

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084547.D
 Acq On : 28 Oct 2024 18:17
 Operator : JC\MD
 Sample : P4545-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 29 01:32:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

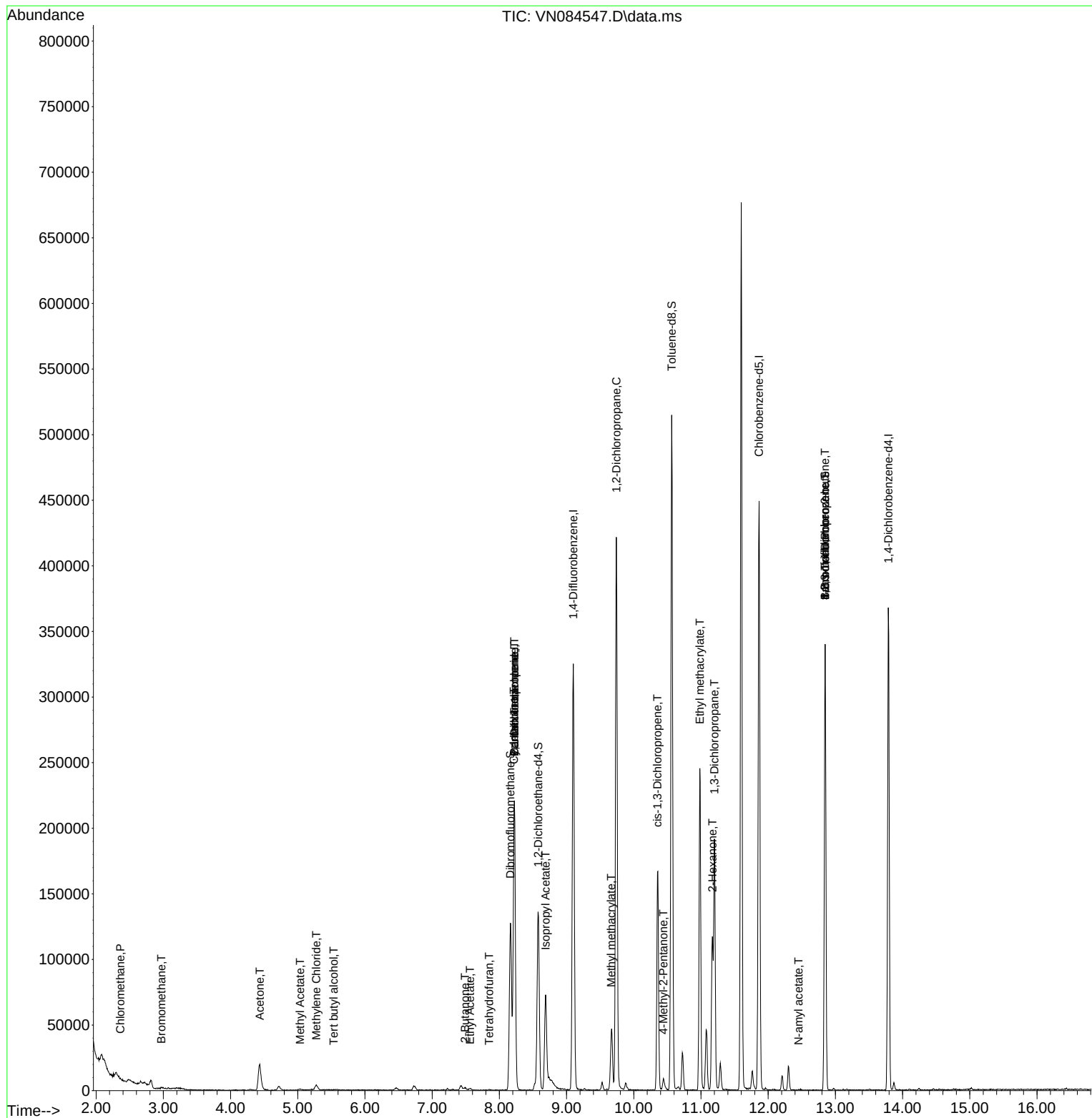
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	158440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115859	49.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.640%
35) Dibromofluoromethane	8.165	113	90938	49.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	10.565	98	353124	51.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.847	95	116528	47.017	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	516	0.241	ug/l #	41
5) Bromomethane	2.971	94	622	0.455	ug/l #	4
11) Tert butyl alcohol	5.536	59	210	0.542	ug/l #	73
16) Acetone	4.436	43	38823	38.471	ug/l	97
18) Methyl Acetate	5.036	43	1397	0.635	ug/l #	60
20) Methylene Chloride	5.277	84	2813	1.371	ug/l	91
25) 2-Butanone	7.488	43	3389	2.466	ug/l #	80
29) Tetrahydrofuran	7.847	42	354	0.417	ug/l #	34
31) Cyclohexane	8.218	56	3903	1.122	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	14270	5.313	ug/l #	49
37) Ethyl Acetate	7.565	43	2841	1.031	ug/l #	69
38) Carbon Tetrachloride	8.224	117	17553	5.958	ug/l #	16
43) Isopropyl Acetate	8.688	43	87918	16.289	ug/l #	87
45) 1,2-Dichloropropane	9.741	63	491	0.248	ug/l #	44
48) Methyl methacrylate	9.665	41	3029	1.410	ug/l #	42
51) 4-Methyl-2-Pentanone	10.441	43	8028	3.060	ug/l #	81
54) cis-1,3-Dichloropropene	10.353	75	29972	9.210	ug/l #	68
56) Ethyl methacrylate	10.982	69	1424	0.473	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	1741	0.533	ug/l #	42
59) 2-Hexanone	11.171	43	118309	60.344	ug/l #	24
71) Bromoform	12.847	173	574	0.394	ug/l #	30
74) N-amyl acetate	12.453	43	723	0.210	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	61373	30.182	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61373	72.361	ug/l #	11

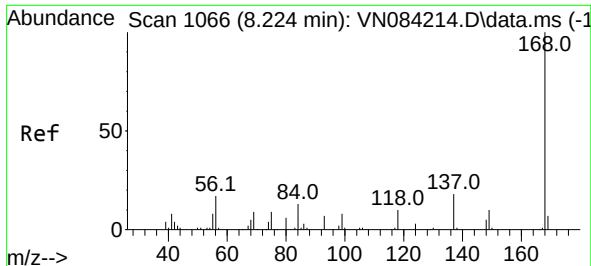
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
Data File : VN084547.D
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Sample : P4545-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :

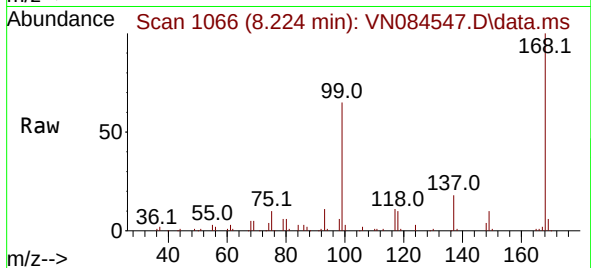
Quant Time: Oct 29 01:32:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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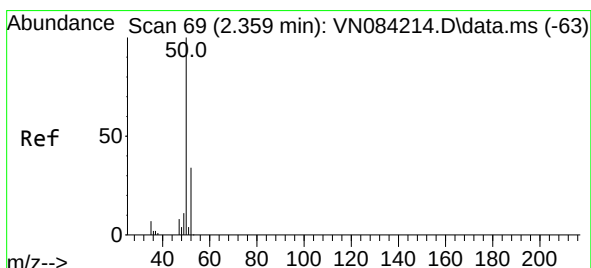
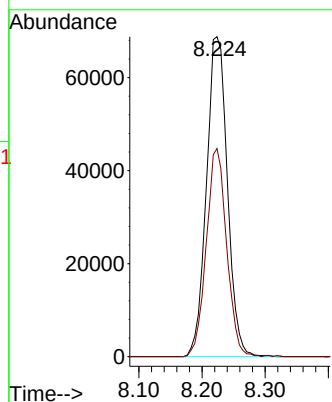
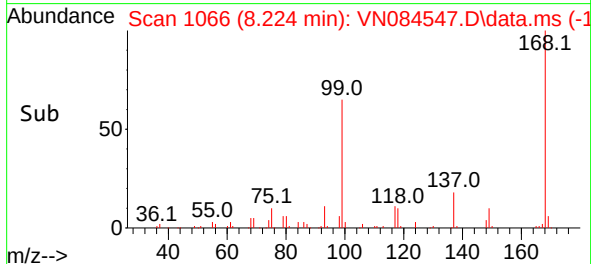


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

Instrument :
MSVOA_N
ClientSampleId :

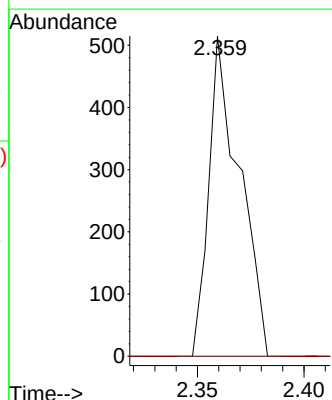
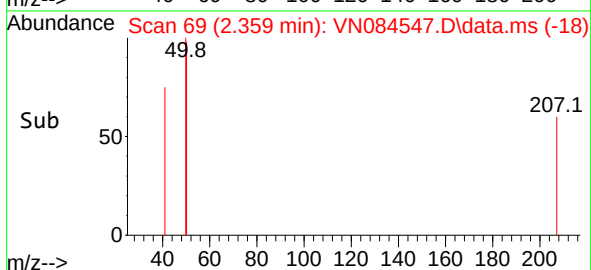
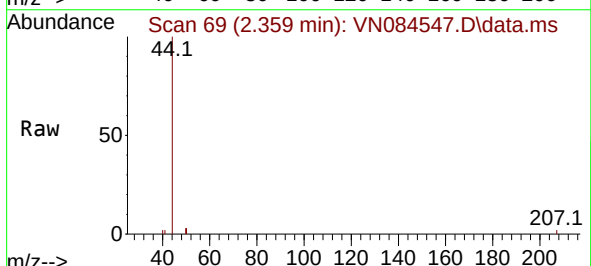


