

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083787.D
 Acq On : 11 Sep 2024 11:14
 Operator : JC\MD
 Sample : P3906-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 11 16:23:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

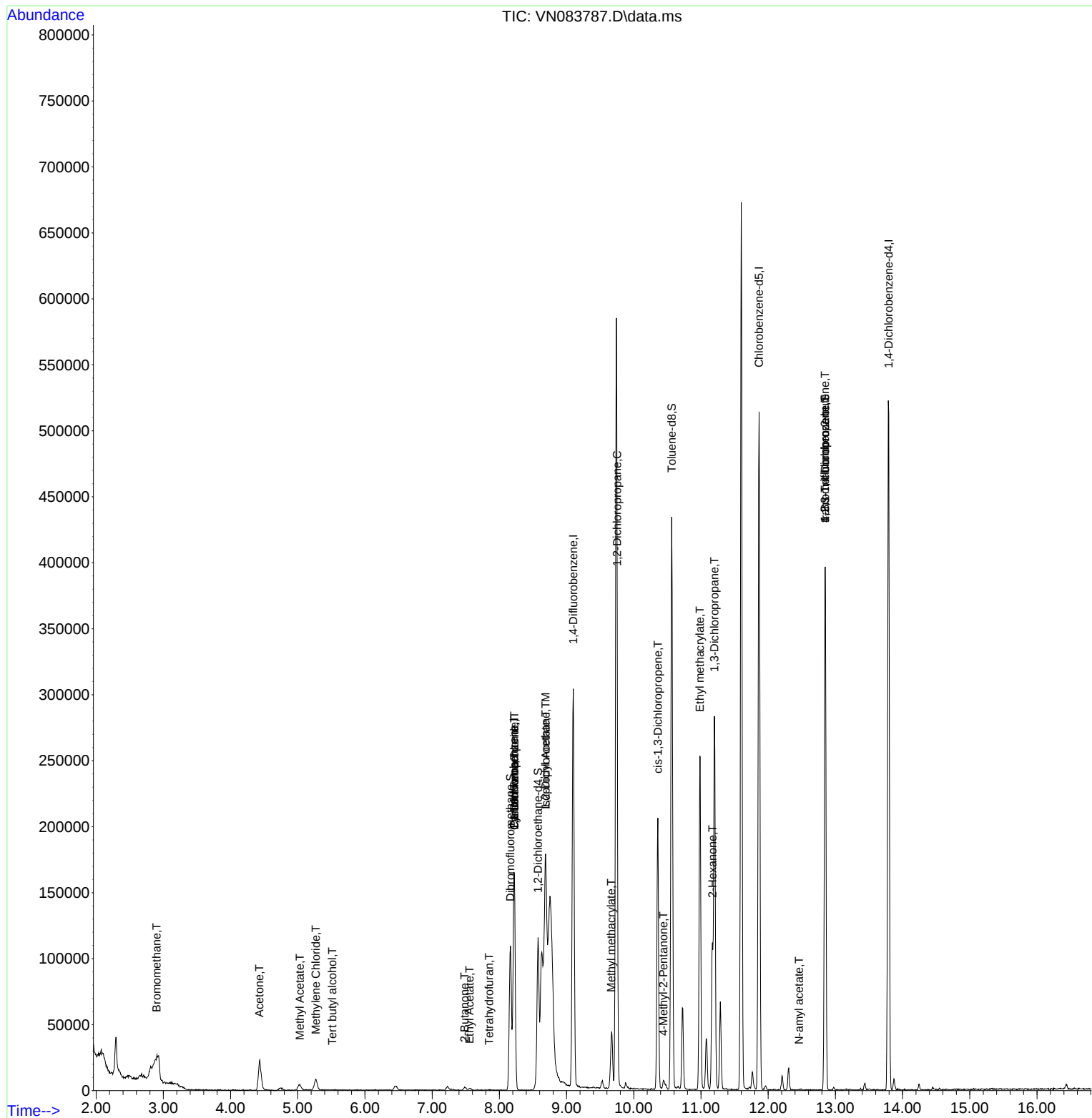
Internal Standards						
1) Pentafluorobenzene	8.218	168	111837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99368	58.925	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.860%
35) Dibromofluoromethane	8.165	113	76733	48.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.565	98	283820	51.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.000%
62) 4-Bromofluorobenzene	12.847	95	132622	58.893	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	117.780%
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	514	Below Cal	#	82
5) Bromomethane	2.900	94	185	0.226	ug/l	98
11) Tert butyl alcohol	5.512	59	67	0.297	ug/l #	71
16) Acetone	4.430	43	39805	58.882	ug/l	99
18) Methyl Acetate	5.030	43	9140	4.812	ug/l	99
20) Methylene Chloride	5.271	84	6519	4.712	ug/l	89
25) 2-Butanone	7.483	43	4151	4.672	ug/l	98
29) Tetrahydrofuran	7.847	42	246	0.468	ug/l #	32
31) Cyclohexane	8.224	56	3138	1.288	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	10830	4.557	ug/l #	51
37) Ethyl Acetate	7.559	43	2816	1.305	ug/l #	80
38) Carbon Tetrachloride	8.224	117	13393	4.968	ug/l #	15
42) 1,2-Dichloroethane	8.688	62	1014	0.379	ug/l #	77
43) Isopropyl Acetate	8.688	43	100510	25.713	ug/l #	93
45) 1,2-Dichloropropane	9.753	63	503	0.291	ug/l #	42
48) Methyl methacrylate	9.665	41	3036	1.637	ug/l #	45
51) 4-Methyl-2-Pentanone	10.441	43	7779	3.656	ug/l #	78
54) cis-1,3-Dichloropropene	10.359	75	34704	12.438	ug/l #	64
56) Ethyl methacrylate	10.982	69	835	0.332	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	2959	1.054	ug/l #	42
59) 2-Hexanone	11.171	43	129718	82.414	ug/l #	24
74) N-amyl acetate	12.459	43	945	0.212	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	76838	28.202	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76838	73.863	ug/l #	9

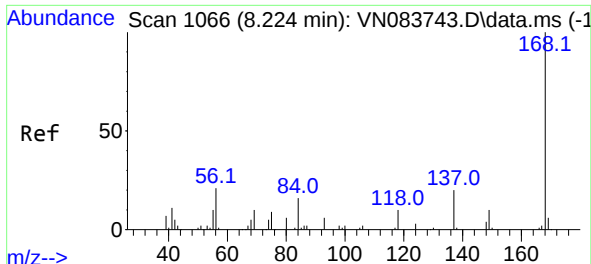
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN083787.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

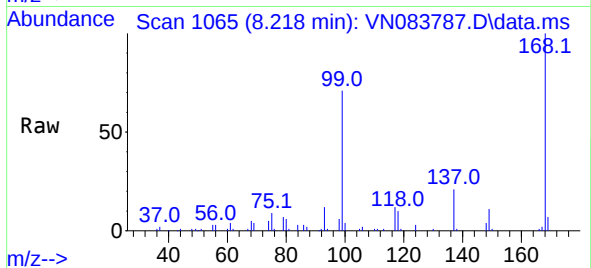
Quant Time: Sep 11 16:23:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



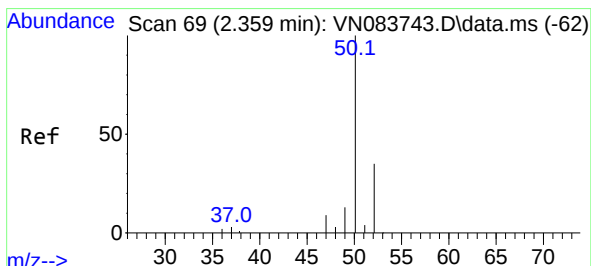
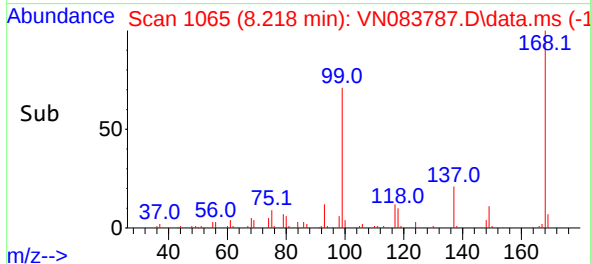
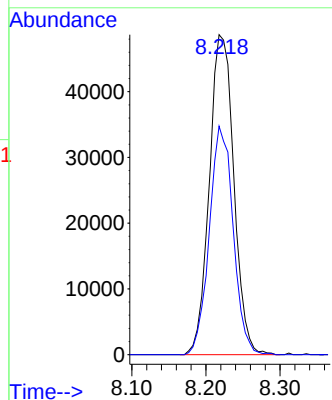


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :

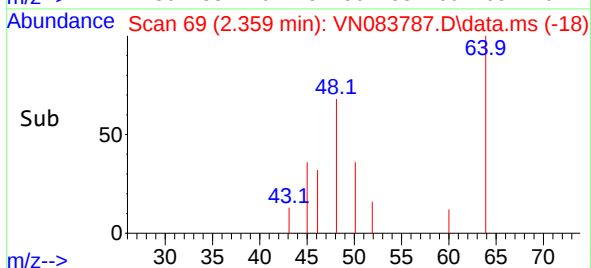
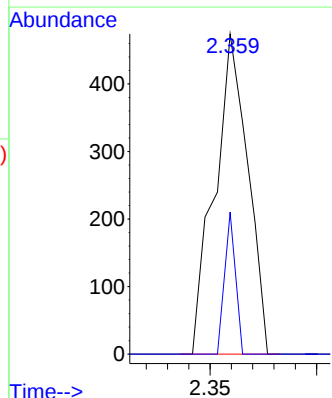
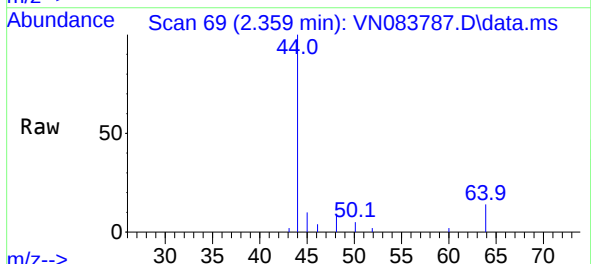


