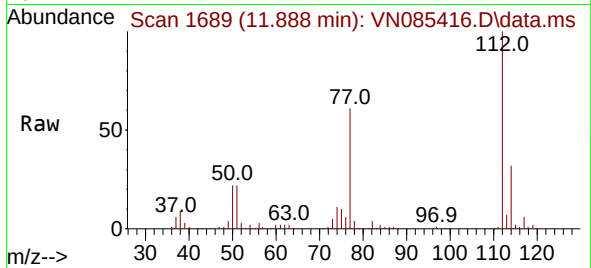




#65
Chlorobenzene
Concen: 49.761 ug/l
RT: 11.888 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

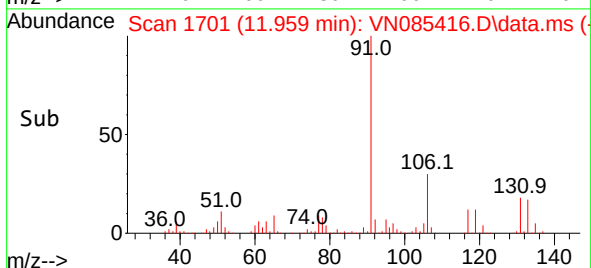
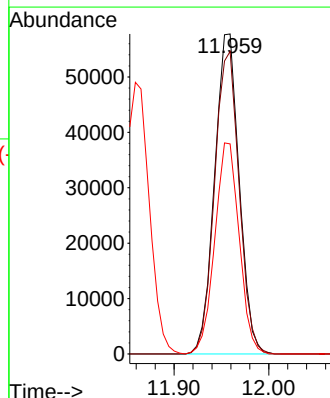
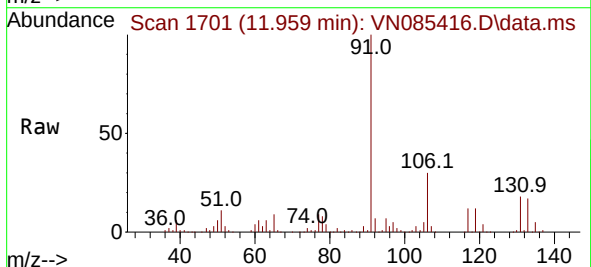
Instrument :
MSVOA_N
ClientSampleId :

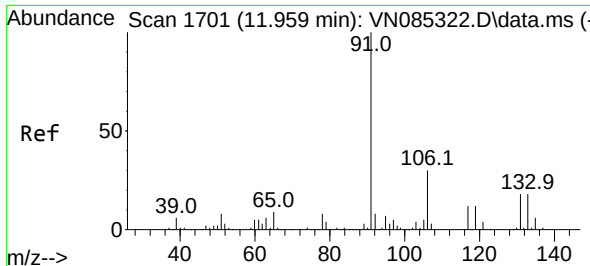
Tgt Ion:112 Resp: 300252
Ion Ratio Lower Upper
112 100
114 32.1 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.444 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion:131 Resp: 104180
Ion Ratio Lower Upper
131 100
133 94.7 48.3 144.9
119 65.5 33.4 100.1

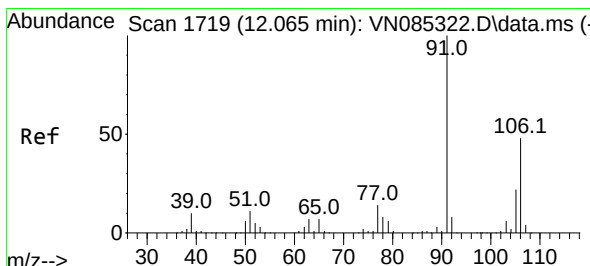
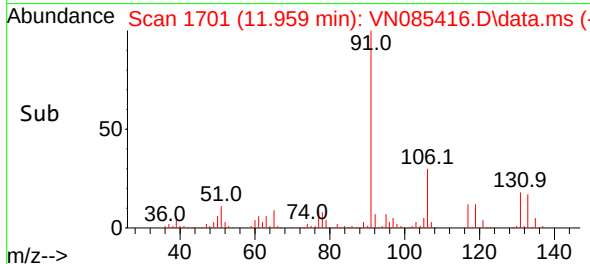
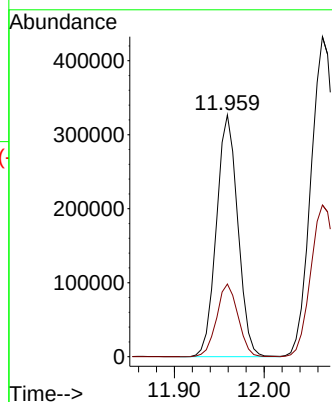
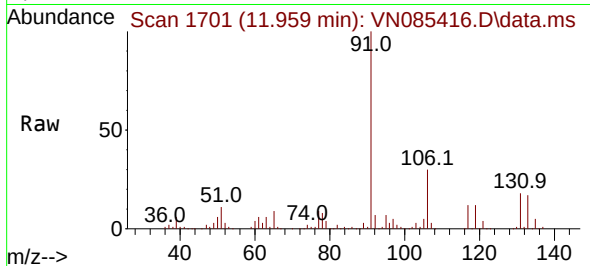




#67
Ethyl Benzene
Concen: 53.842 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

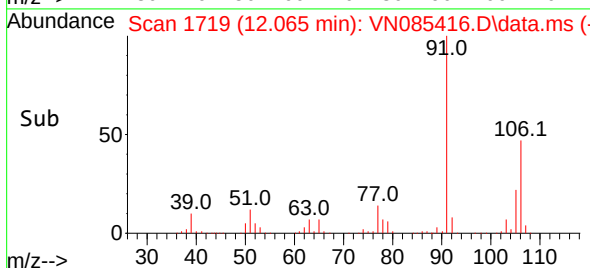
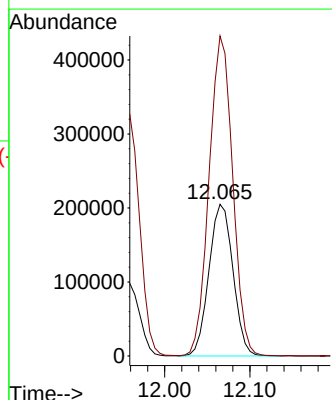
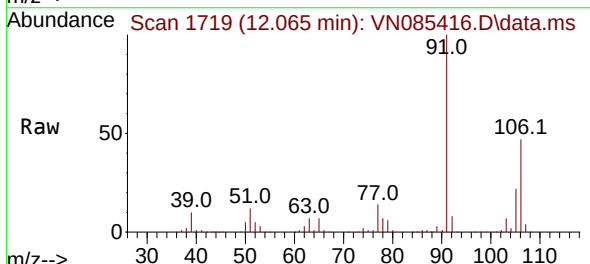
Instrument :
MSVOA_N
ClientSampleId :

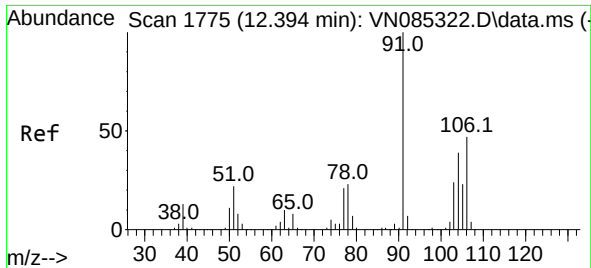
Tgt Ion: 91 Resp: 540289
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#68
m/p-Xylenes
Concen: 109.468 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion:106 Resp: 401995
Ion Ratio Lower Upper
106 100
91 206.8 165.2 247.8

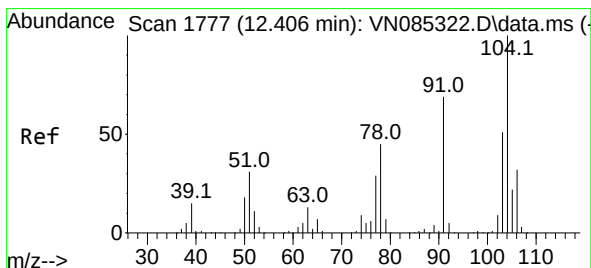
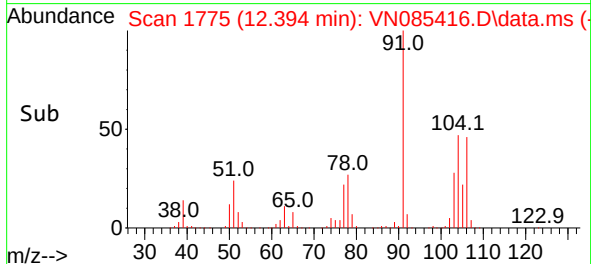
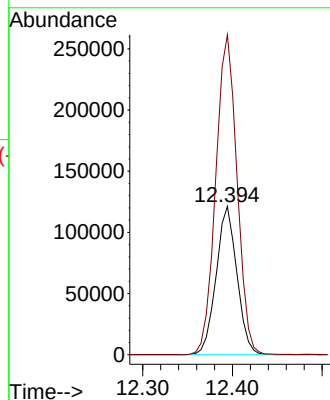
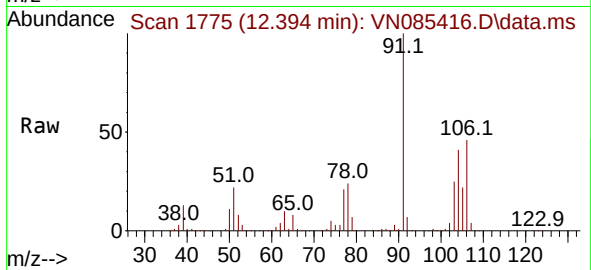