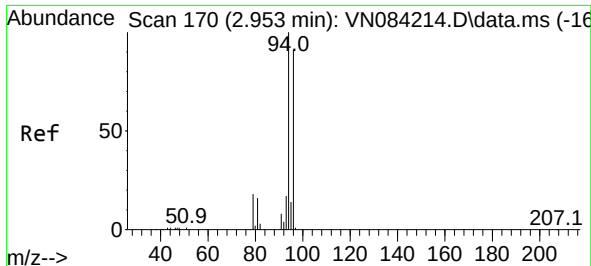
Tgt Ion:168 Resp: 158440
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#3
Chloromethane
Concen: 0.241 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

Tgt Ion: 50 Resp: 516
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

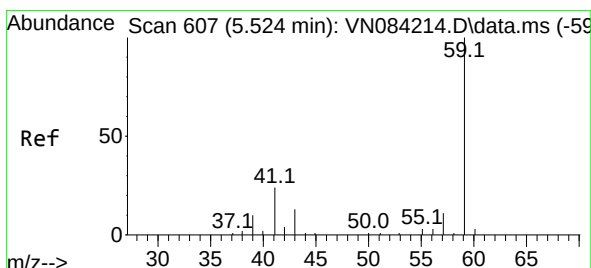
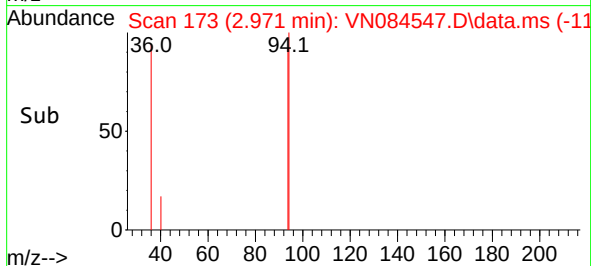
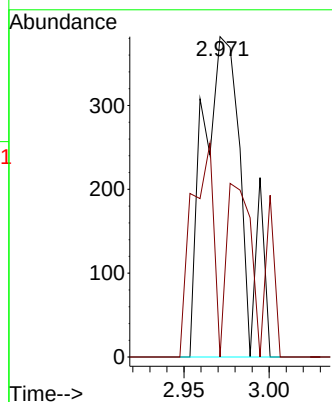
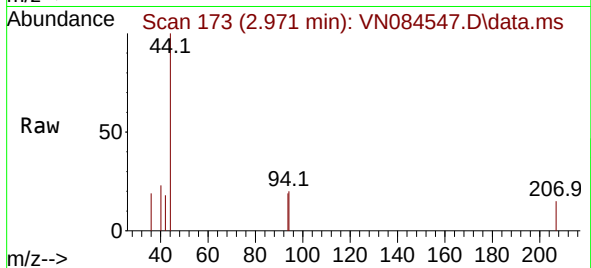




#5
Bromomethane
Concen: 0.455 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

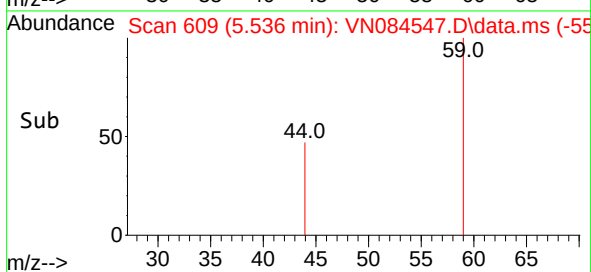
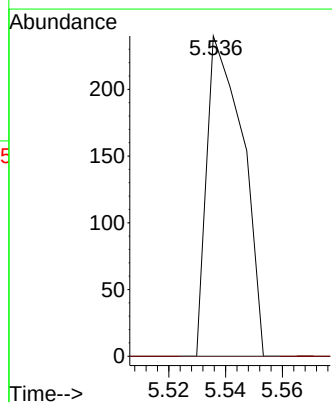
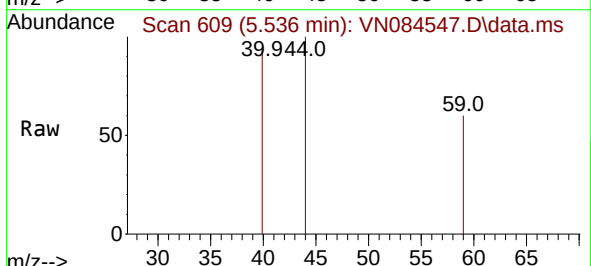
Instrument :
MSVOA_N
ClientSampleId :

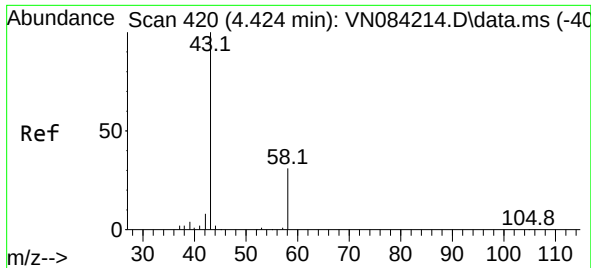
Tgt Ion: 94 Resp: 622
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#



#11
Tert butyl alcohol
Concen: 0.542 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

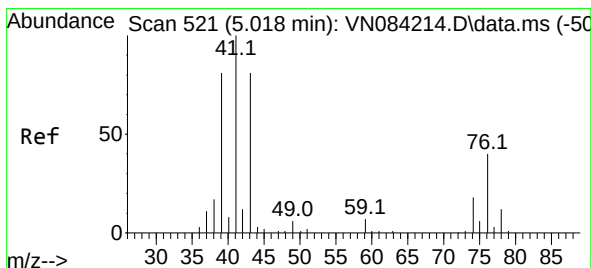
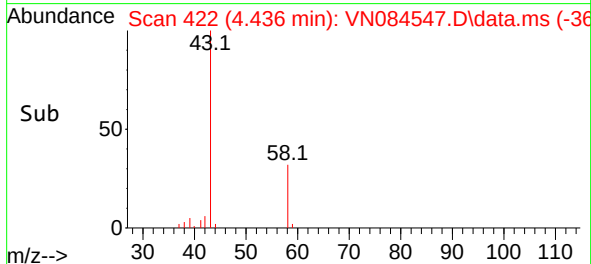
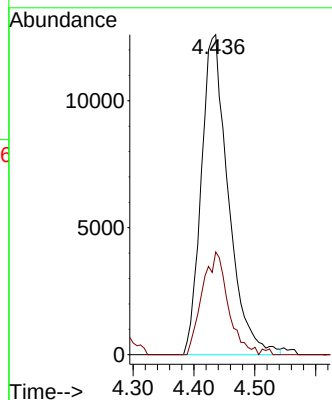
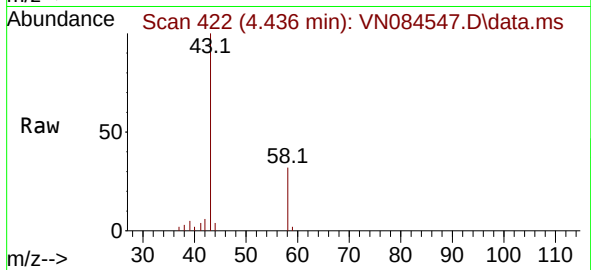




#16
Acetone
Concen: 38.471 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

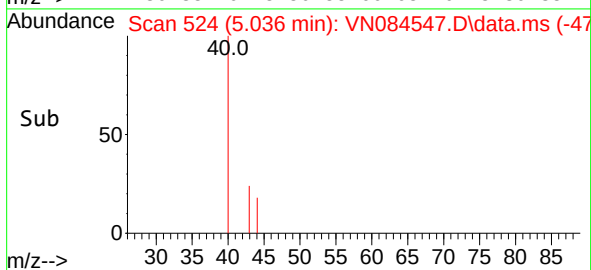
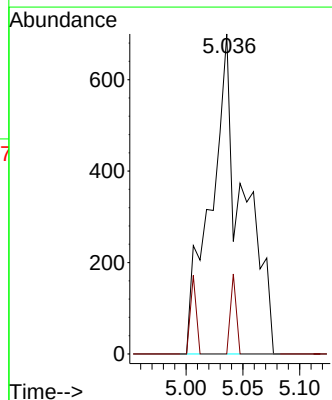
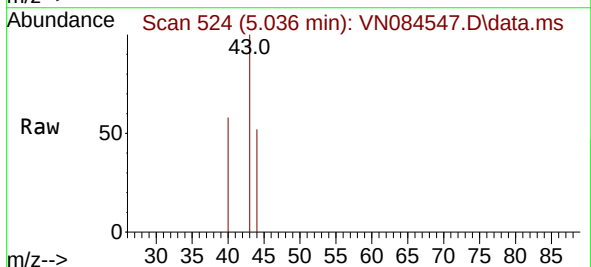
Instrument :
MSVOA_N
ClientSampleId :