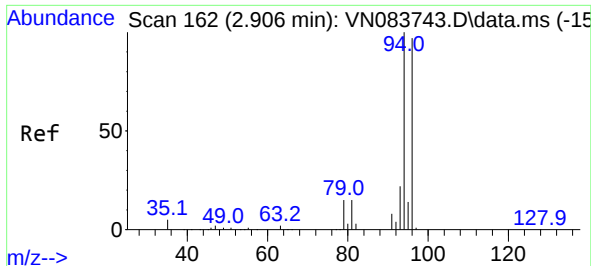
Tgt Ion:168 Resp: 111837
Ion Ratio Lower Upper
168 100
99 71.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

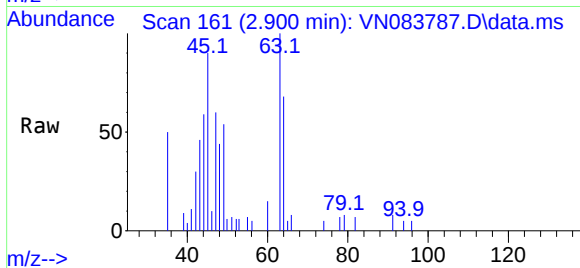
Tgt Ion: 50 Resp: 514
Ion Ratio Lower Upper
50 100
52 44.3 27.2 40.8#



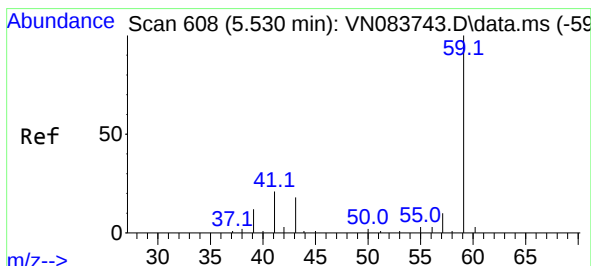
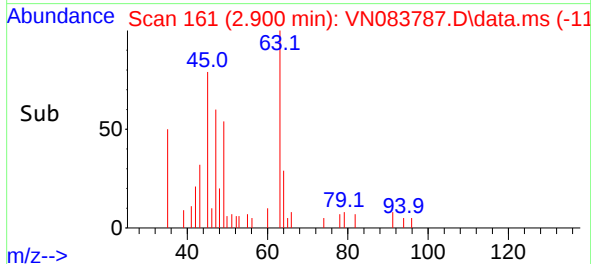
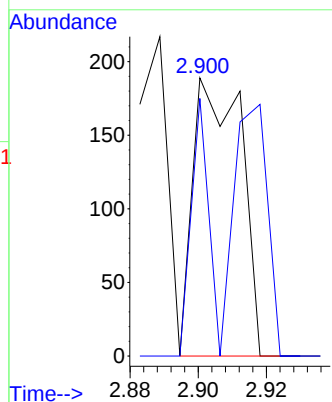


#5
Bromomethane
Concen: 0.226 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :

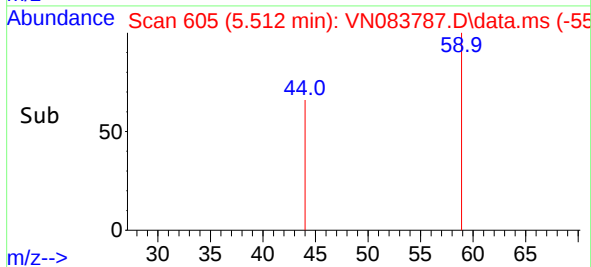
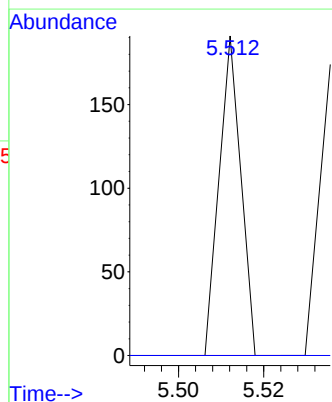
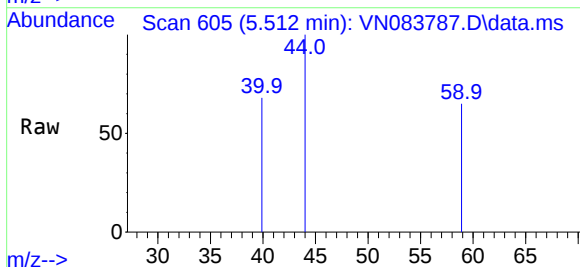


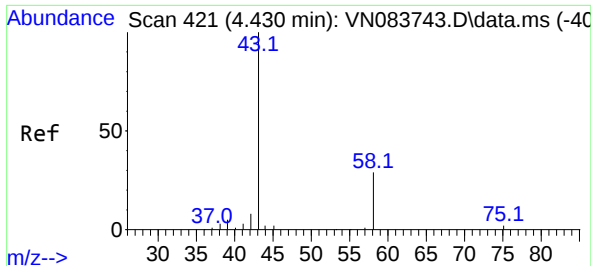
Tgt Ion: 94 Resp: 185
Ion Ratio Lower Upper
94 100
96 92.6 76.0 114.0



#11
Tert butyl alcohol
Concen: 0.297 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

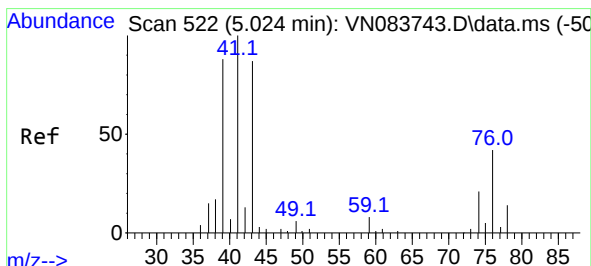
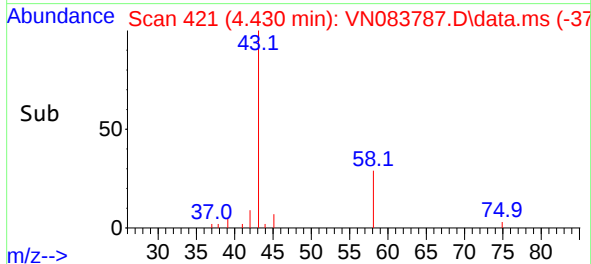
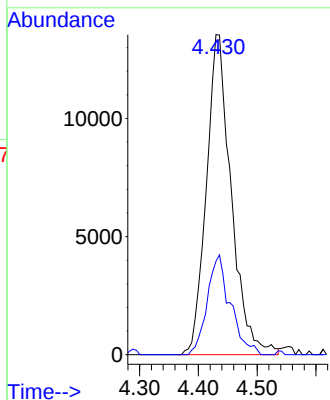
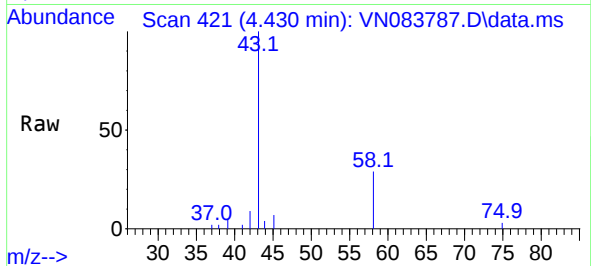




#16
Acetone
Concen: 58.882 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

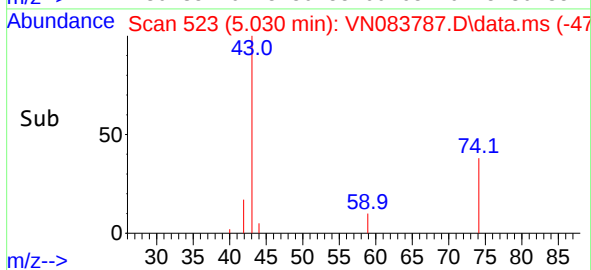
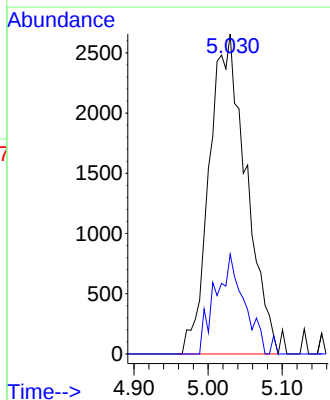
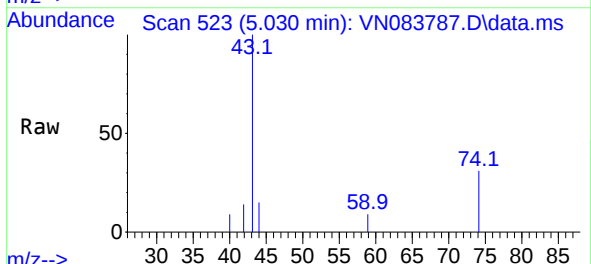
Instrument :
MSVOA_N
ClientSampleId :