#69
o-Xylene
Concen: 54.840 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

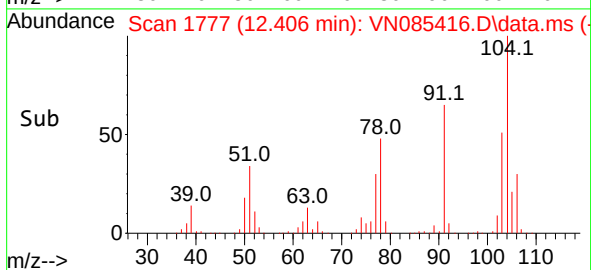
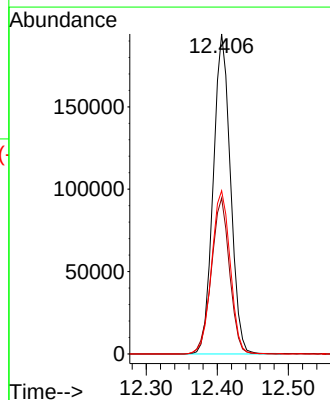
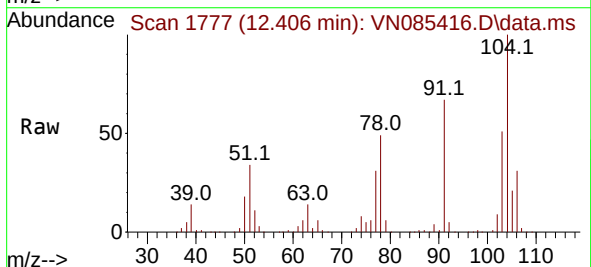
Instrument :
MSVOA_N
ClientSampleId :

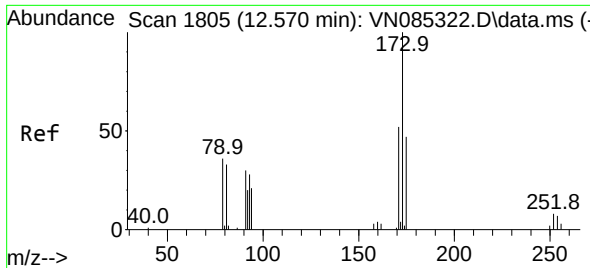
Tgt Ion:106 Resp: 194817
Ion Ratio Lower Upper
106 100
91 221.2 107.3 321.8



#70
Styrene
Concen: 56.813 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion:104 Resp: 327101
Ion Ratio Lower Upper
104 100
78 51.3 40.7 61.1
103 55.0 44.1 66.1

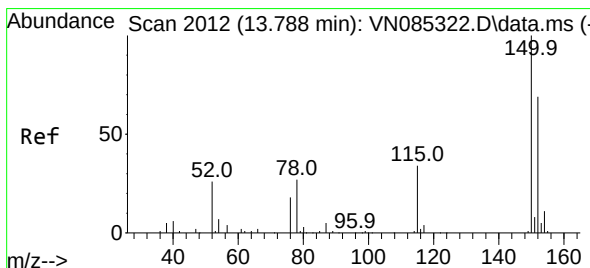
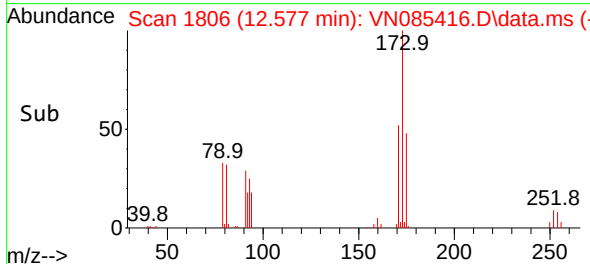
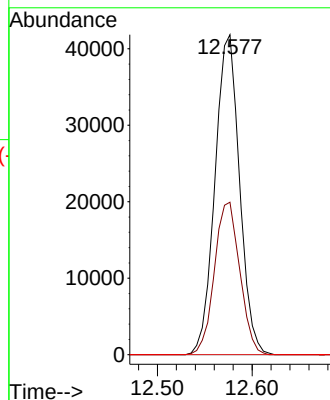
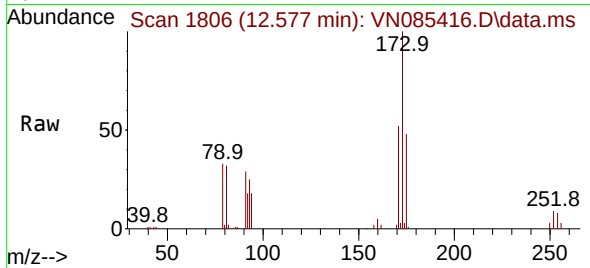




#71
Bromoform
Concen: 53.851 ug/l
RT: 12.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

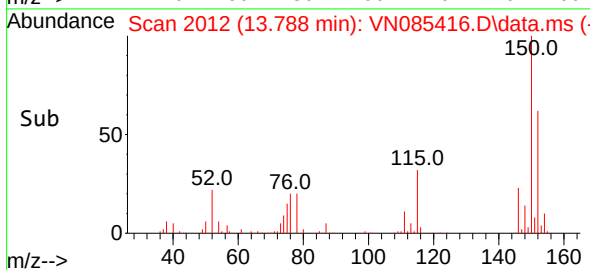
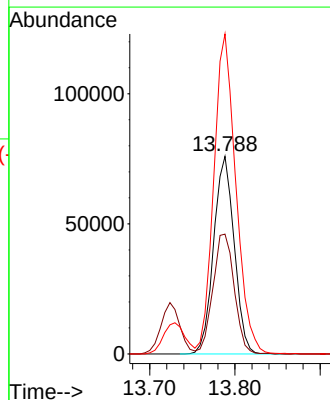
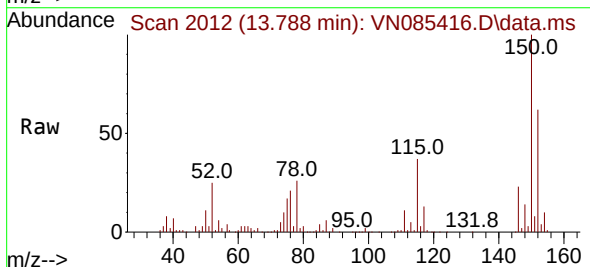
Instrument :
MSVOA_N
ClientSampleId :

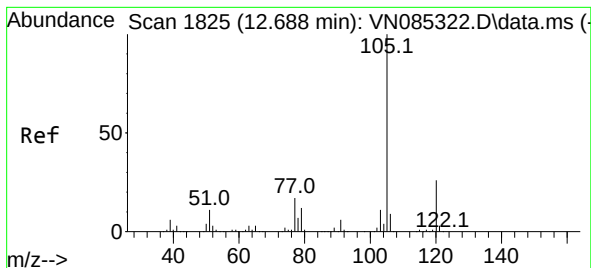
Tgt Ion:173 Resp: 75533
Ion Ratio Lower Upper
173 100
175 49.1 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion:152 Resp: 127645
Ion Ratio Lower Upper
152 100
115 62.9 30.4 91.3
150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 54.110 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