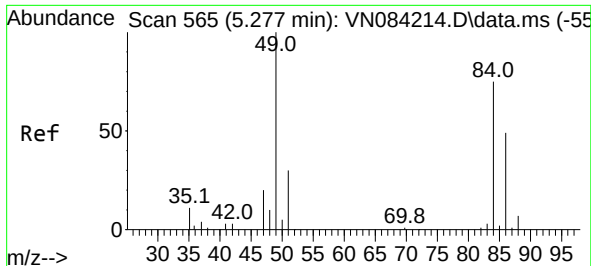
Tgt Ion: 43 Resp: 38823
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6



#18
Methyl Acetate
Concen: 0.635 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

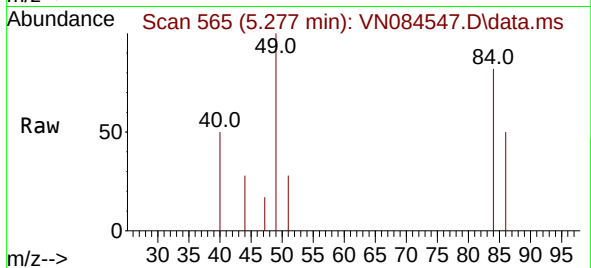
Tgt Ion: 43 Resp: 1397
Ion Ratio Lower Upper
43 100
74 4.4 19.2 28.8#



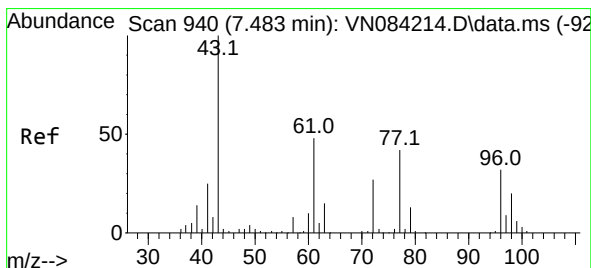
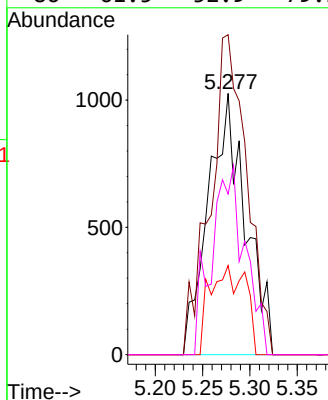
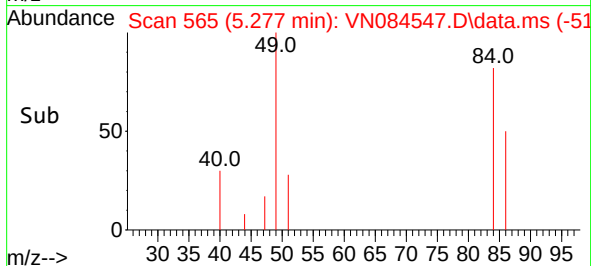


#20
Methylene Chloride
Concen: 1.371 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

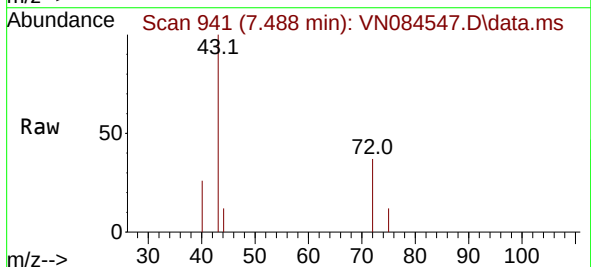
Instrument :
MSVOA_N
ClientSampleId :



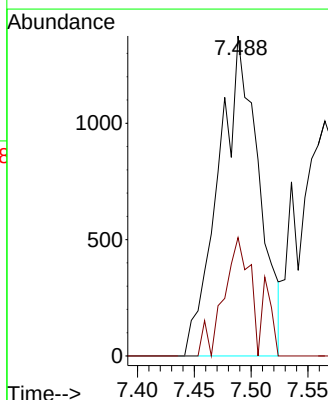
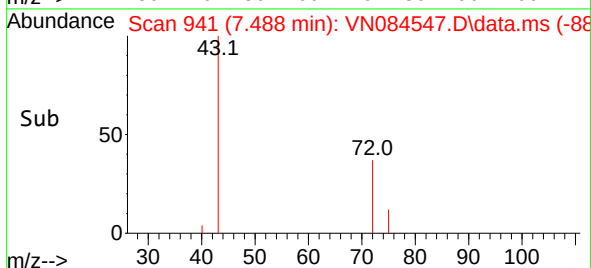
Tgt Ion: 84	Resp: 2813
Ion Ratio	Lower Upper
84 100	
49 122.5	107.2 160.8
51 34.1	31.8 47.8
86 61.5	52.9 79.3

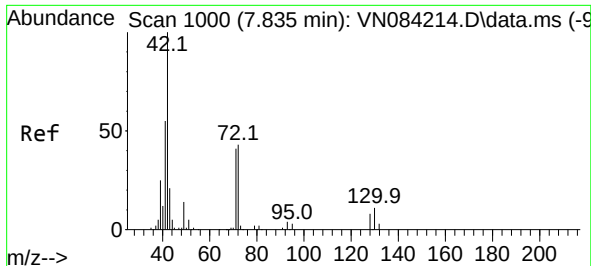


#25
2-Butanone
Concen: 2.466 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17



Tgt Ion: 43	Resp: 3389
Ion Ratio	Lower Upper
43 100	
72 37.0	21.4 32.2#





#29

Tetrahydrofuran

Concen: 0.417 ug/l

RT: 7.847 min Scan# 1065

Delta R.T. 0.012 min

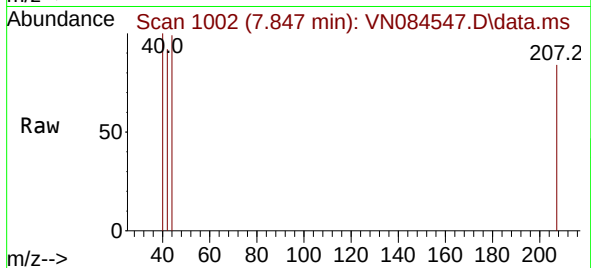
Lab File: VN084547.D

Acq: 28 Oct 2024 18:17

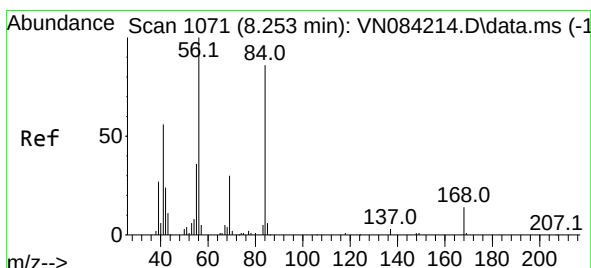
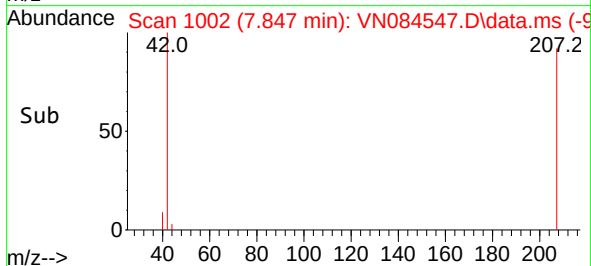
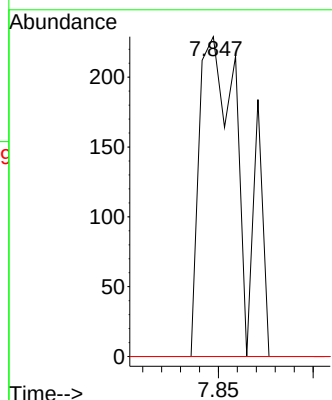
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 42	Resp: 354
Ion Ratio	Lower Upper
42	100
72	0.0 34.6 51.8#
71	0.0 32.2 48.4#



#31

Cyclohexane

Concen: 1.122 ug/l

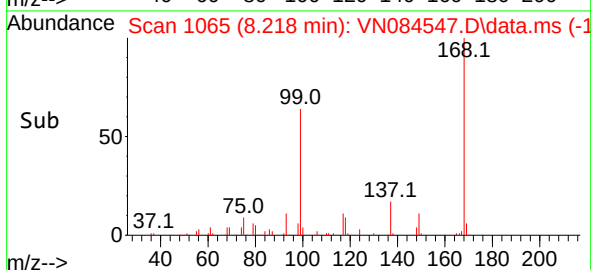
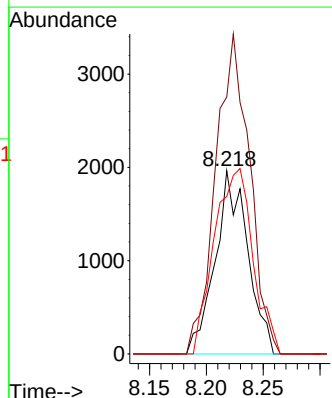
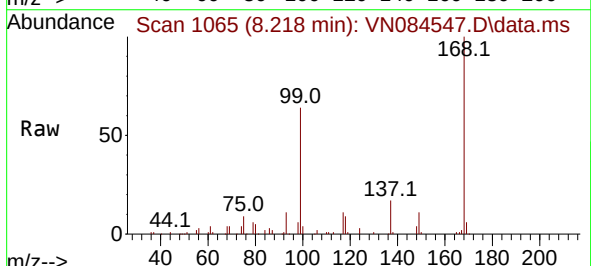
RT: 8.218 min Scan# 1065