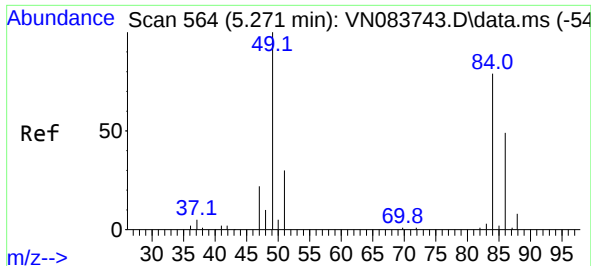
Tgt Ion: 43 Resp: 39805
Ion Ratio Lower Upper
43 100
58 29.2 23.7 35.5



#18
Methyl Acetate
Concen: 4.812 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

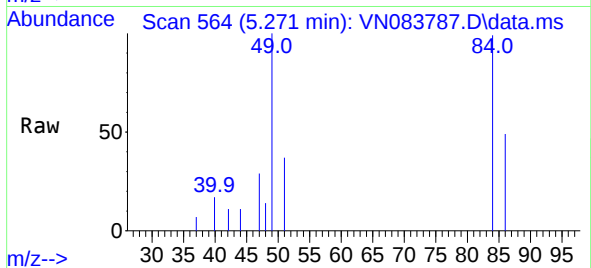
Tgt Ion: 43 Resp: 9140
Ion Ratio Lower Upper
43 100
74 24.3 19.0 28.4





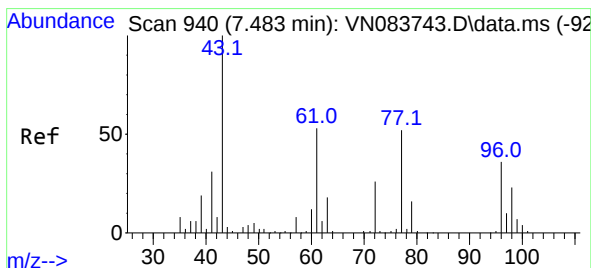
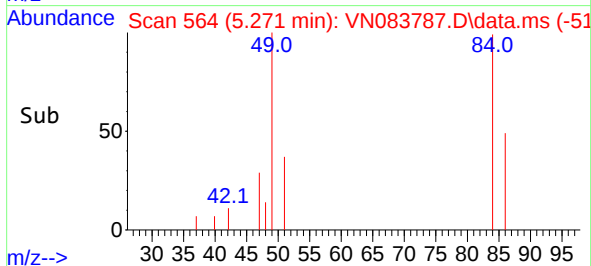
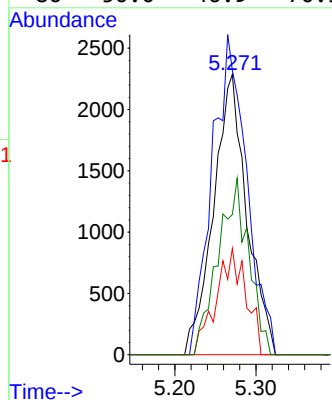
#20
Methylene Chloride
Concen: 4.712 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 6519

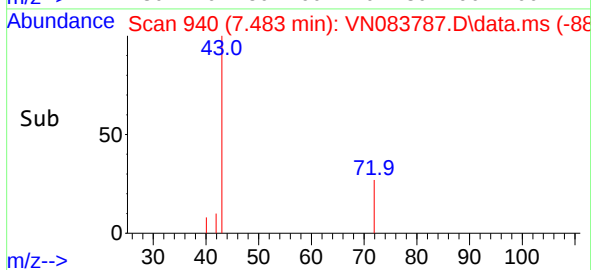
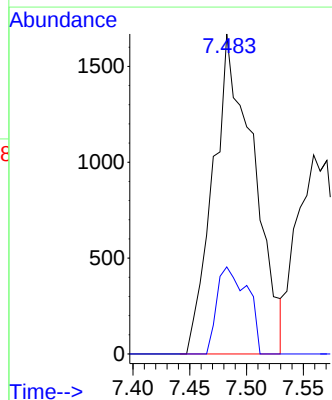
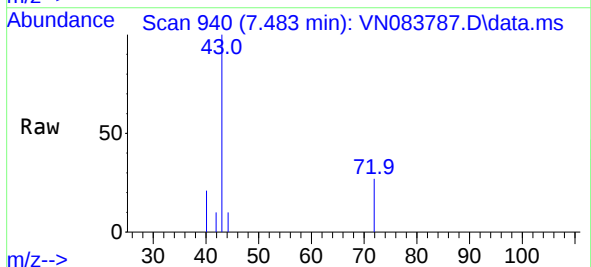
Ion	Ratio	Lower	Upper
84	100		
49	101.4	93.4	140.0
51	37.9	29.2	43.8
86	50.0	46.9	70.3

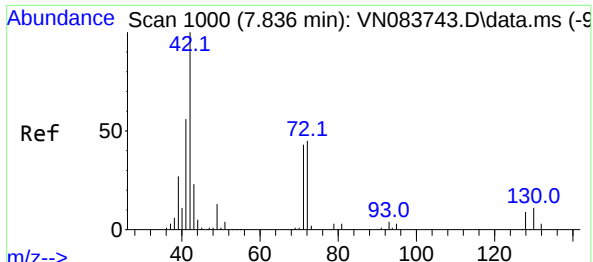


#25
2-Butanone
Concen: 4.672 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Tgt Ion: 43 Resp: 4151

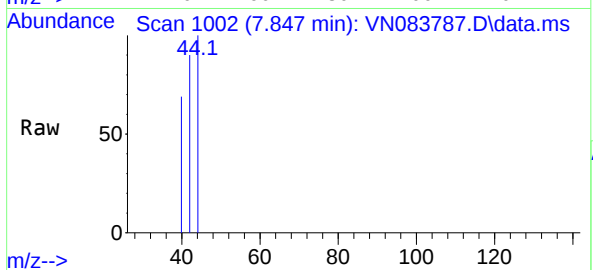
Ion	Ratio	Lower	Upper
43	100		
72	27.2	20.8	31.2



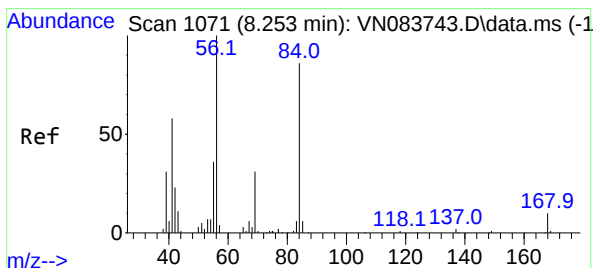
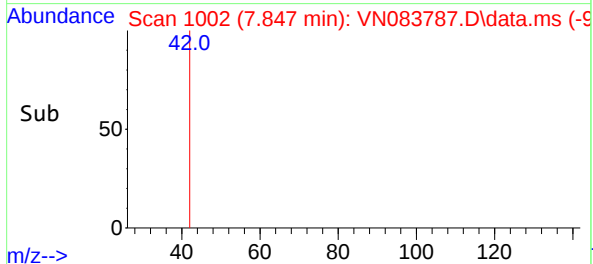
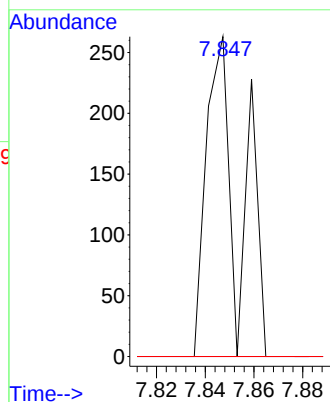


#29
Tetrahydrofuran
Concen: 0.468 ug/l
RT: 7.847 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :

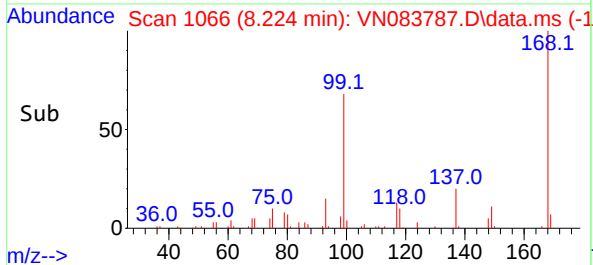
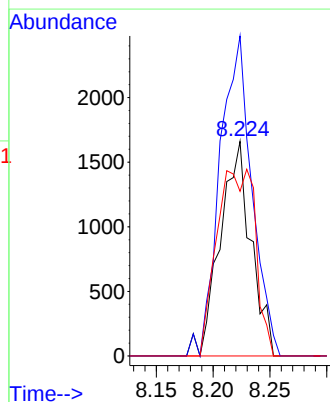
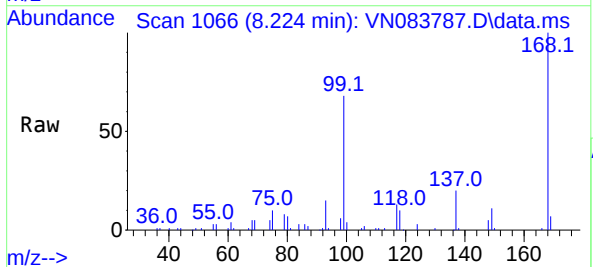


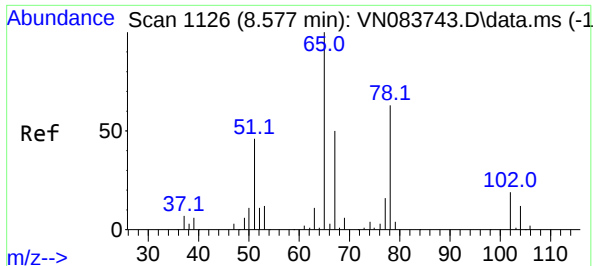
Tgt Ion: 42 Resp: 246
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 0.0 33.9 50.9#