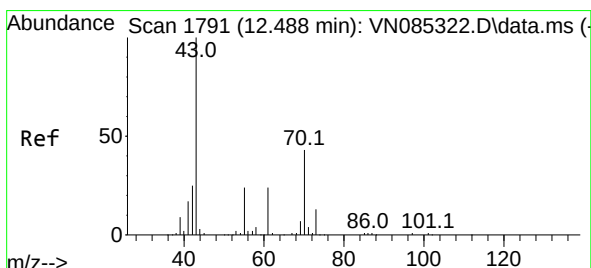
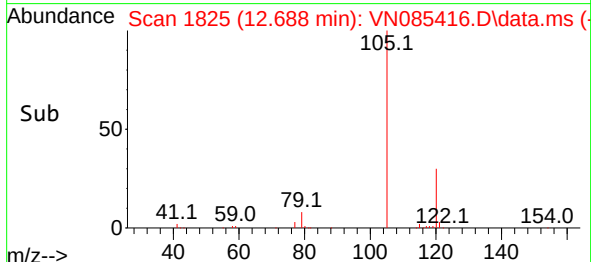
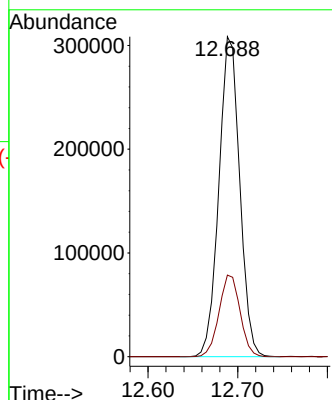
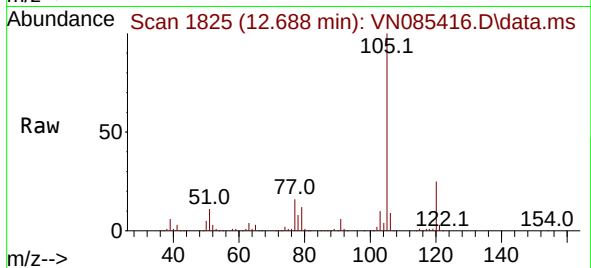
ClientSampleId :

Tgt Ion:105 Resp: 496677

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 56.493 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Tgt Ion: 43 Resp: 221963

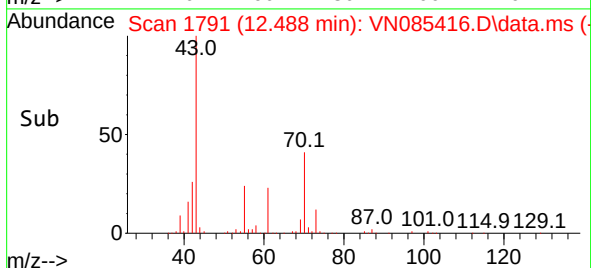
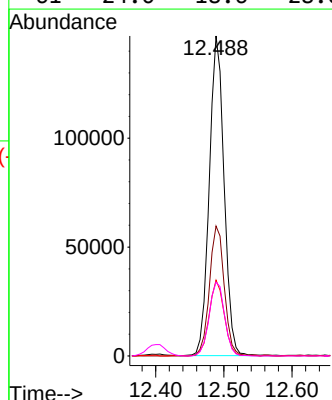
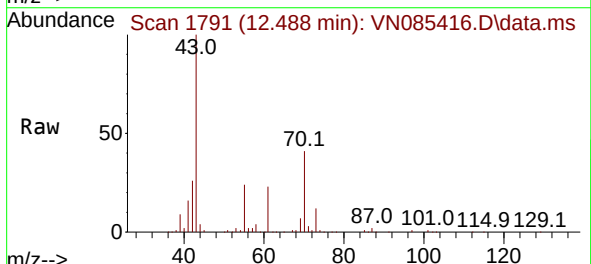
Ion Ratio Lower Upper

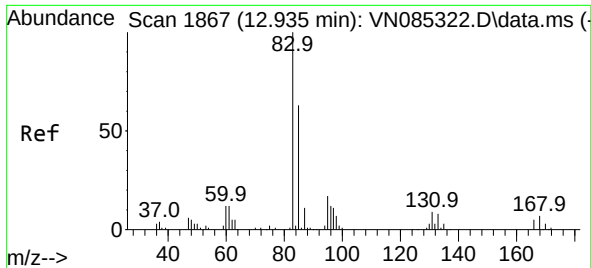
43 100

70 40.8 33.4 50.0

55 24.3 19.2 28.8

61 24.0 18.6 28.0

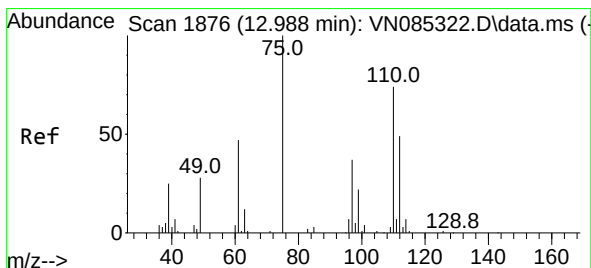
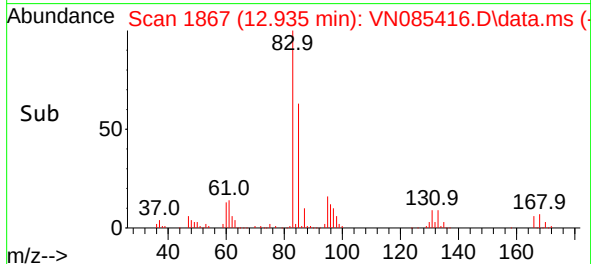
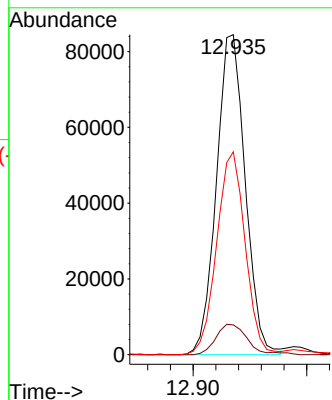
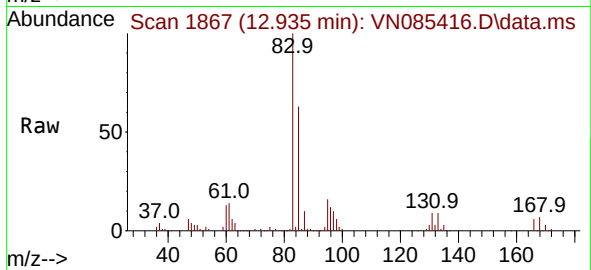




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.944 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

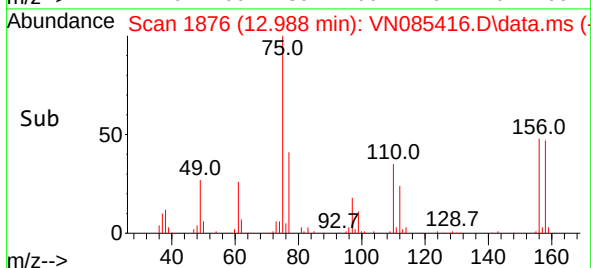
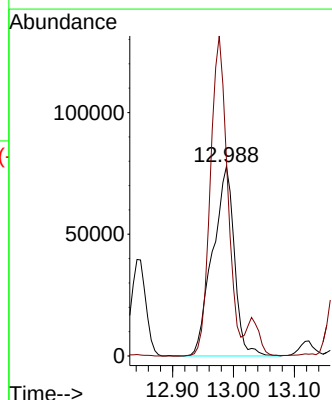
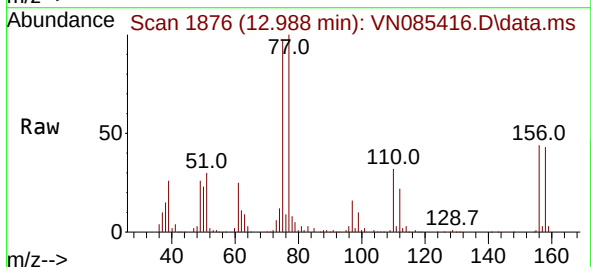
Instrument :
 MSVOA_N
 ClientSampleId :

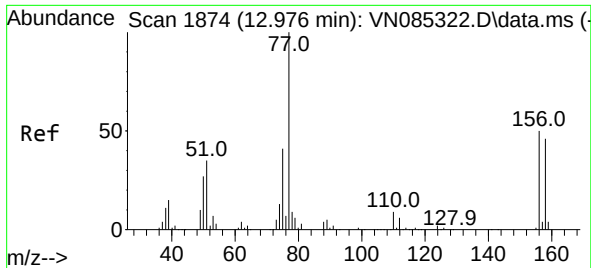
Tgt Ion: 83 Resp: 148930
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.8 14.4
 85 62.6 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 81.160 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