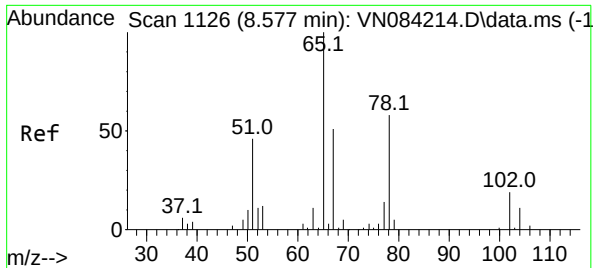
Delta R.T. -0.035 min

Lab File: VN084547.D

Acq: 28 Oct 2024 18:17

Tgt Ion: 56	Resp: 3903
Ion Ratio	Lower Upper
56	100
69	140.3 23.8 35.6#
84	85.9 68.8 103.2

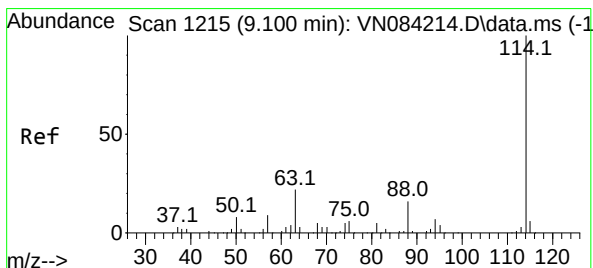
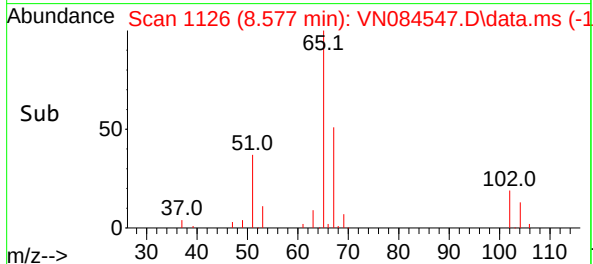
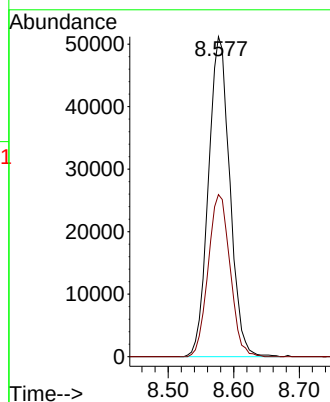
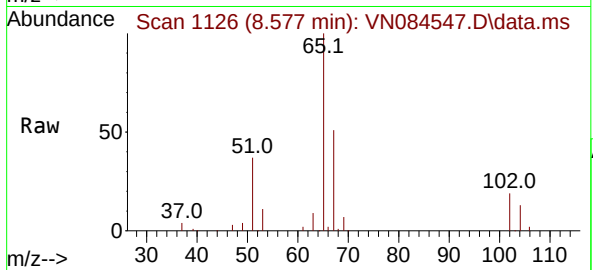




#33
 1,2-Dichloroethane-d4
 Concen: 49.319 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084547.D
 Acq: 28 Oct 2024 18:17

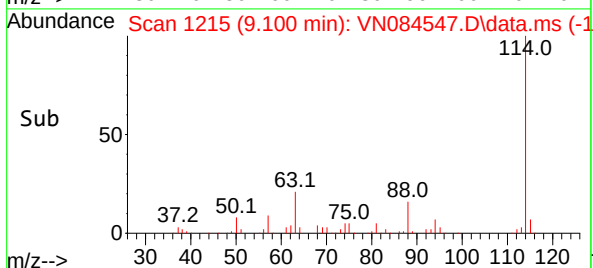
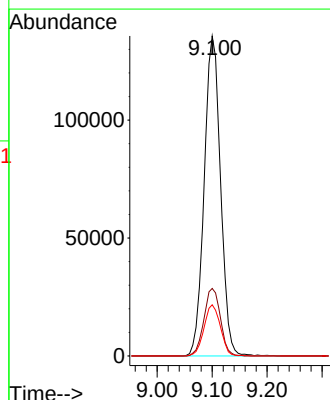
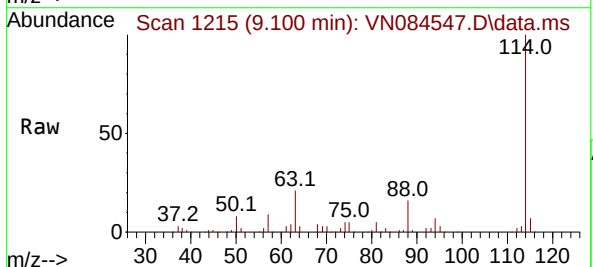
Instrument :
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 ClientSampleId :

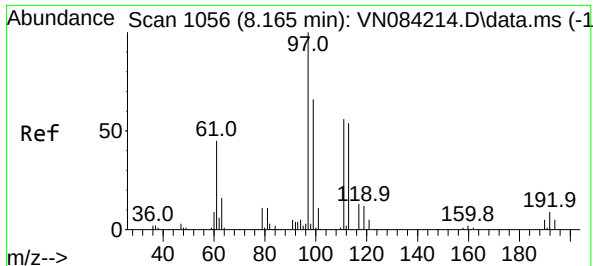
Tgt Ion: 65 Resp: 115859
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084547.D
 Acq: 28 Oct 2024 18:17

Tgt Ion: 114 Resp: 280484
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.8
 88 16.0 0.0 31.6

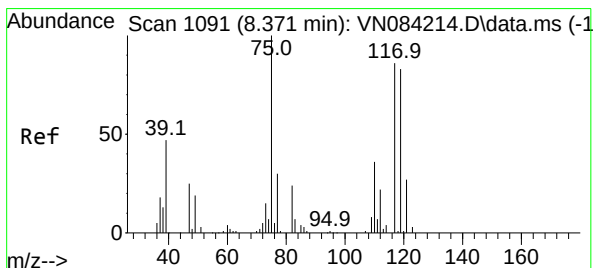
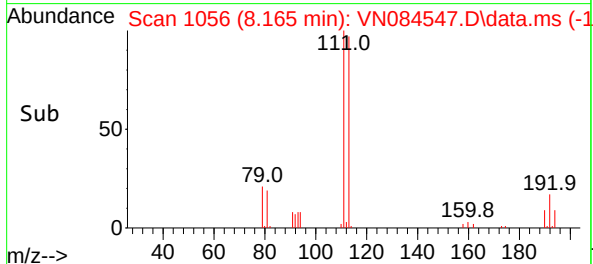
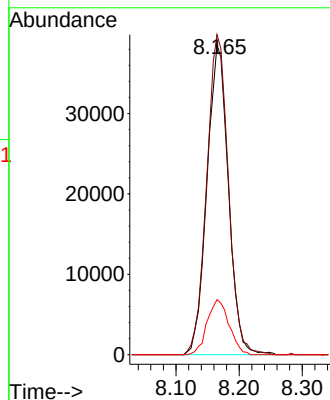
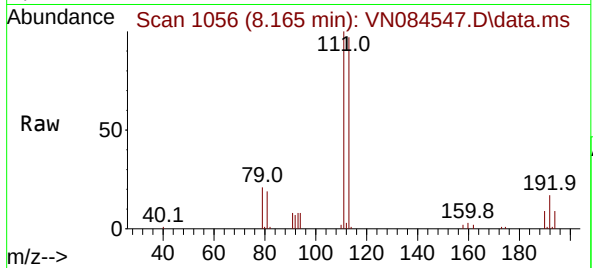




#35
Dibromofluoromethane
Concen: 49.179 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

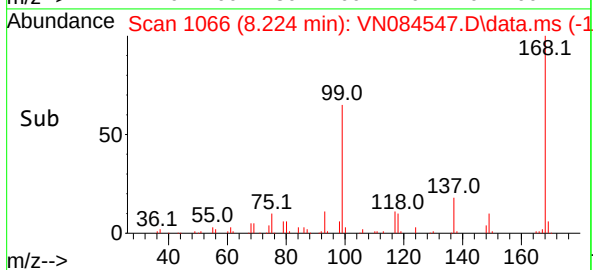
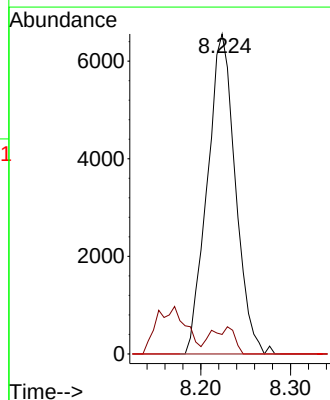
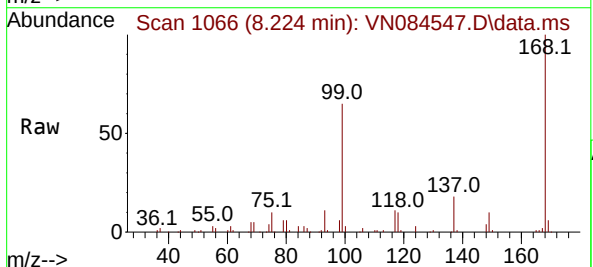
Instrument :
MSVOA_N
ClientSampleId :