#31
Cyclohexane
Concen: 1.288 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Tgt Ion: 56 Resp: 3138
Ion Ratio Lower Upper
56 100
69 149.1 26.9 40.3#
84 76.7 69.2 103.8

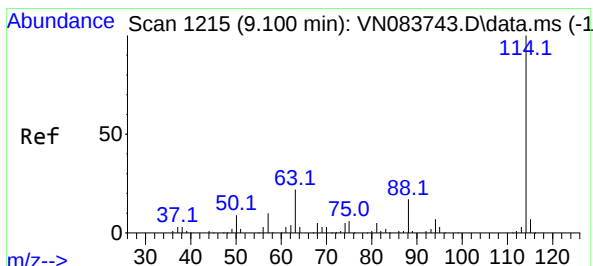
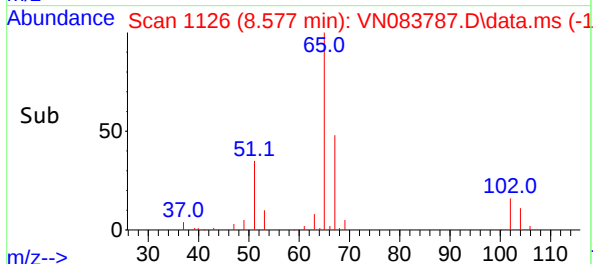
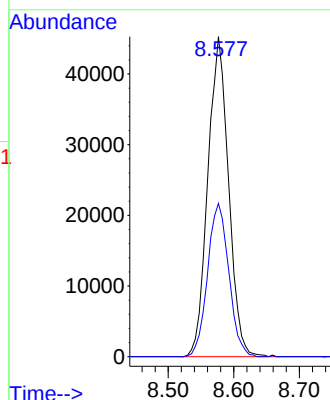
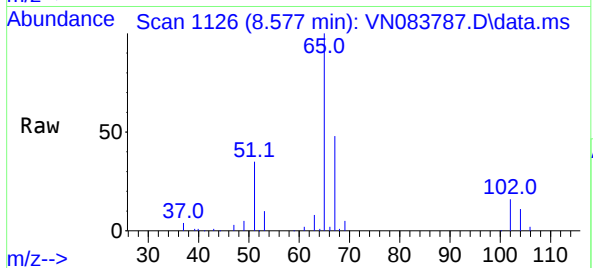




#33
 1,2-Dichloroethane-d4
 Concen: 58.925 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083787.D
 Acq: 11 Sep 2024 11:14

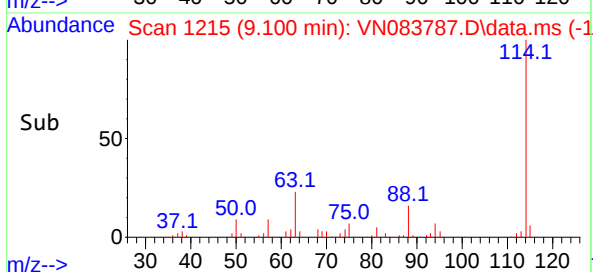
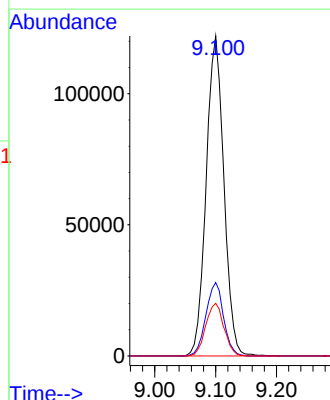
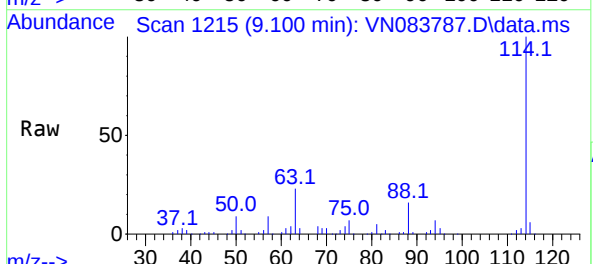
Instrument :
 MSVOA_N
 ClientSampleId :

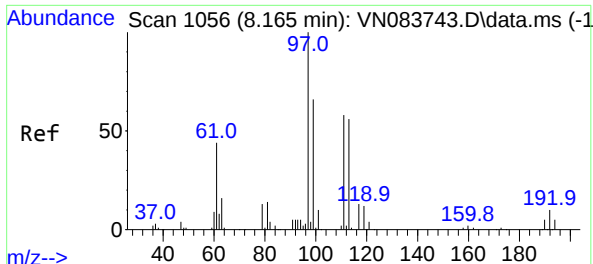
Tgt Ion: 65 Resp: 99368
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083787.D
 Acq: 11 Sep 2024 11:14

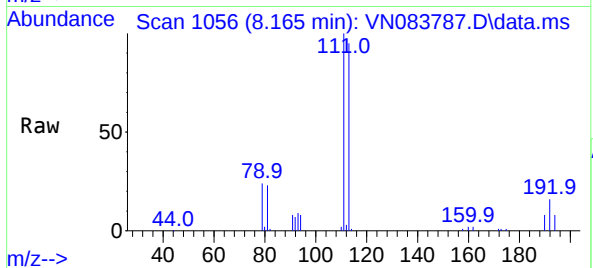
Tgt Ion: 114 Resp: 246622
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.4
 88 16.5 0.0 32.6



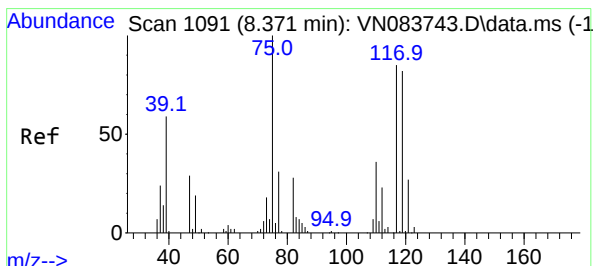
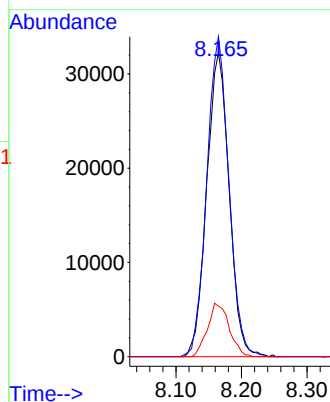
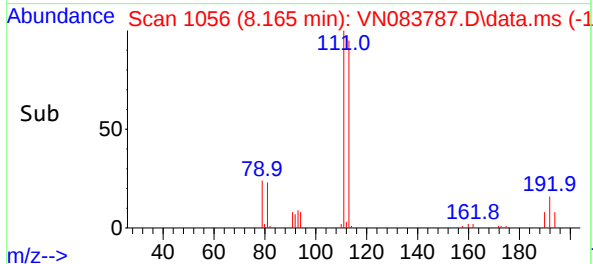


#35
Dibromofluoromethane
Concen: 48.601 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

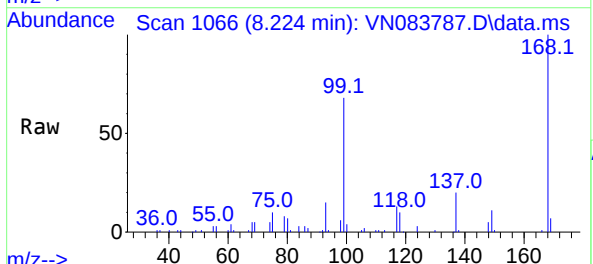
Instrument :
MSVOA_N
ClientSampleId :



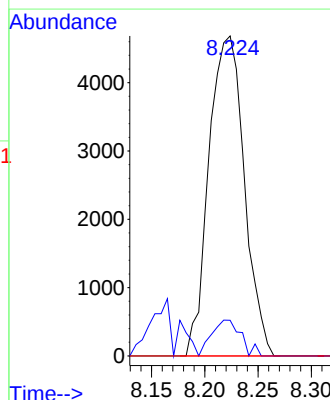
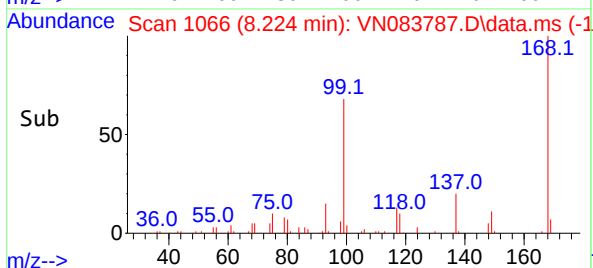
Tgt Ion:113 Resp: 76733
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.0 14.3 21.5

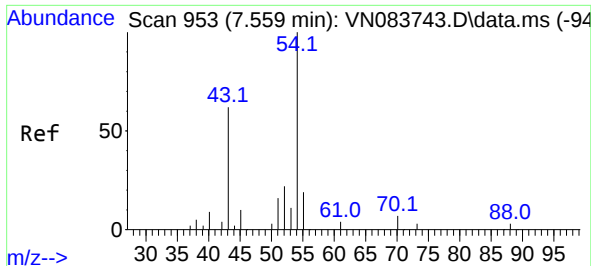


#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14



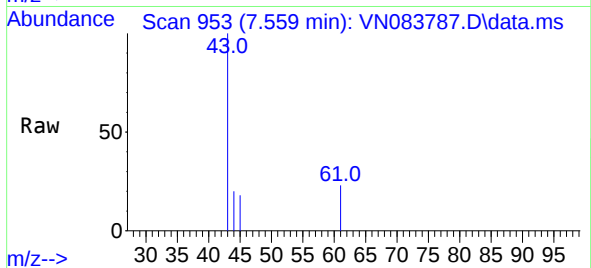
Tgt Ion: 75 Resp: 10830
Ion Ratio Lower Upper
75 100
110 9.3 16.7 50.1#
77 0.0 25.2 37.8#