Tgt Ion: 75 Resp: 193456
 Ion Ratio Lower Upper
 75 100
 77 132.5 98.1 294.3

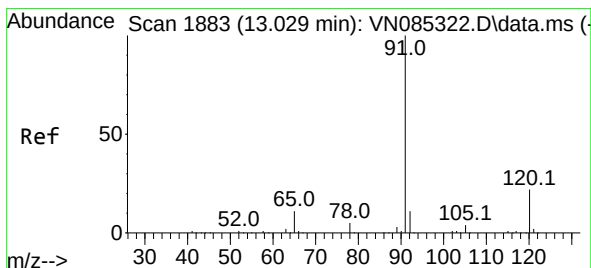
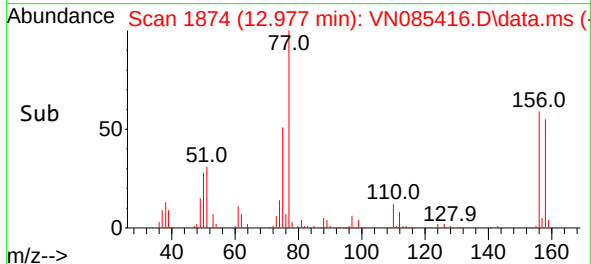
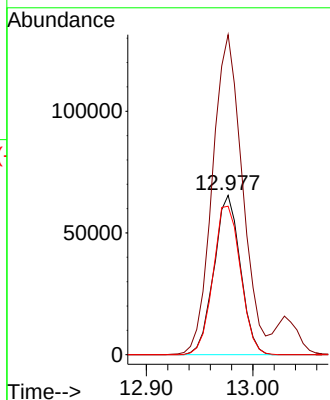
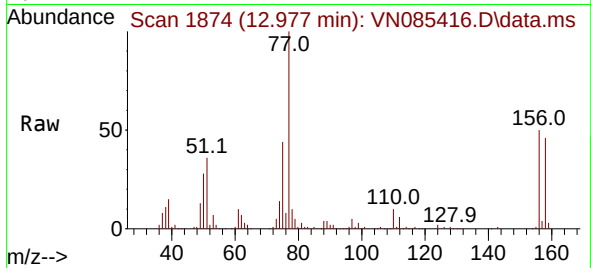




#77
Bromobenzene
Concen: 49.458 ug/l
RT: 12.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

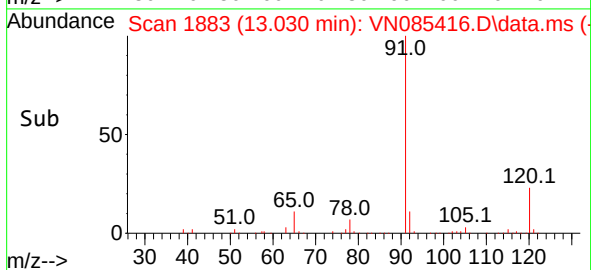
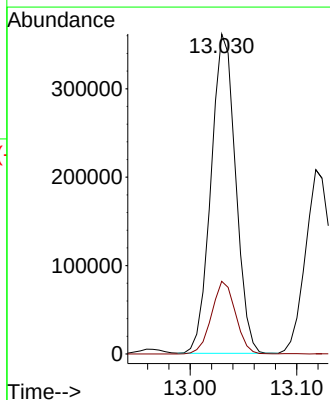
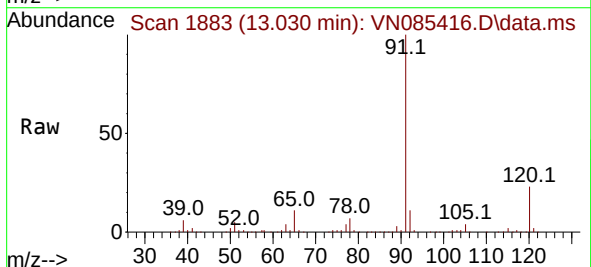
Instrument :
MSVOA_N
ClientSampleId :

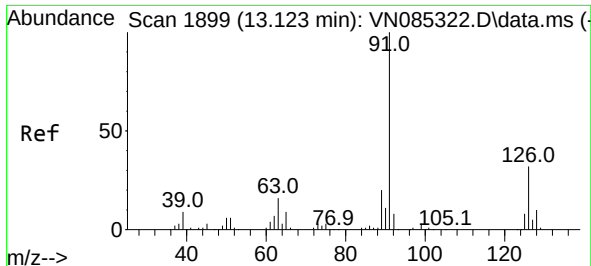
Tgt Ion:156 Resp: 112475
Ion Ratio Lower Upper
156 100
77 228.0 114.0 342.0
158 97.3 47.6 142.8



#78
n-propylbenzene
Concen: 54.056 ug/l
RT: 13.030 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 91 Resp: 578381
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9

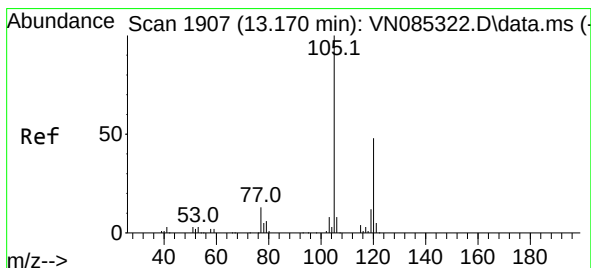
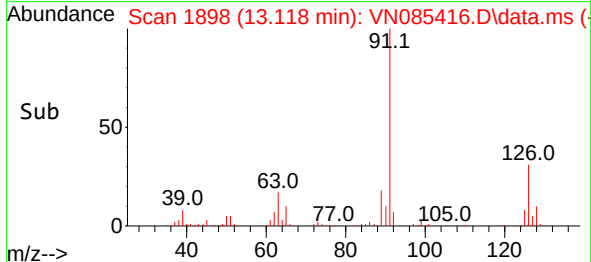
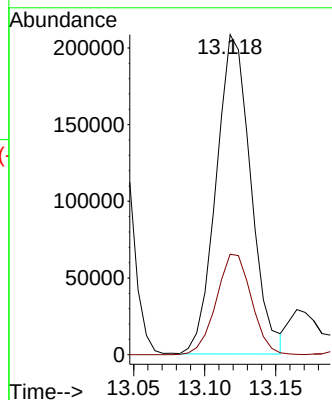
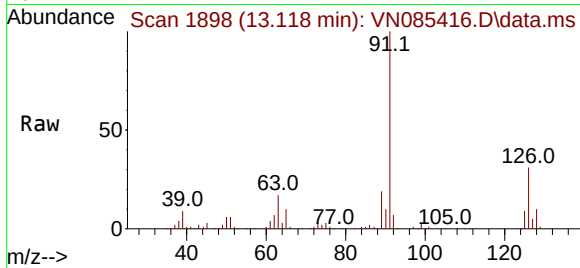




#79
2-Chlorotoluene
Concen: 52.446 ug/l
RT: 13.118 min Scan# 1899
Delta R.T. -0.005 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

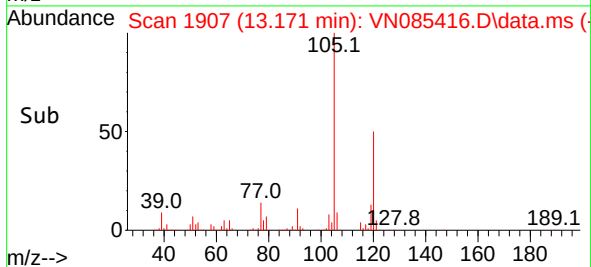
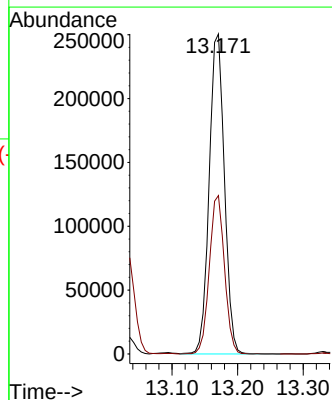
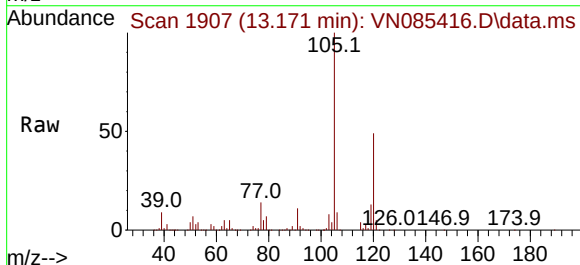
Instrument :
MSVOA_N
ClientSampleId :

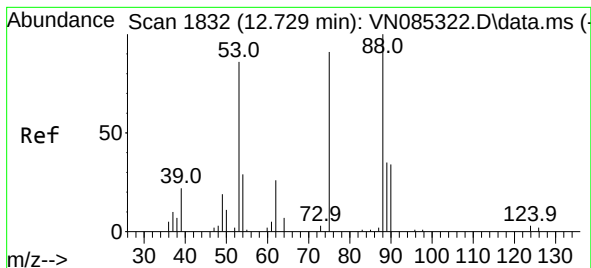
Tgt Ion: 91 Resp: 353168
Ion Ratio Lower Upper
91 100
126 32.0 16.0 48.0



#80
1,3,5-Trimethylbenzene
Concen: 54.510 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion:105 Resp: 404714
Ion Ratio Lower Upper
105 100
120 49.2 24.0 72.0