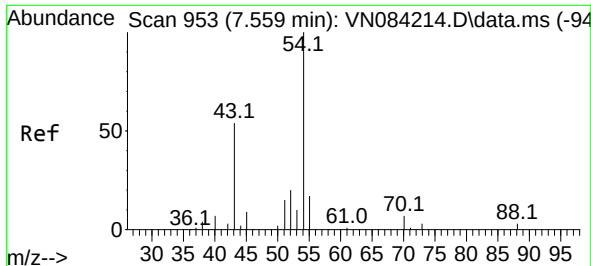
Tgt Ion:113 Resp: 90938
Ion Ratio Lower Upper
113 100
111 104.2 83.3 124.9
192 18.1 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.313 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

Tgt Ion: 75 Resp: 14270
Ion Ratio Lower Upper
75 100
110 7.0 16.9 50.7#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.031 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

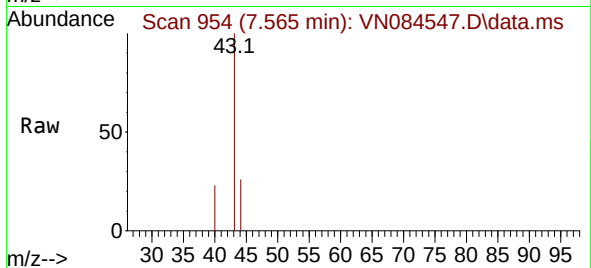
Lab File: VN084547.D

Acq: 28 Oct 2024 18:17

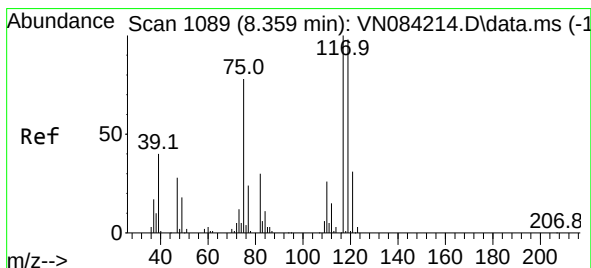
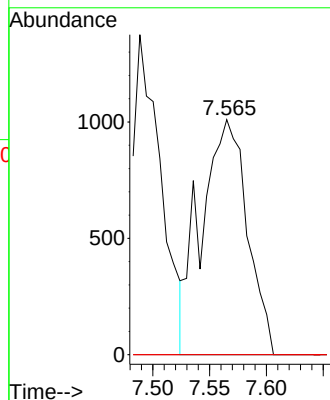
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	2841
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 5.958 ug/l

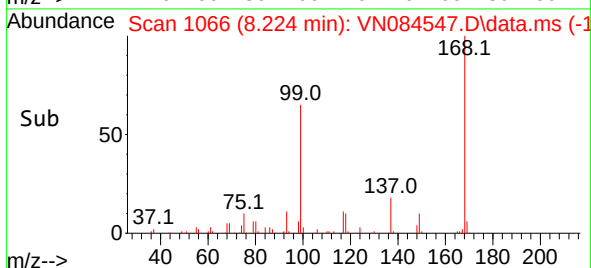
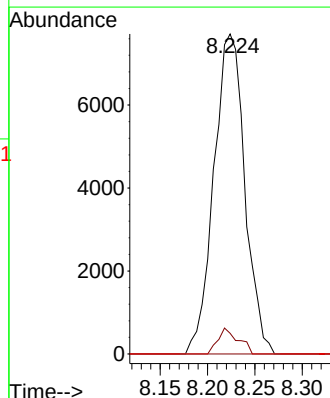
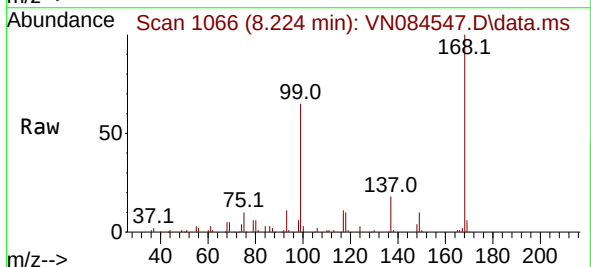
RT: 8.224 min Scan# 1066

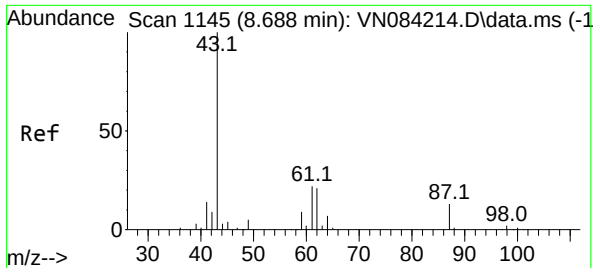
Delta R.T. -0.135 min

Lab File: VN084547.D

Acq: 28 Oct 2024 18:17

Tgt Ion:	117	Resp:	17553
Ion	Ratio	Lower	Upper
117	100		
119	6.4	78.7	118.1#
121	0.0	24.4	36.6#

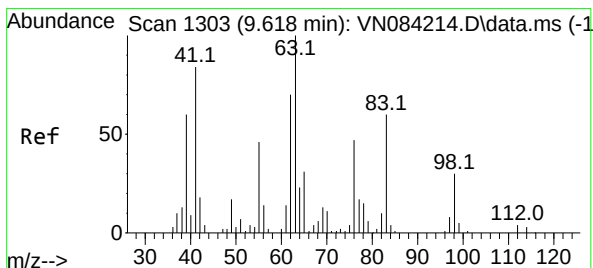
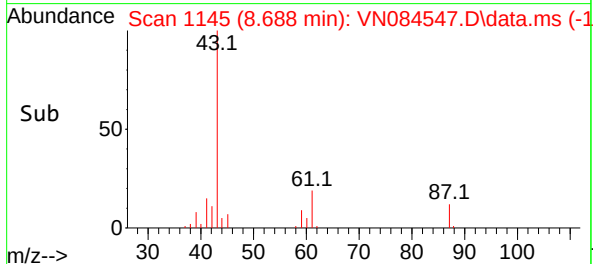
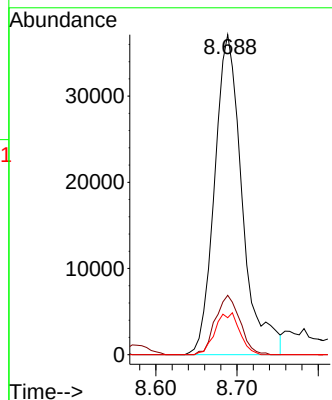
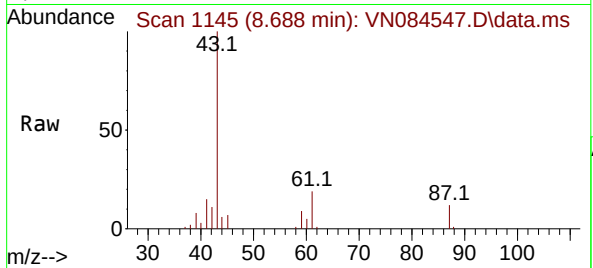




#43
Isopropyl Acetate
Concen: 16.289 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

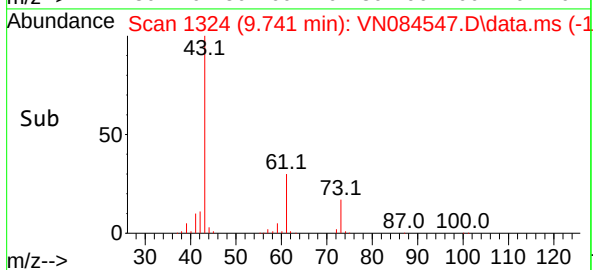
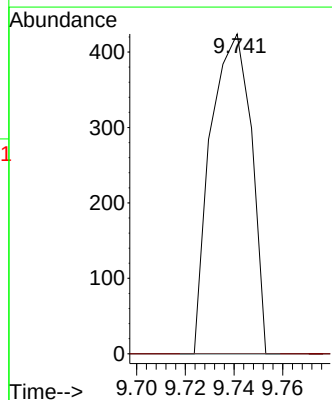
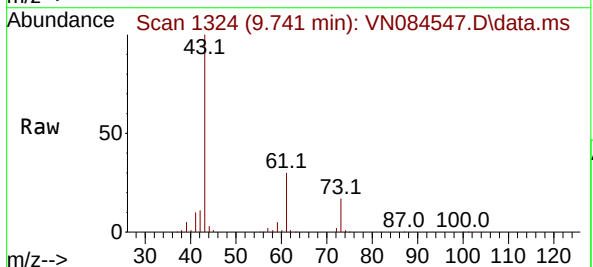
Instrument :
MSVOA_N
ClientSampleId :

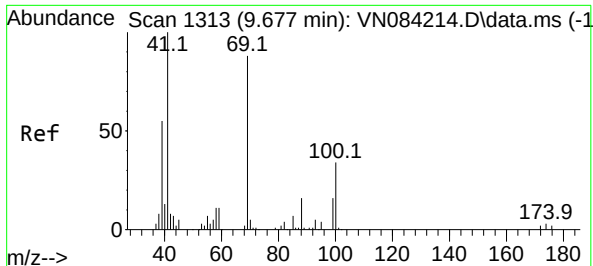
Tgt Ion: 43 Resp: 87918
Ion Ratio Lower Upper
43 100
61 16.5 20.4 30.6#
87 11.7 10.3 15.5



#45
1,2-Dichloropropane
Concen: 0.248 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.124 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

Tgt Ion: 63 Resp: 491
Ion Ratio Lower Upper
63 100
65 0.0 24.6 37.0#





#48

Methyl methacrylate

Concen: 1.410 ug/l

RT: 9.665 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN084547.D

Acq: 28 Oct 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :