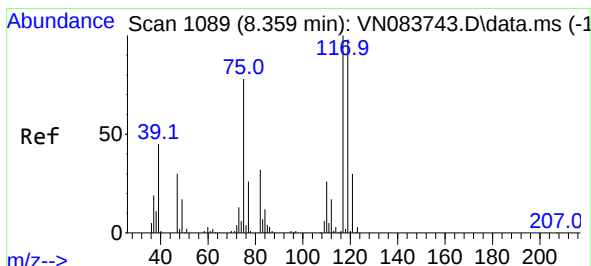
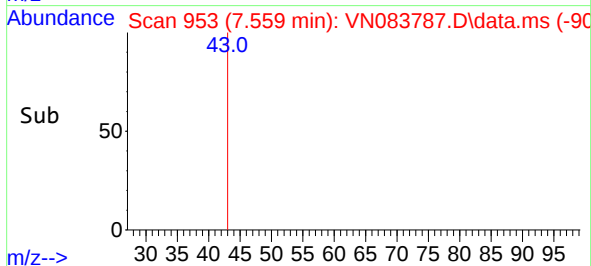
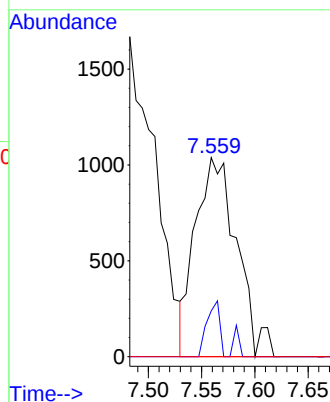


#37
Ethyl Acetate
Concen: 1.305 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :

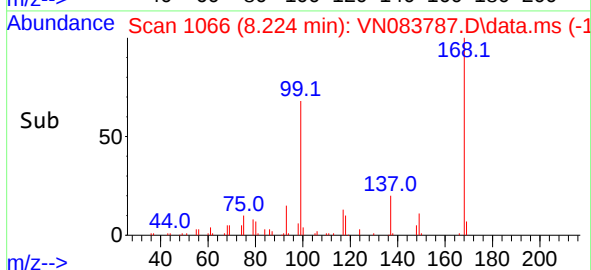
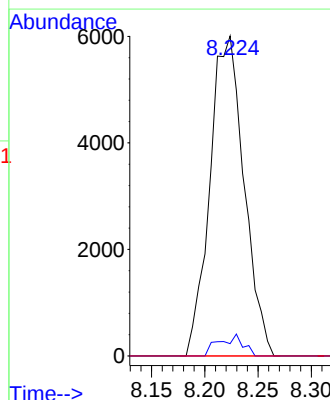
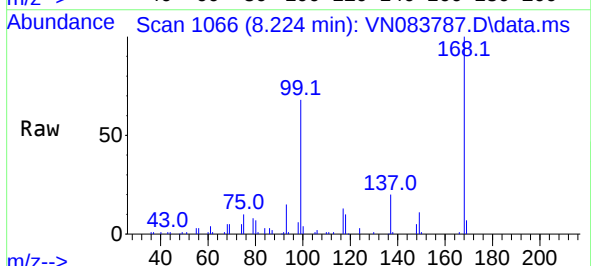


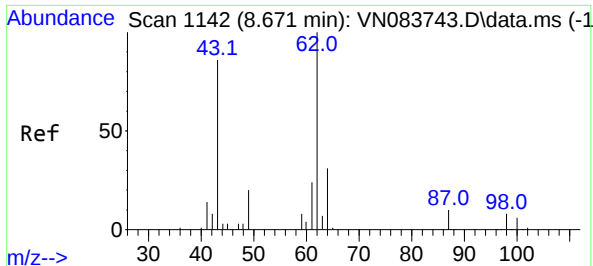
Tgt Ion: 43 Resp: 2816
Ion Ratio Lower Upper
43 100
61 8.6 11.1 16.7#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 4.968 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Tgt Ion: 117 Resp: 13393
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 24.1 36.1#

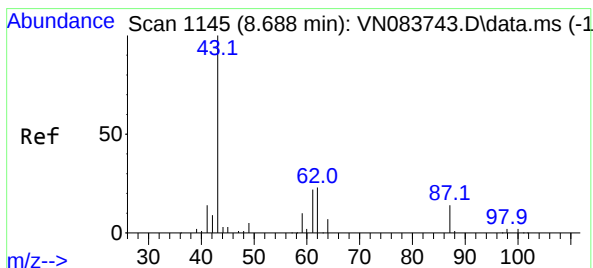
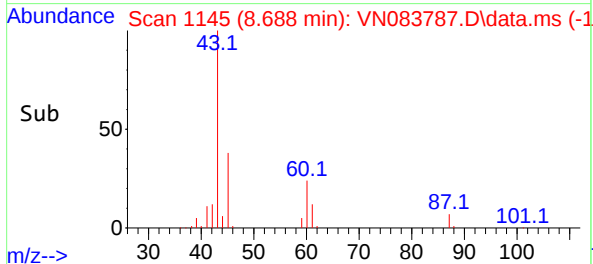
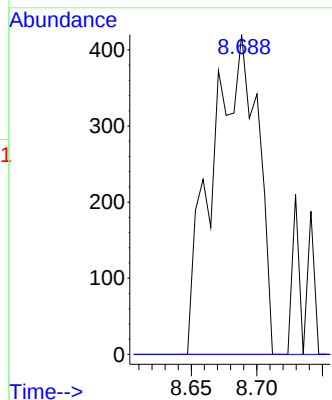
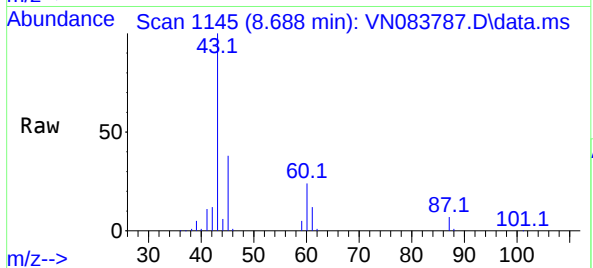




#42
1,2-Dichloroethane
Concen: 0.379 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

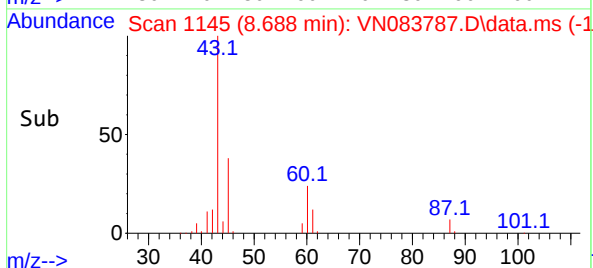
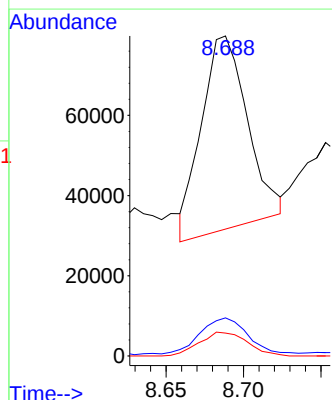
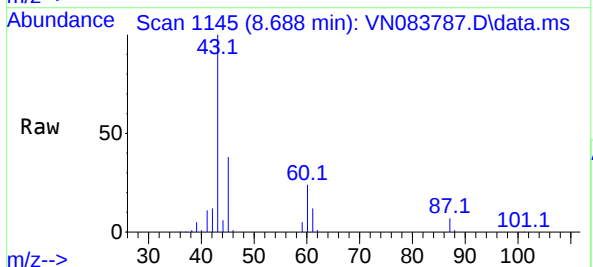
Instrument :
MSVOA_N
ClientSampleId :

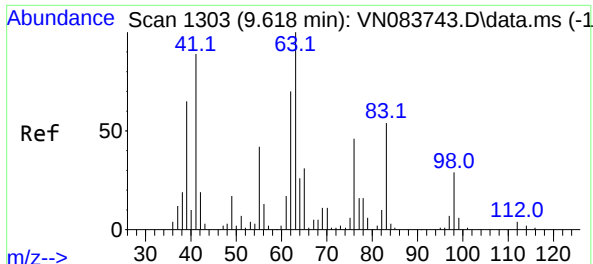
Tgt Ion: 62 Resp: 1014
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.6



#43
Isopropyl Acetate
Concen: 25.713 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Tgt Ion: 43 Resp: 100510
Ion Ratio Lower Upper
43 100
61 19.2 19.4 29.0#
87 12.7 9.8 14.6