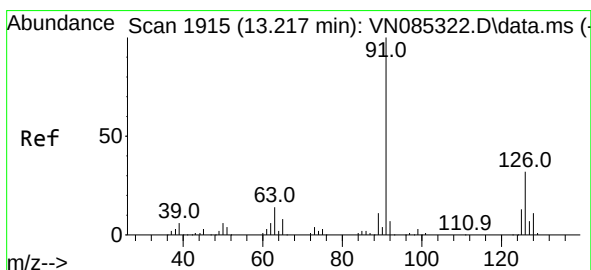
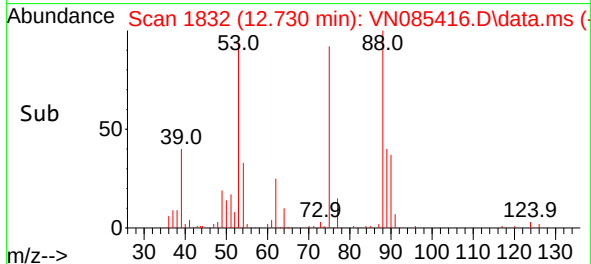
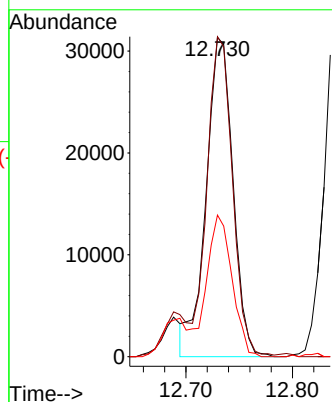
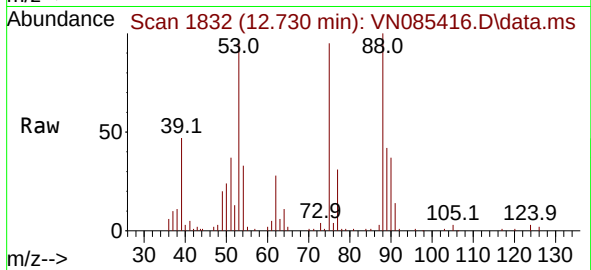




#81
trans-1,4-Dichloro-2-butene
Concen: 55.187 ug/l
RT: 12.730 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

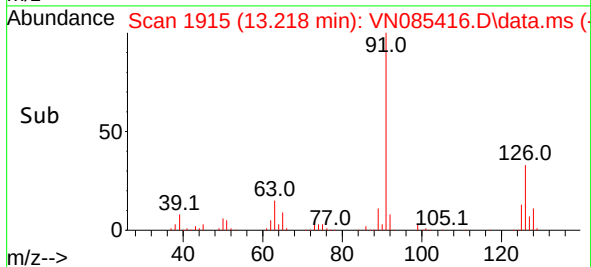
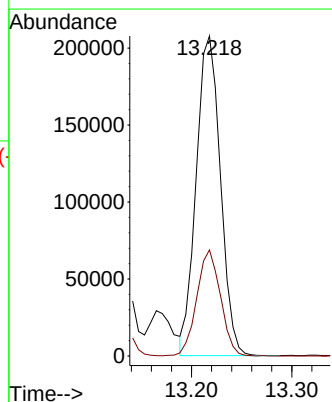
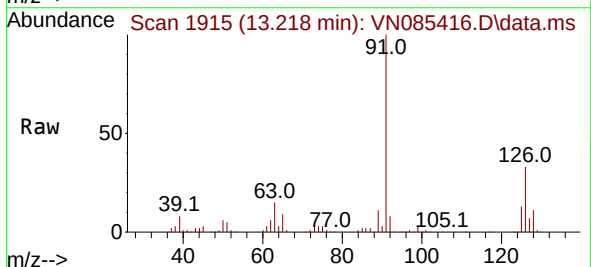
Instrument :
MSVOA_N
ClientSampleId :

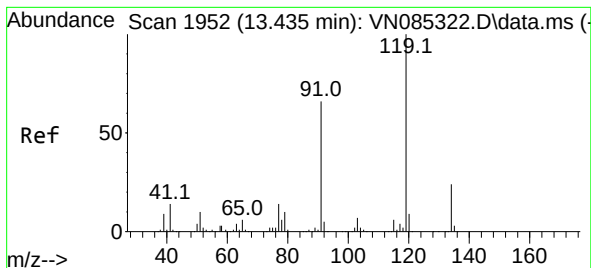
Tgt Ion: 75 Resp: 54929
Ion Ratio Lower Upper
75 100
53 93.0 80.0 120.0
89 43.0 35.8 53.8



#82
4-Chlorotoluene
Concen: 51.442 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 91 Resp: 348880
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4





#83

tert-Butylbenzene

Concen: 54.163 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

ClientSampleId :

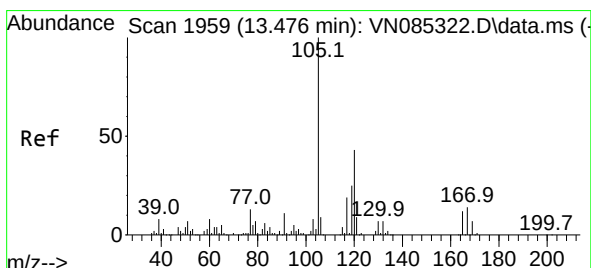
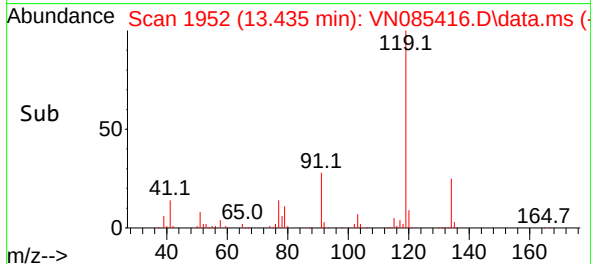
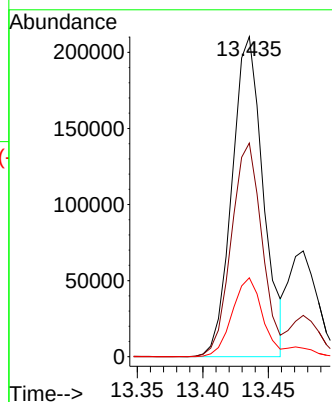
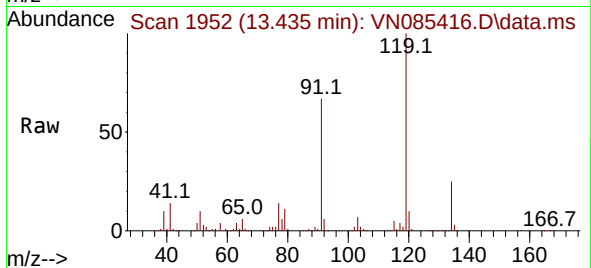
Tgt Ion:119 Resp: 348345

Ion Ratio Lower Upper

119 100

91 65.8 33.6 100.8

134 24.3 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 55.390 ug/l

RT: 13.477 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085416.D

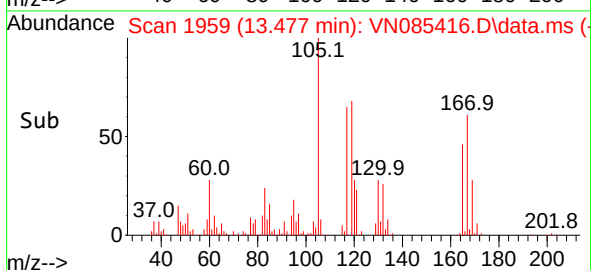
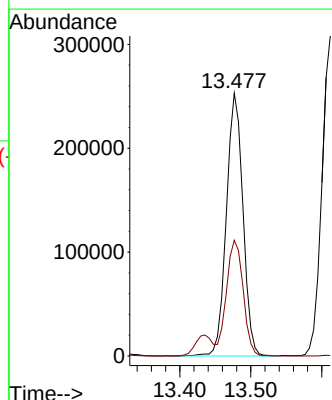
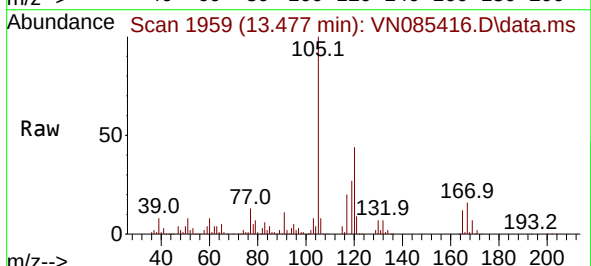
Acq: 09 Jan 2025 18:23