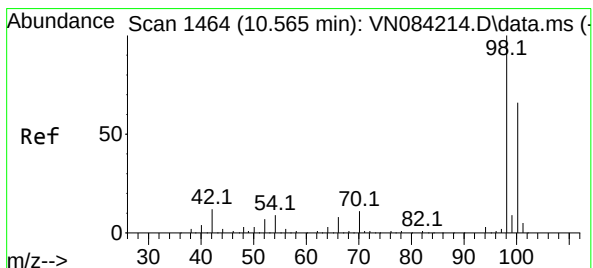
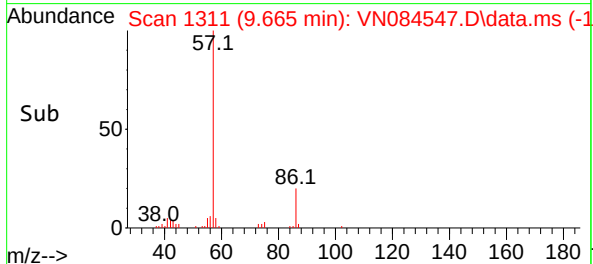
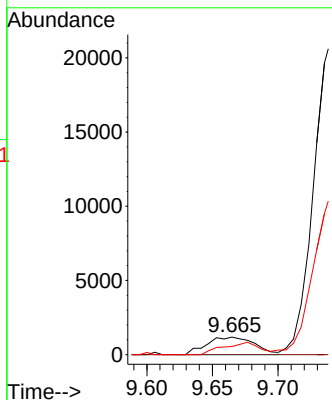
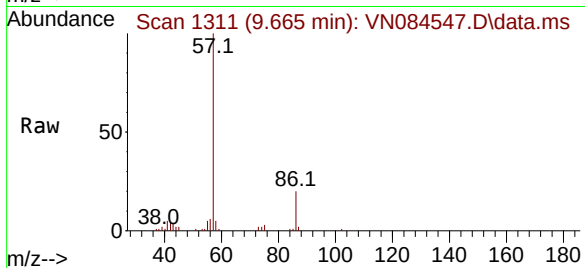
Tgt Ion: 41 Resp: 3029

Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

39 52.8 45.8 68.6



#50

Toluene-d8

Concen: 51.906 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084547.D

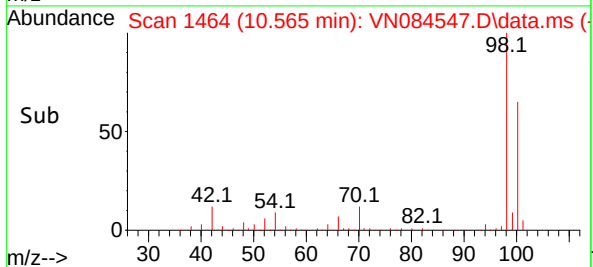
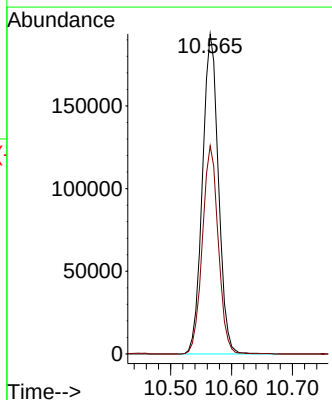
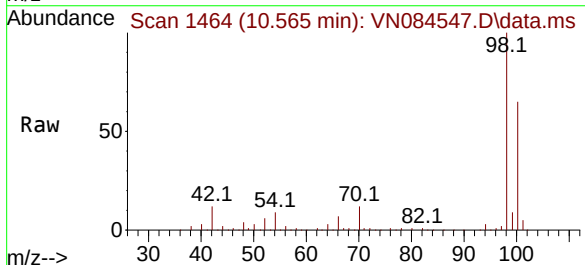
Acq: 28 Oct 2024 18:17

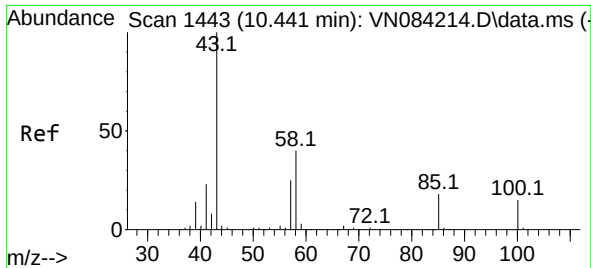
Tgt Ion: 98 Resp: 353124

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1

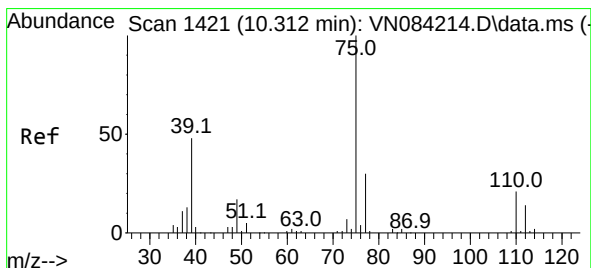
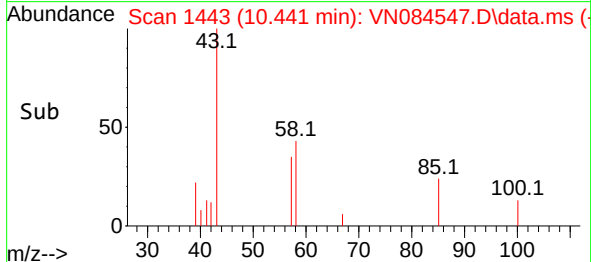
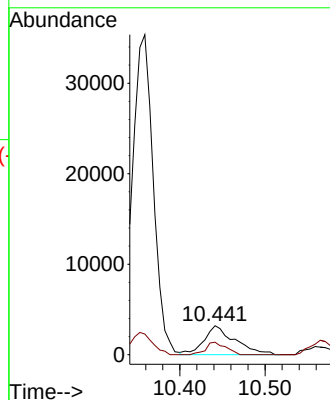
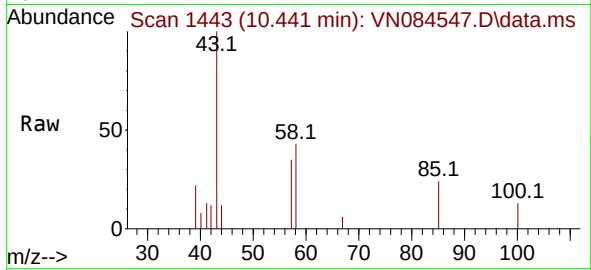




#51
4-Methyl-2-Pentanone
Concen: 3.060 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

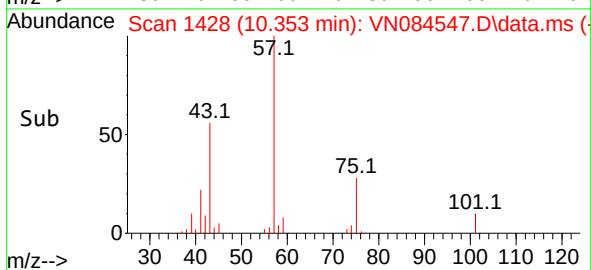
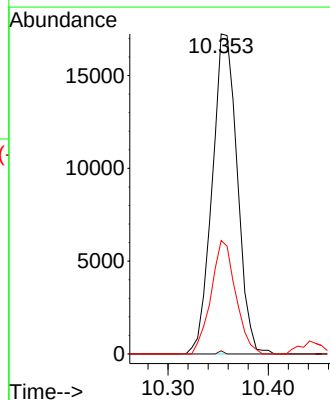
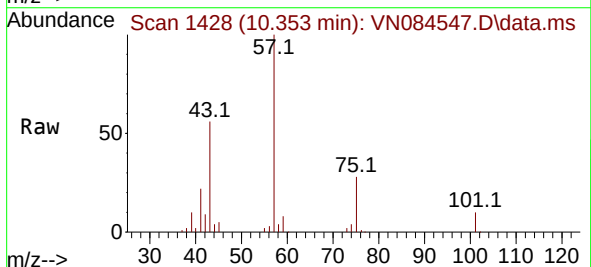
Instrument :
MSVOA_N
ClientSampleId :

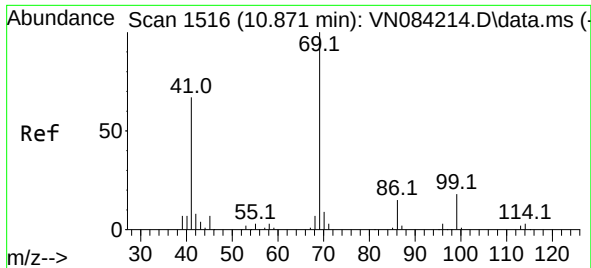
Tgt Ion: 43 Resp: 8028
Ion Ratio Lower Upper
43 100
58 27.9 31.6 47.4#



#54
cis-1,3-Dichloropropene
Concen: 9.210 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.041 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

Tgt Ion: 75 Resp: 29972
Ion Ratio Lower Upper
75 100
77 1.0 24.2 36.2#
39 35.4 38.7 58.1#