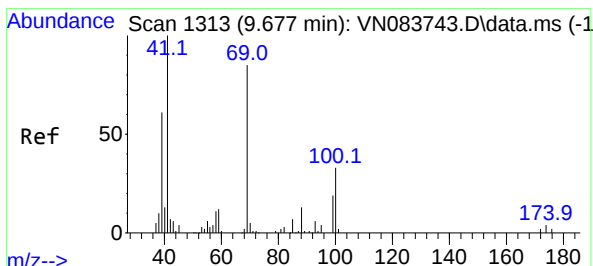
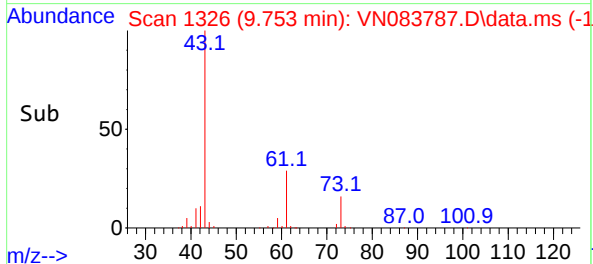
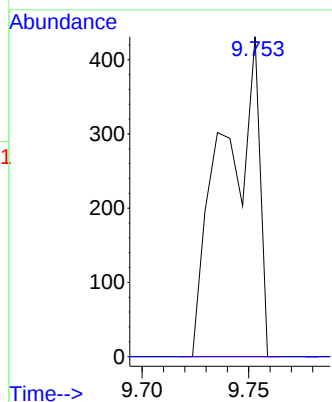
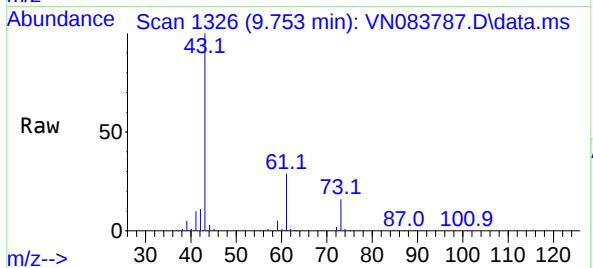




#45
1,2-Dichloropropane
Concen: 0.291 ug/l
RT: 9.753 min Scan# 11
Delta R.T. 0.135 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

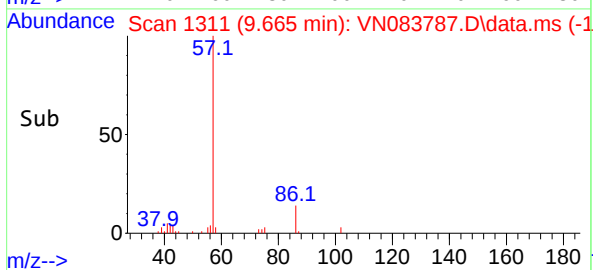
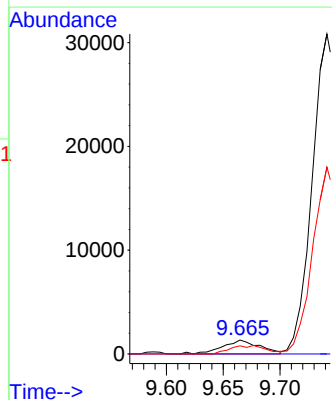
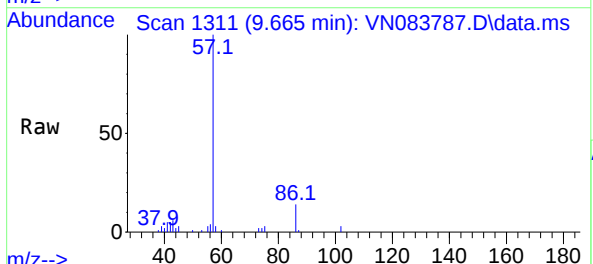
Instrument :
MSVOA_N
ClientSampleId :

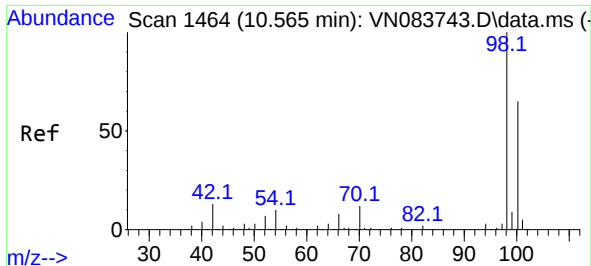
Tgt Ion: 63 Resp: 503
Ion Ratio Lower Upper
63 100
65 0.0 25.9 38.9#



#48
Methyl methacrylate
Concen: 1.637 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.012 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Tgt Ion: 41 Resp: 3036
Ion Ratio Lower Upper
41 100
69 0.0 64.3 96.5#
39 55.6 48.9 73.3

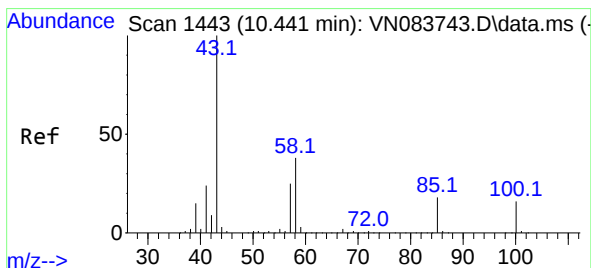
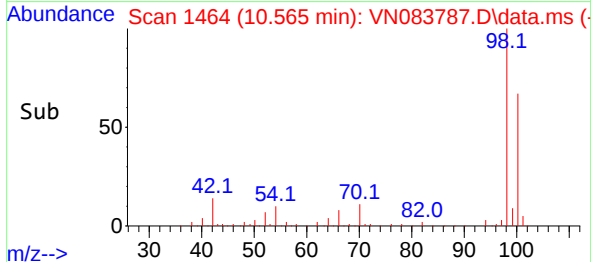
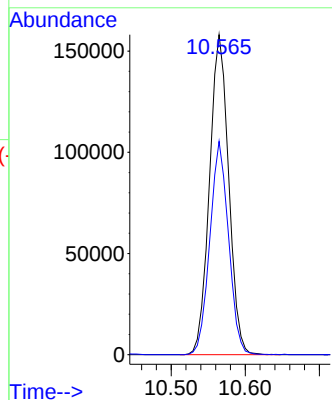
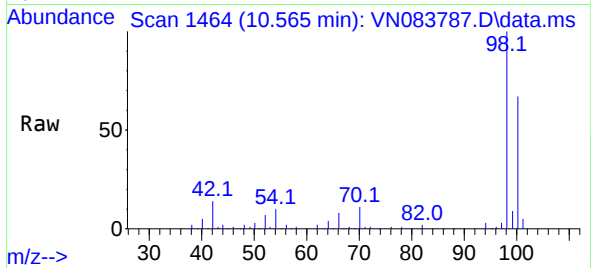




#50
Toluene-d8
Concen: 51.999 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

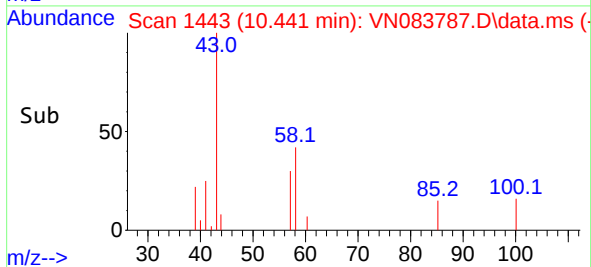
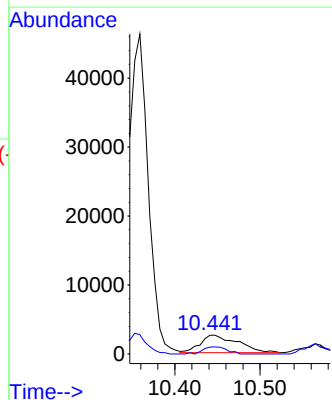
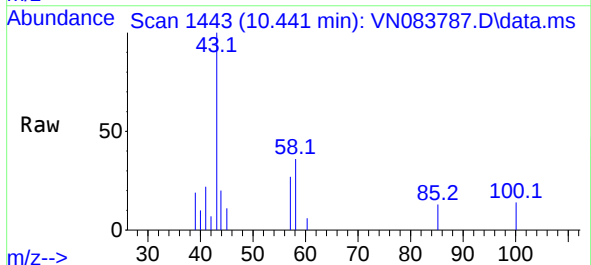
Instrument :
MSVOA_N
ClientSampleId :

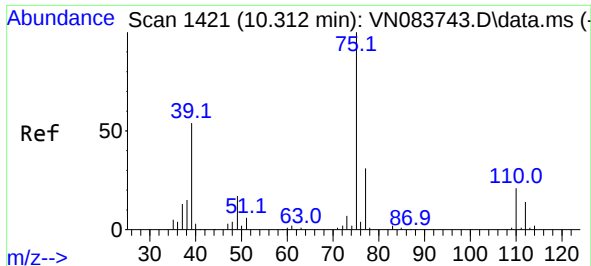
Tgt Ion: 98 Resp: 283820
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 3.656 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Tgt Ion: 43 Resp: 7779
Ion Ratio Lower Upper
43 100
58 25.9 31.6 47.4#

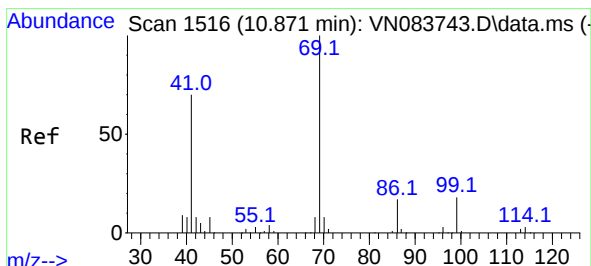
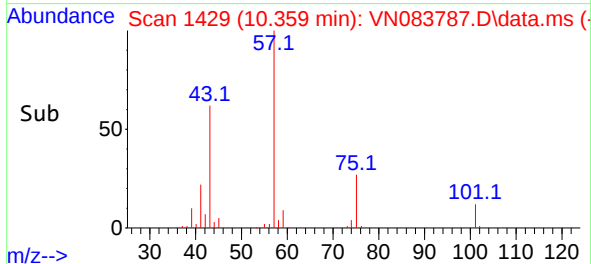
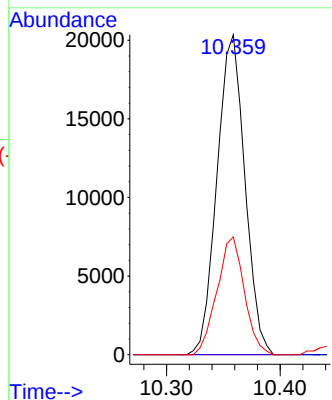
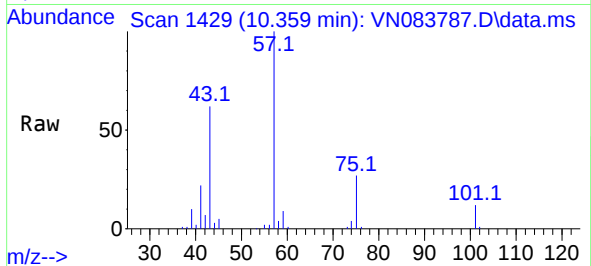