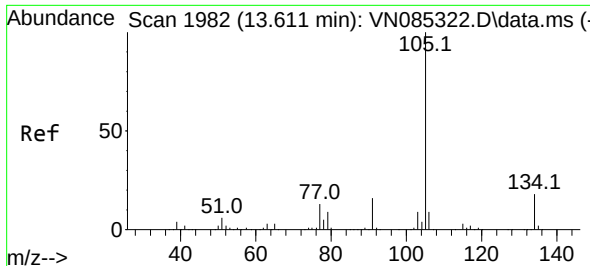
Tgt Ion:105 Resp: 409492

Ion Ratio Lower Upper

105 100

120 43.9 21.7 65.1

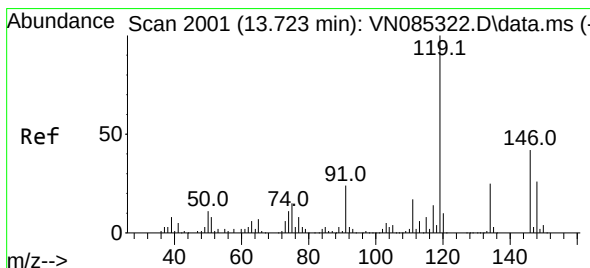
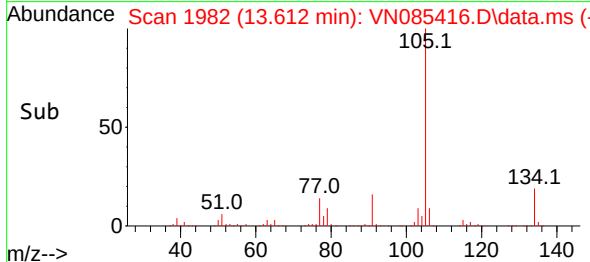
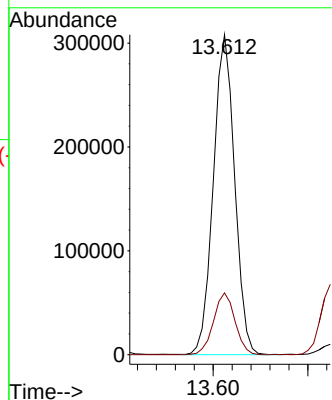
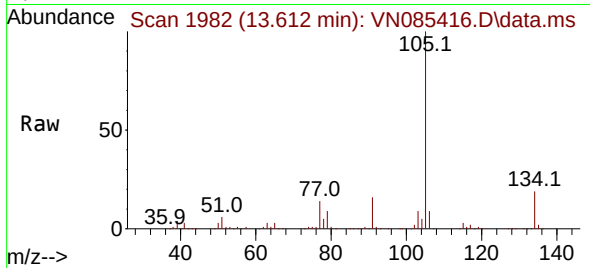




#85
 sec-Butylbenzene
 Concen: 53.853 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

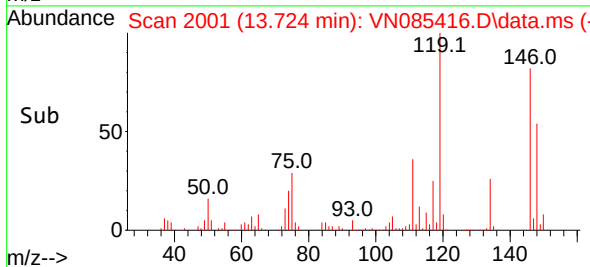
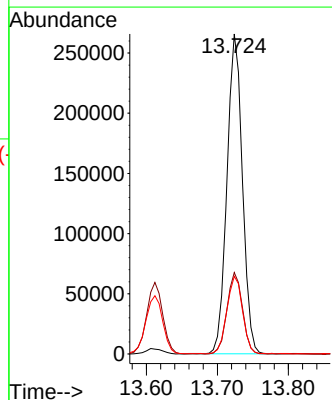
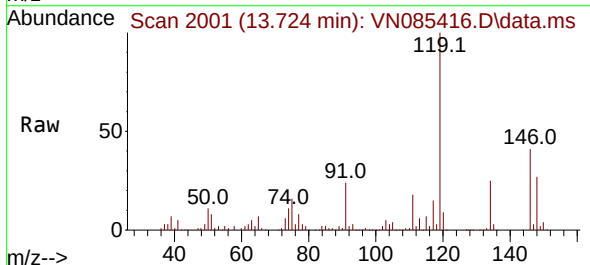
Instrument :
 MSVOA_N
 ClientSampleId :

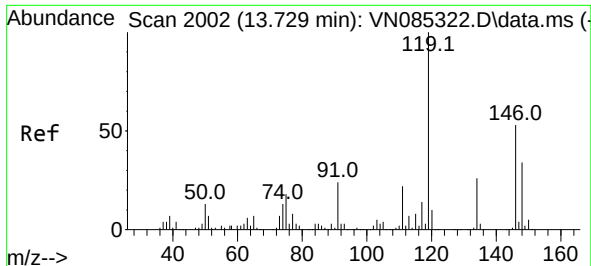
Tgt Ion:105 Resp: 480768
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 50.122 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. 0.001 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

Tgt Ion:119 Resp: 400392
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.5 37.5
 91 24.6 12.2 36.4

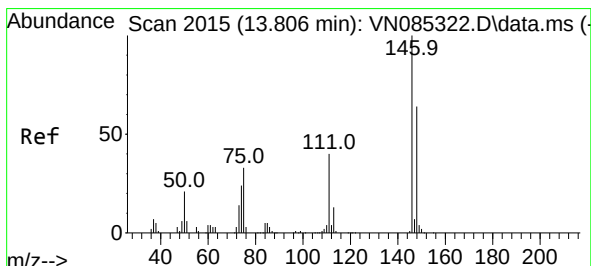
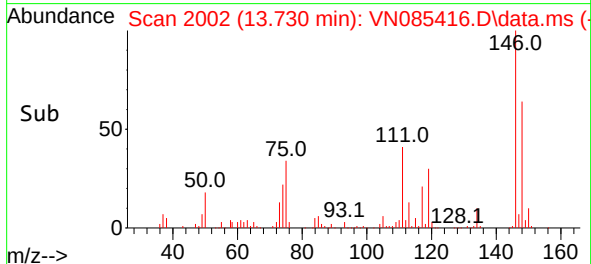
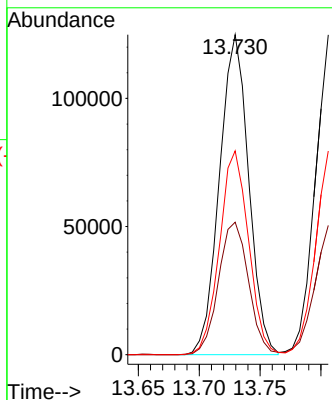
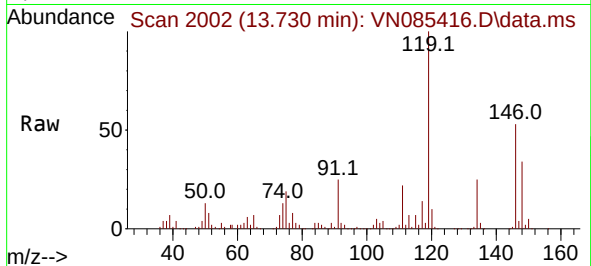




#87
 1,3-Dichlorobenzene
 Concen: 50.574 ug/l
 RT: 13.730 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

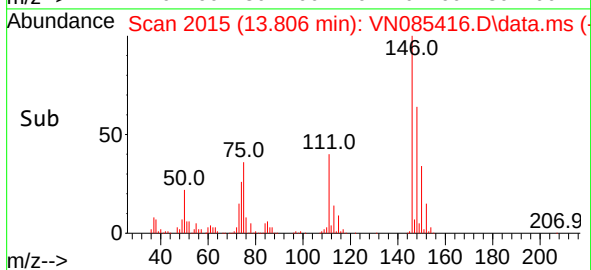
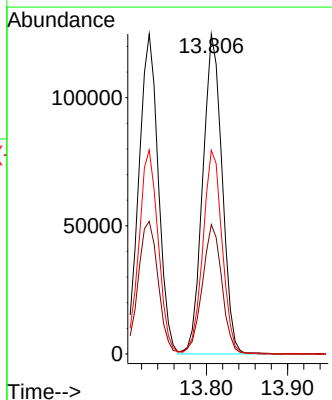
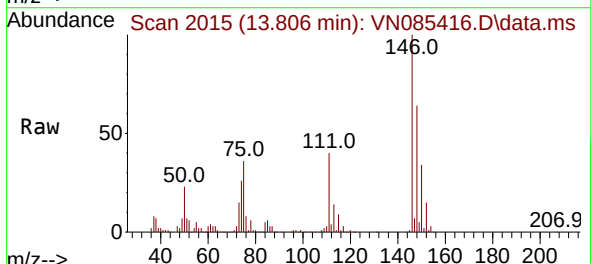
Instrument :
 MSVOA_N
 ClientSampleId :

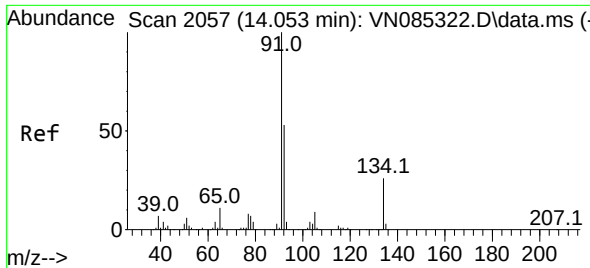
Tgt Ion:146 Resp: 208499
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.9
 148 63.4 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 48.730 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. 0.000 min
 Lab File: VN085416.D
 Acq: 09 Jan 2025 18:23

Tgt Ion:146 Resp: 206360
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.5
 148 63.3 31.7 95.1

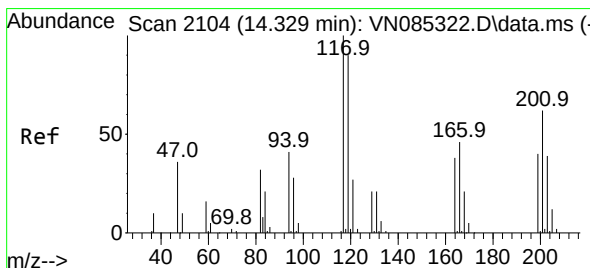
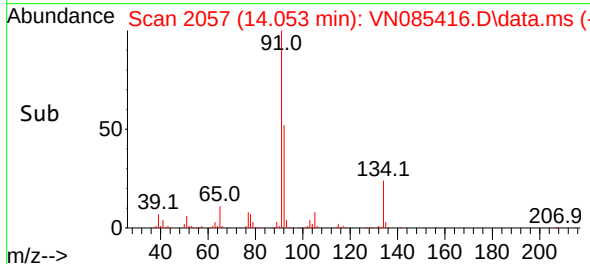
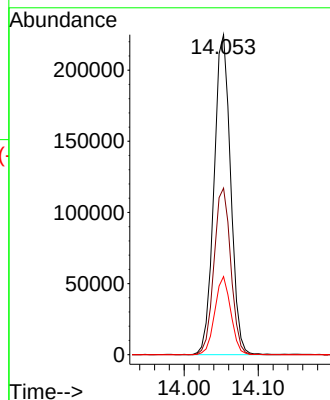
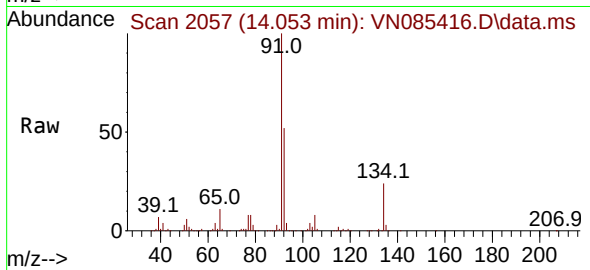




#89
n-Butylbenzene
Concen: 53.457 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

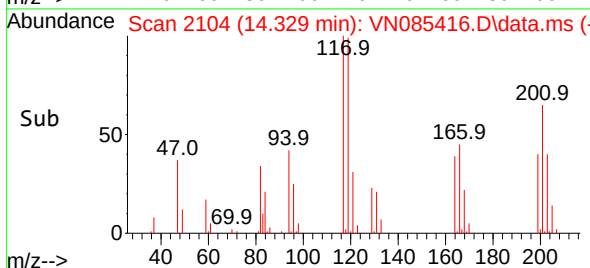
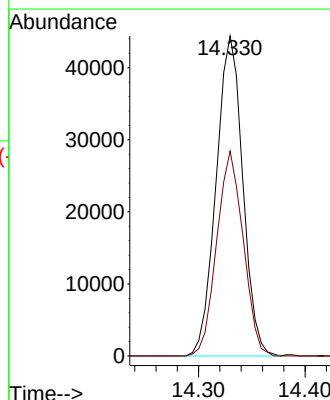
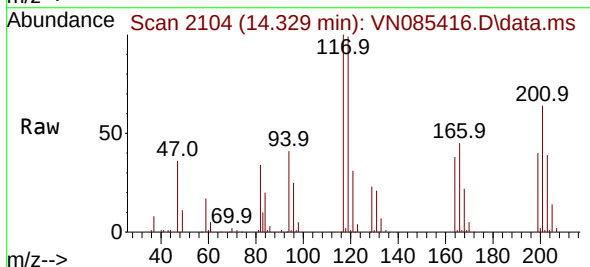
Instrument :
MSVOA_N
ClientSampleId :

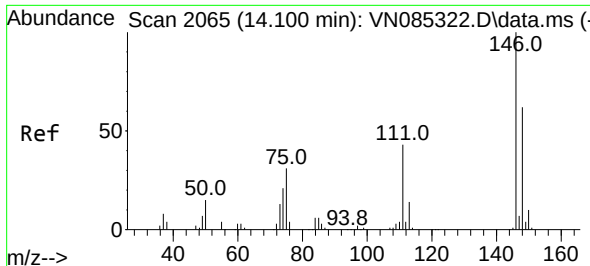
Tgt Ion: 91 Resp: 349464
Ion Ratio Lower Upper
91 100
92 52.7 26.0 78.0
134 23.6 12.1 36.3



#90
Hexachloroethane
Concen: 52.684 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

Tgt Ion: 117 Resp: 77094
Ion Ratio Lower Upper
117 100
201 63.5 30.7 92.1





#91

1,2-Dichlorobenzene

Concen: 51.001 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

ClientSampleId :

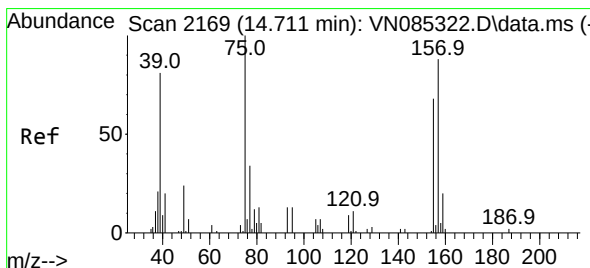
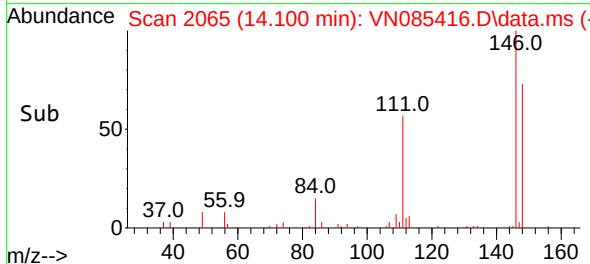
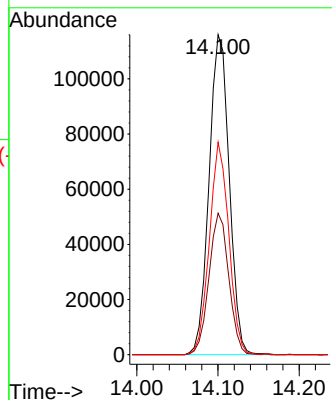
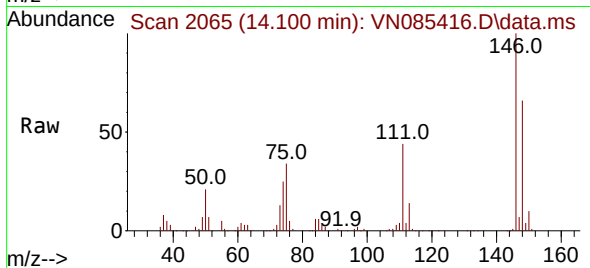
Tgt Ion:146 Resp: 200295

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 63.9 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.138 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

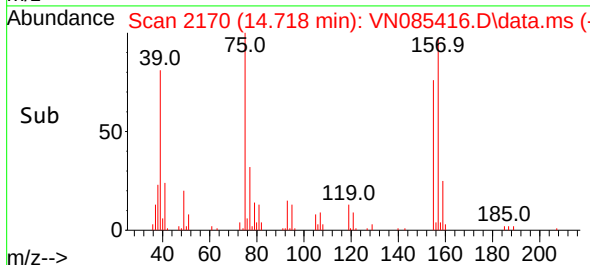
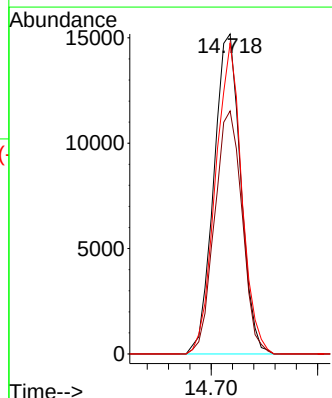
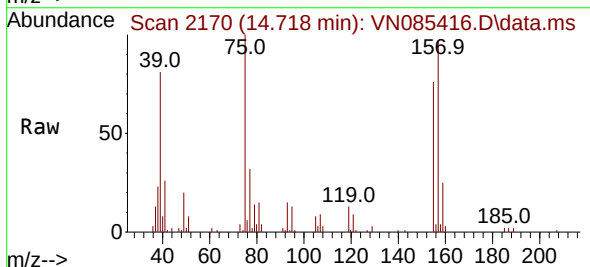
Tgt Ion: 75 Resp: 26607