#54
 cis-1,3-Dichloropropene
 Concen: 12.438 ug/l
 RT: 10.359 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN083787.D
 Acq: 11 Sep 2024 11:14

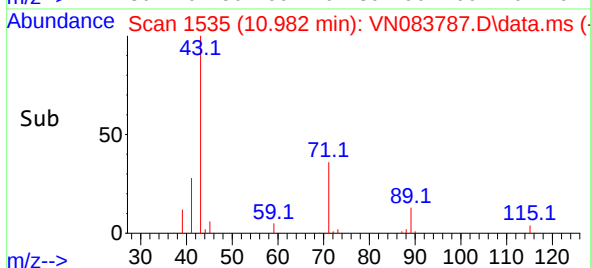
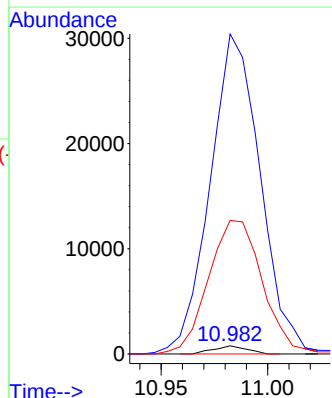
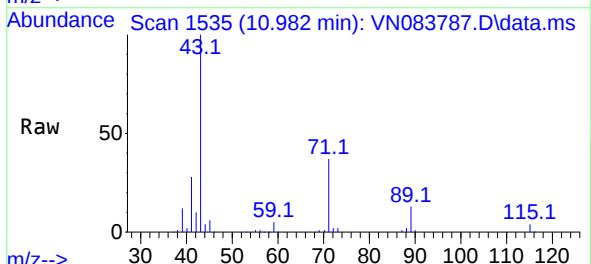
Instrument :
 MSVOA_N
 ClientSampleId :

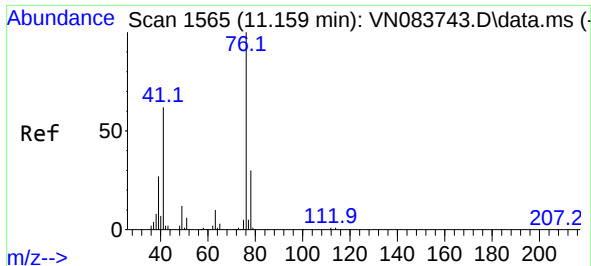
Tgt Ion: 75 Resp: 34704
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 36.8 42.6 64.0#



#56
 Ethyl methacrylate
 Concen: 0.332 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.112 min
 Lab File: VN083787.D
 Acq: 11 Sep 2024 11:14

Tgt Ion: 69 Resp: 835
 Ion Ratio Lower Upper
 69 100
 41 6047.7 53.9 80.9#
 39 2684.7 32.6 48.8#

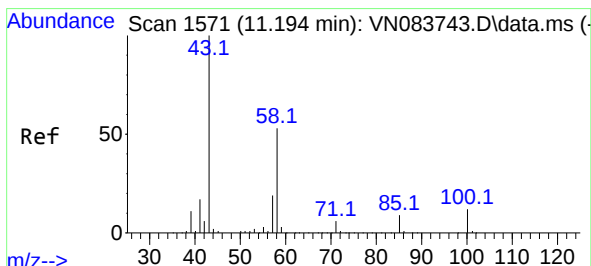
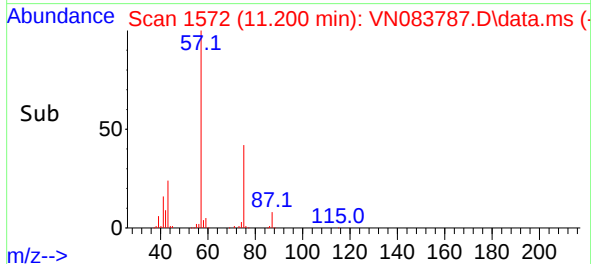
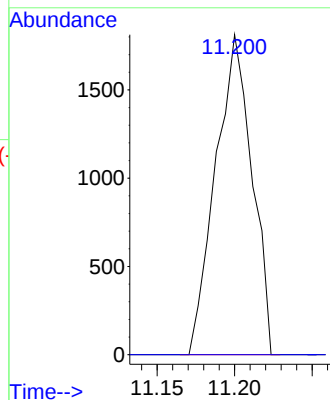
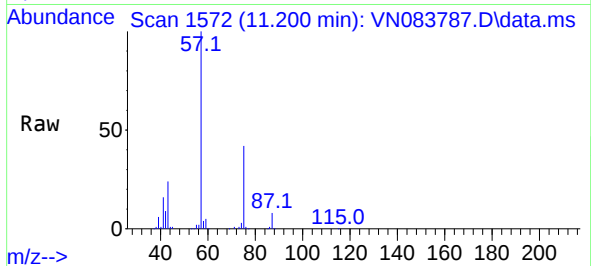




#57
1,3-Dichloropropane
Concen: 1.054 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

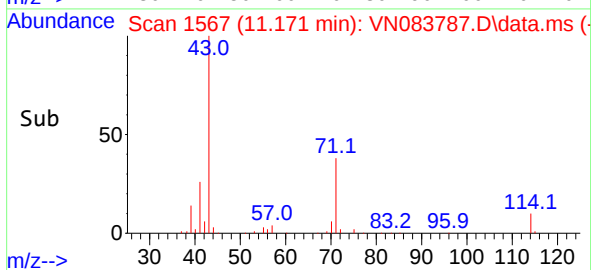
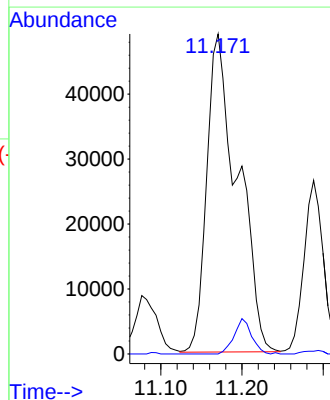
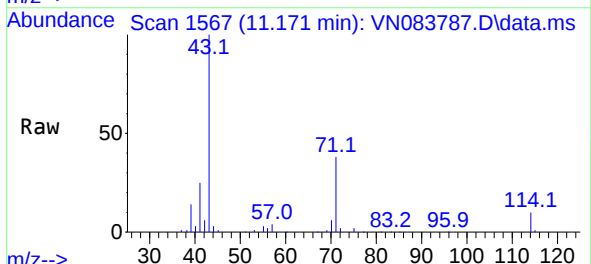
Instrument :
MSVOA_N
ClientSampleId :

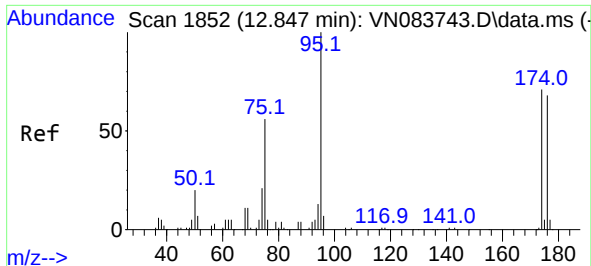
Tgt Ion: 76 Resp: 2959
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#



#59
2-Hexanone
Concen: 82.414 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Tgt Ion: 43 Resp: 129718
Ion Ratio Lower Upper
43 100
58 0.0 27.2 81.5#

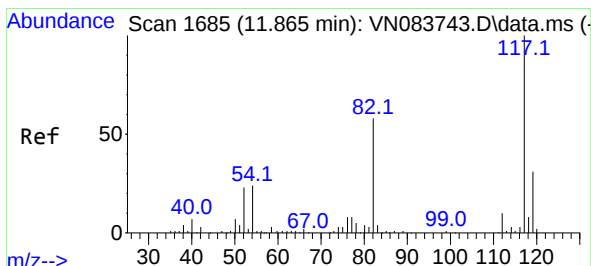
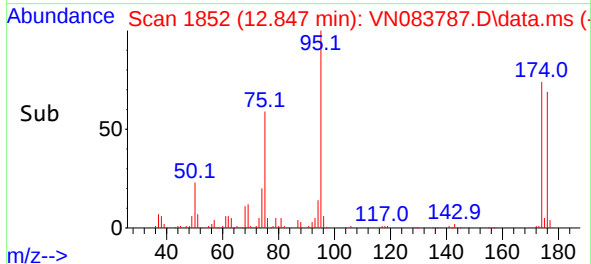
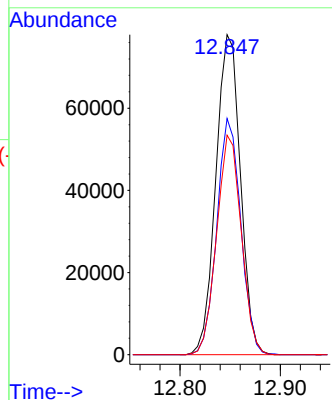
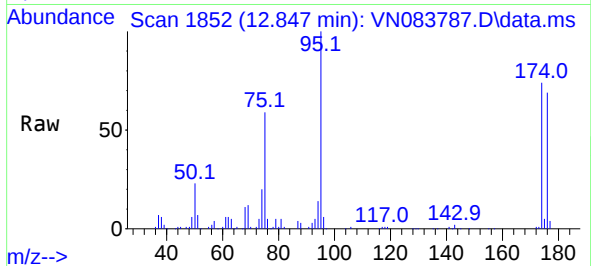