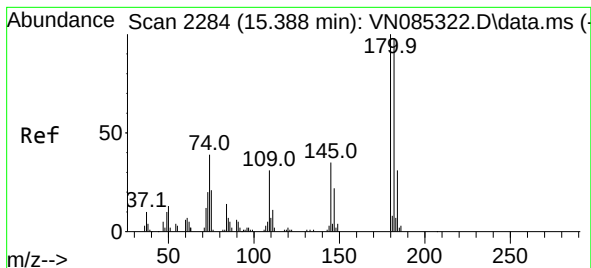
Ion Ratio Lower Upper

75 100

155 77.9 35.6 106.9

157 94.9 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 50.846 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

Instrument :

MSVOA_N

ClientSampleId :

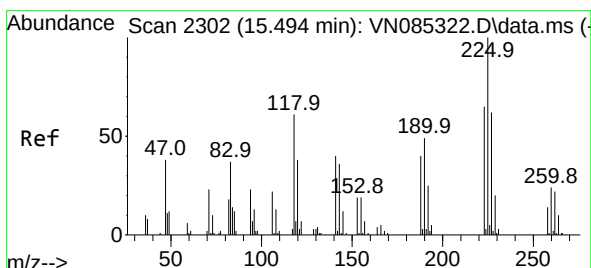
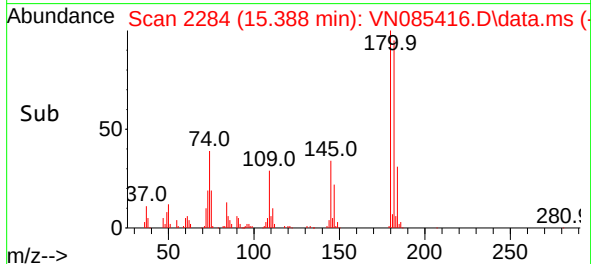
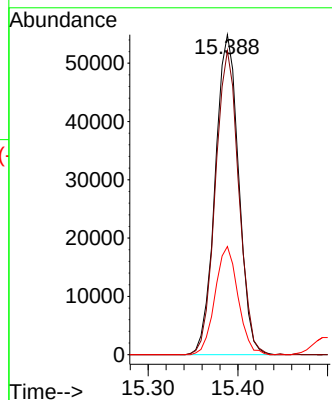
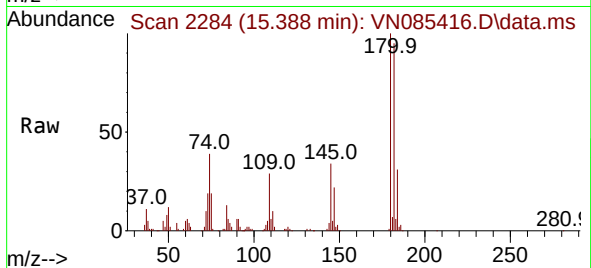
Tgt Ion:180 Resp: 99659

Ion Ratio Lower Upper

180 100

182 94.4 47.2 141.6

145 33.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 45.323 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN085416.D

Acq: 09 Jan 2025 18:23

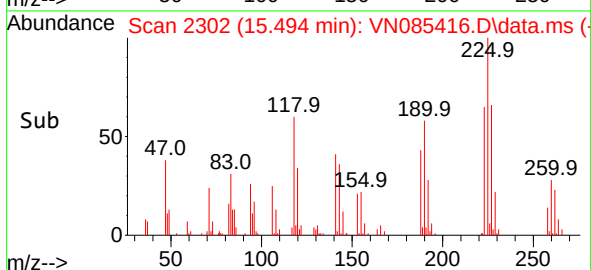
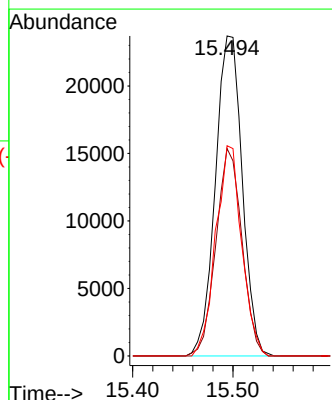
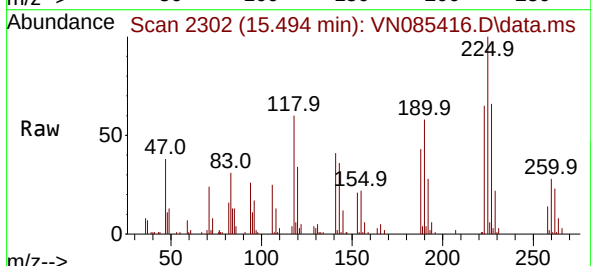
Tgt Ion:225 Resp: 44138

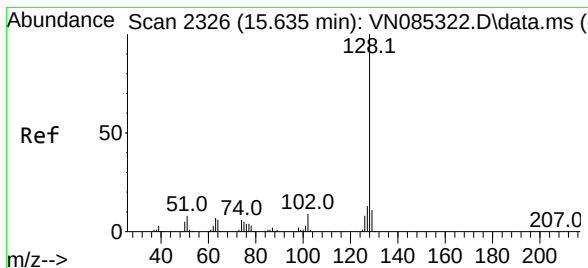
Ion Ratio Lower Upper

225 100

223 62.7 31.6 94.7

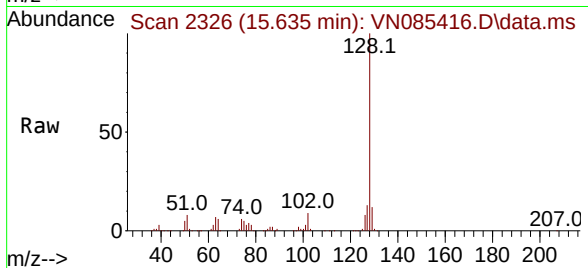
227 63.3 30.3 91.0



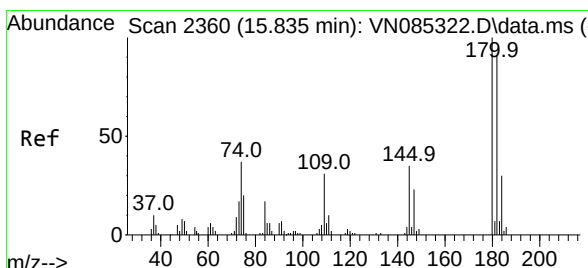
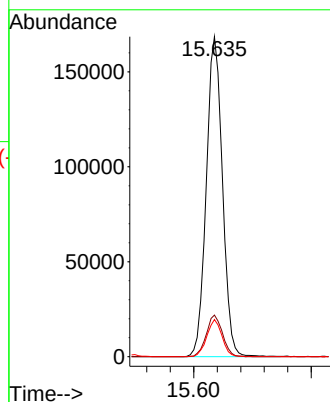
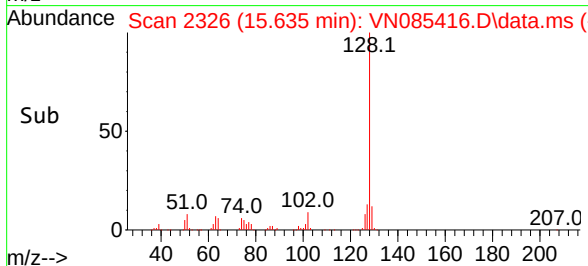


#95
Naphthalene
Concen: 48.246 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23

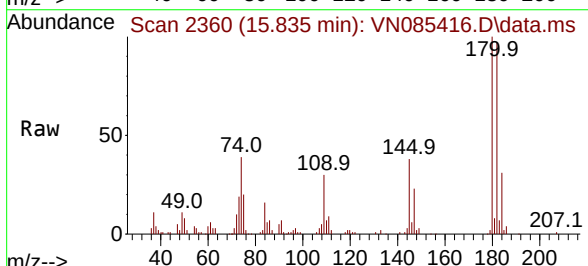
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 320663
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 48.946 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085416.D
Acq: 09 Jan 2025 18:23



Tgt Ion:180 Resp: 95855
Ion Ratio Lower Upper
180 100
182 94.6 46.8 140.4
145 34.6 17.2 51.6