#62
4-Bromofluorobenzene
Concen: 58.893 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

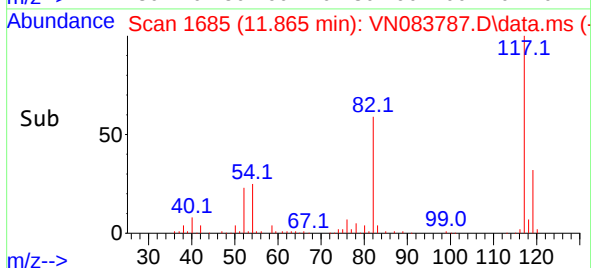
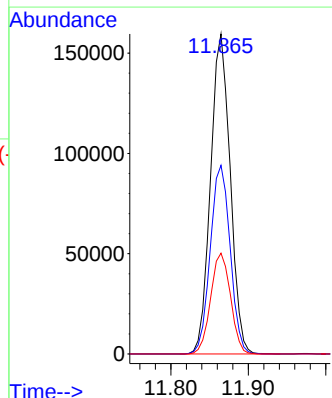
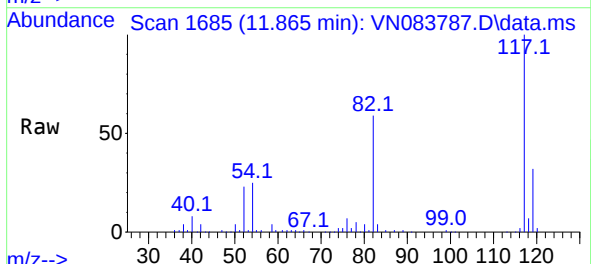
Instrument :
MSVOA_N
ClientSampleId :

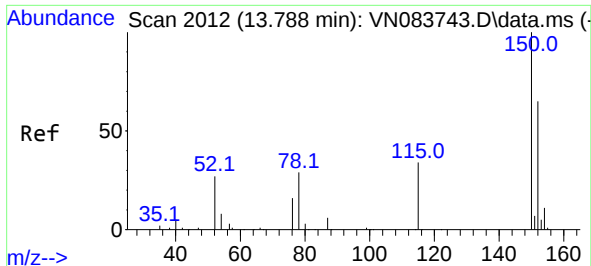
Tgt Ion: 95 Resp: 132622
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.8
176 68.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

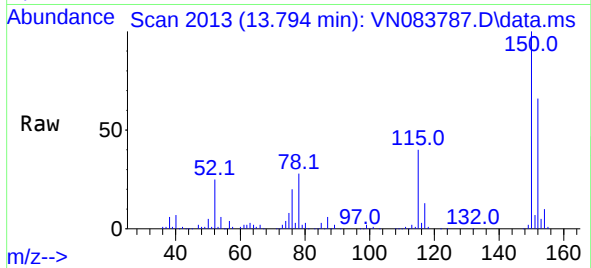
Tgt Ion: 117 Resp: 280899
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 31.5 26.3 39.5



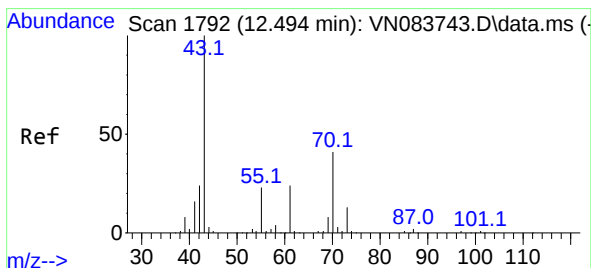
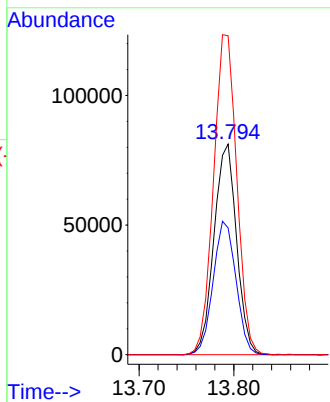
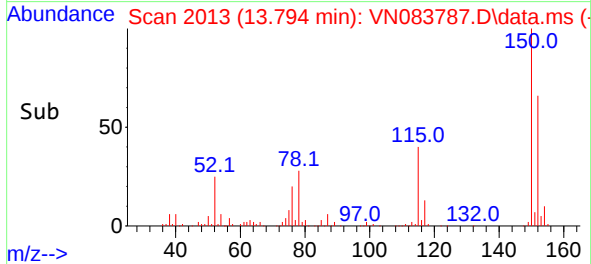


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

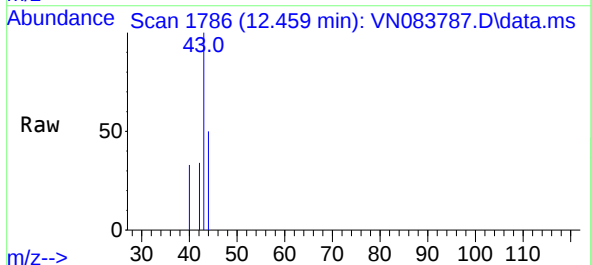
Instrument :
MSVOA_N
ClientSampleId :



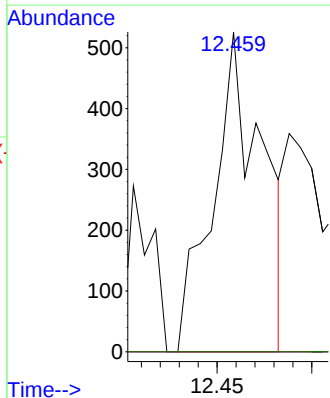
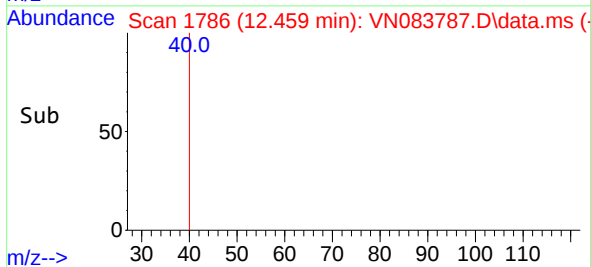
Tgt Ion:152 Resp: 135026
Ion Ratio Lower Upper
152 100
115 64.0 32.2 96.6
150 156.1 0.0 348.6

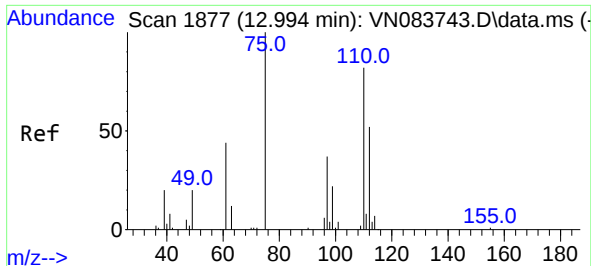


#74
N-ethyl acetate
Concen: 0.212 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.035 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14



Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
70 0.0 34.5 51.7#
55 0.0 18.6 28.0#
61 0.0 19.2 28.8#

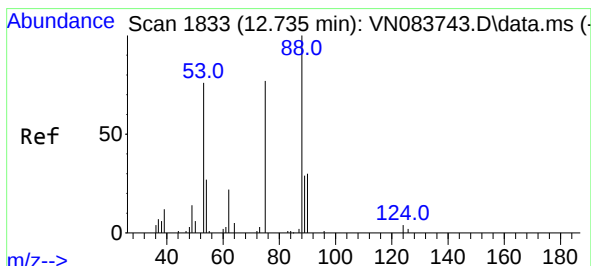
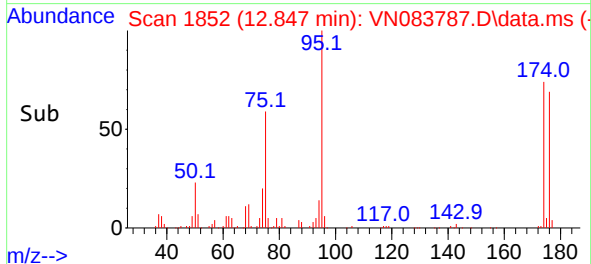
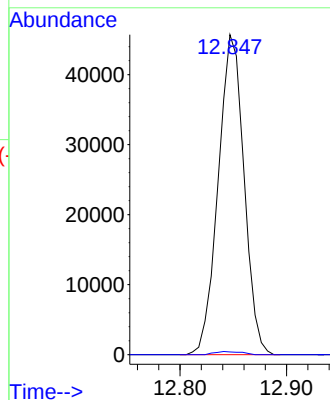
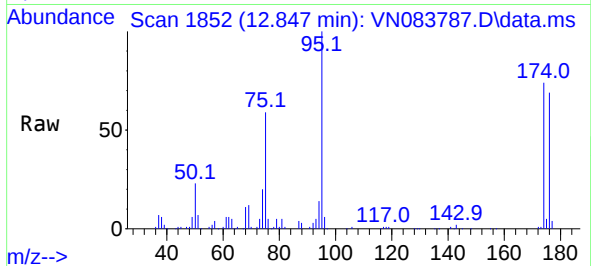




#76
1,2,3-Trichloropropane
Concen: 28.202 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 76838
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.863 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083787.D
Acq: 11 Sep 2024 11:14

Tgt Ion: 75 Resp: 76838
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