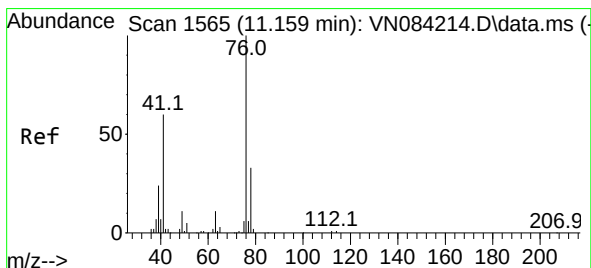
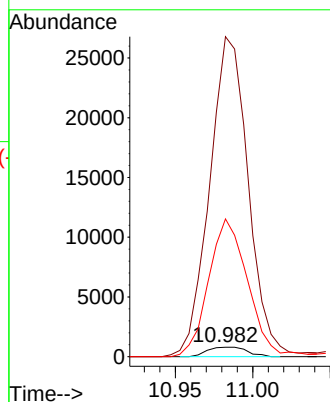
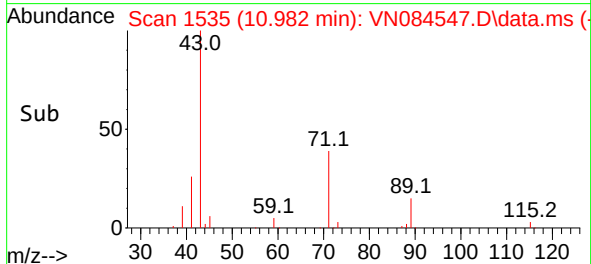
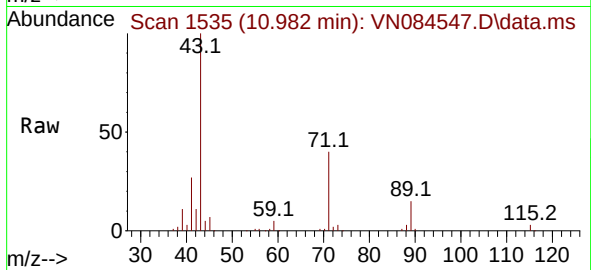




#56
Ethyl methacrylate
Concen: 0.473 ug/l
RT: 10.982 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

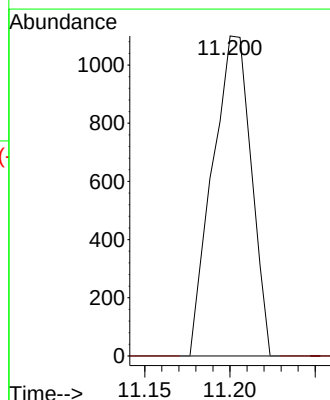
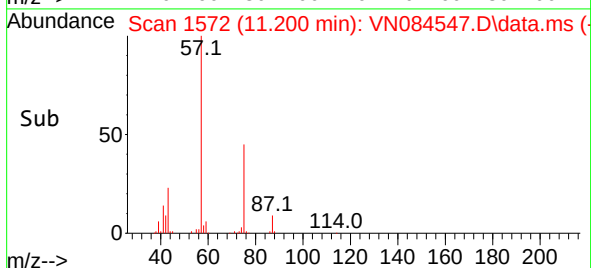
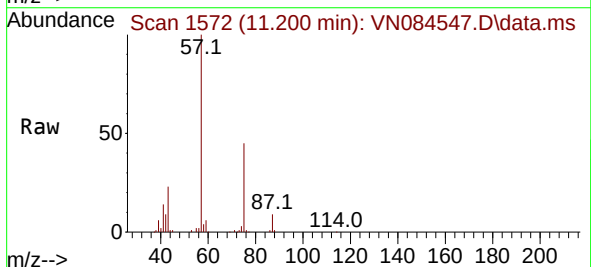
Instrument :
MSVOA_N
ClientSampleId :

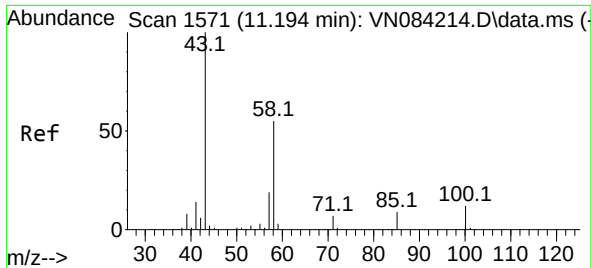
Tgt Ion: 69 Resp: 1424
Ion Ratio Lower Upper
69 100
41 3267.7 53.3 79.9#
39 1418.4 28.8 43.2#



#57
1,3-Dichloropropane
Concen: 0.533 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

Tgt Ion: 76 Resp: 1741
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

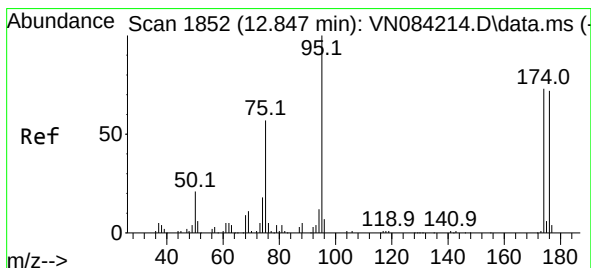
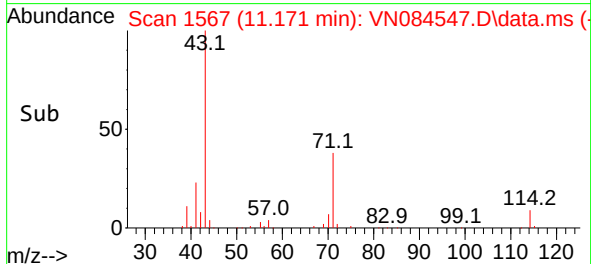
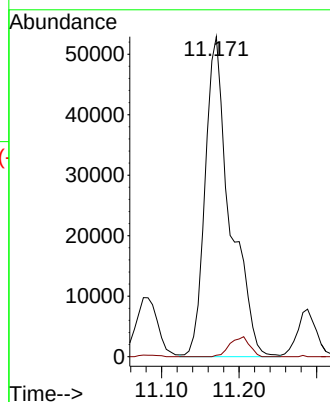
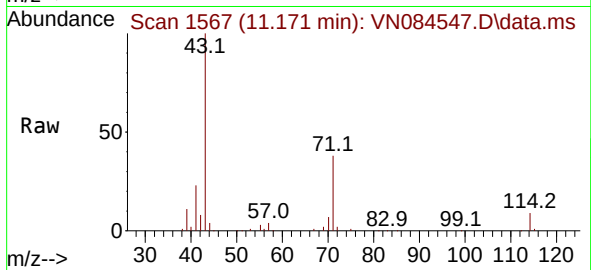




#59
2-Hexanone
Concen: 60.344 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

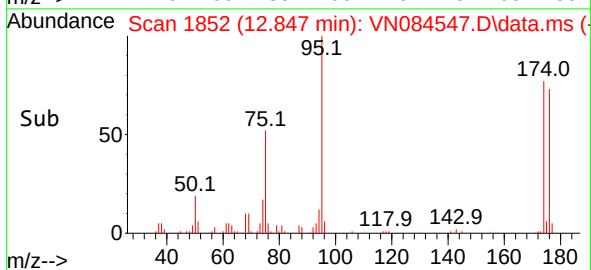
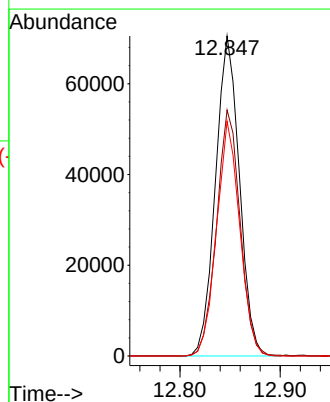
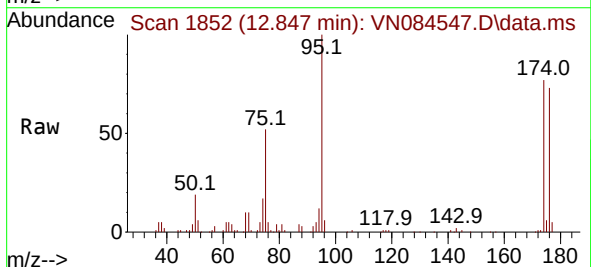
Instrument :
MSVOA_N
ClientSampleId :

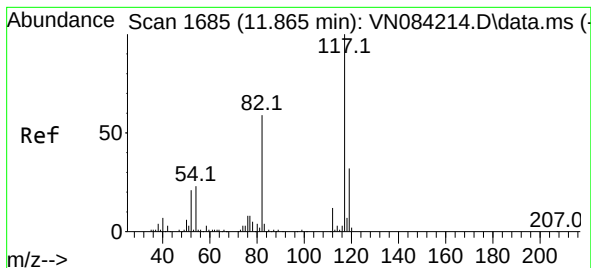
Tgt Ion: 43 Resp: 118309
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 47.017 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

Tgt Ion: 95 Resp: 116528
Ion Ratio Lower Upper
95 100
174 75.8 0.0 145.2
176 71.4 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

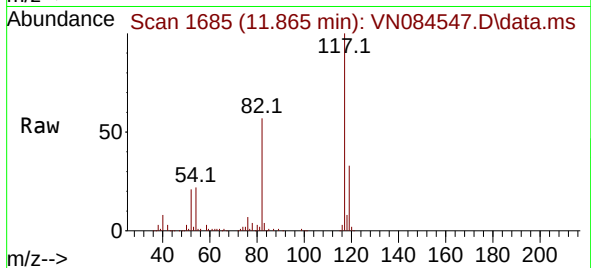
Lab File: VN084547.D

Acq: 28 Oct 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :



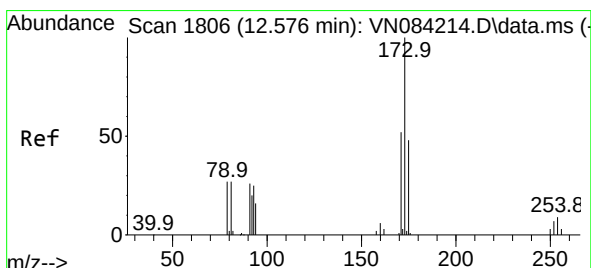
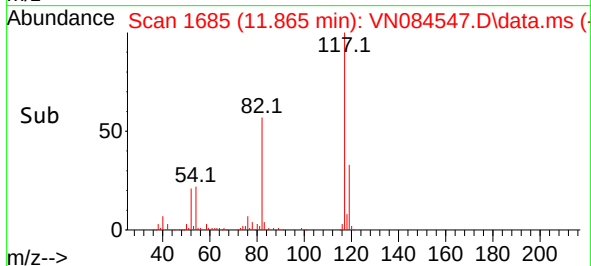
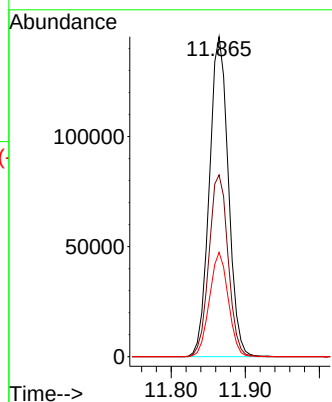
Tgt Ion:117 Resp: 259107

Ion Ratio Lower Upper

117 100

82 56.8 47.2 70.8

119 32.6 25.4 38.0



#71

Bromoform

Concen: 0.394 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN084547.D

Acq: 28 Oct 2024 18:17

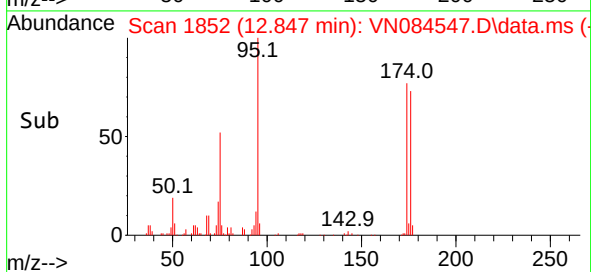
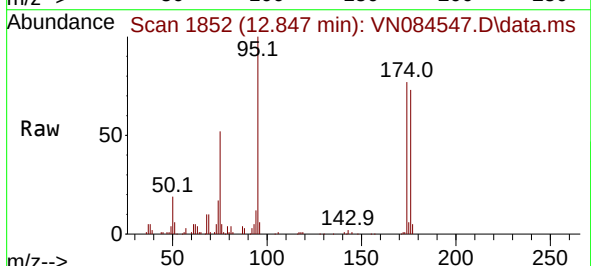
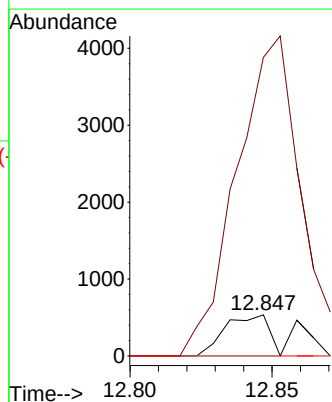
Tgt Ion:173 Resp: 574

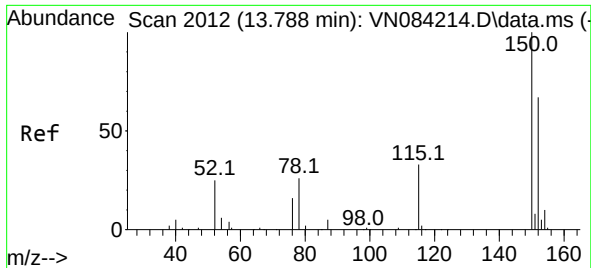
Ion Ratio Lower Upper

173 100

175 0.0 23.5 70.6#

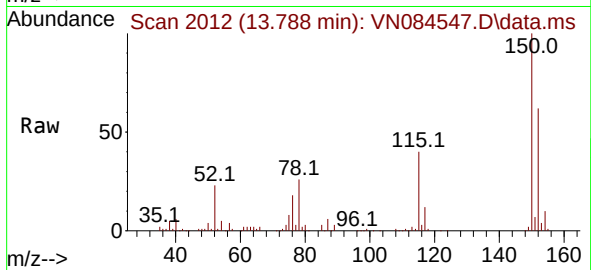
254 0.0 0.0 0.0



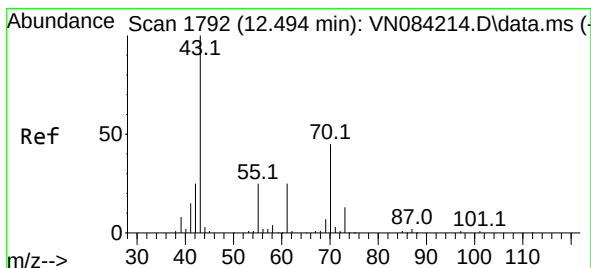
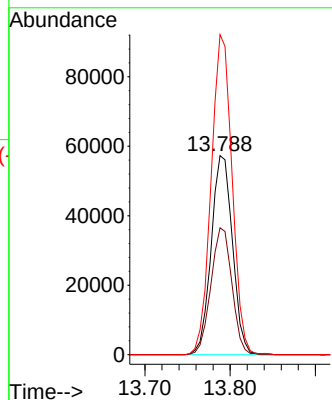
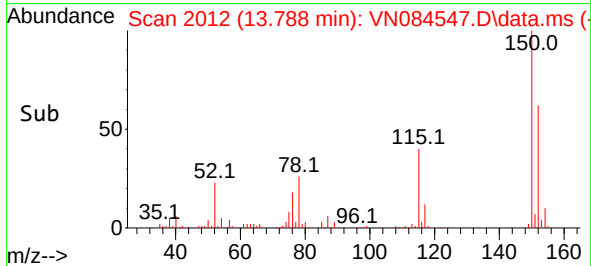


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084547.D
 Acq: 28 Oct 2024 18:17

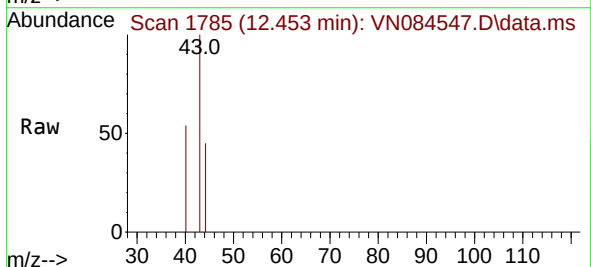
Instrument :
 MSVOA_N
 ClientSampleId :



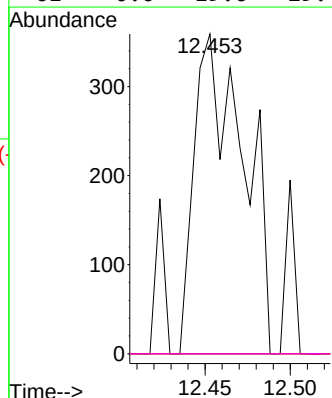
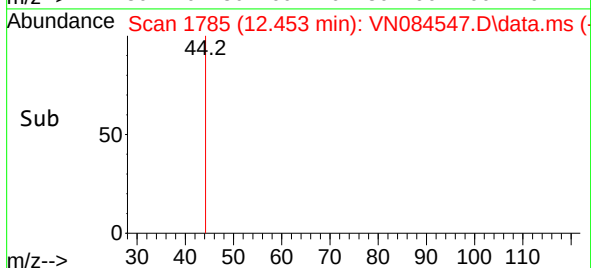
Tgt Ion:152 Resp: 99602
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.3 93.9
 150 157.7 0.0 349.8

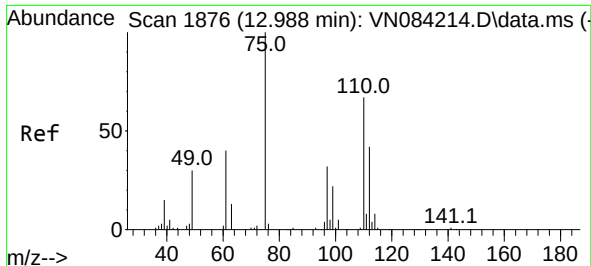


#74
 N-ethyl acetate
 Concen: 0.210 ug/l
 RT: 12.453 min Scan# 1785
 Delta R.T. -0.041 min
 Lab File: VN084547.D
 Acq: 28 Oct 2024 18:17



Tgt Ion: 43 Resp: 723
 Ion Ratio Lower Upper
 43 100
 70 0.0 34.4 51.6#
 55 0.0 19.6 29.4#
 61 0.0 19.6 29.4#

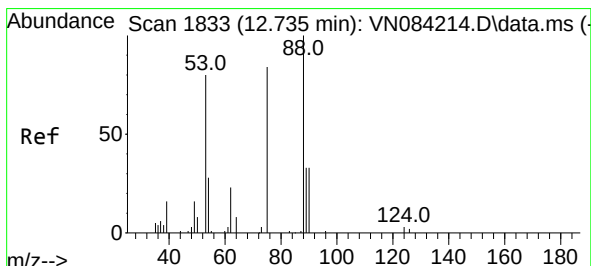
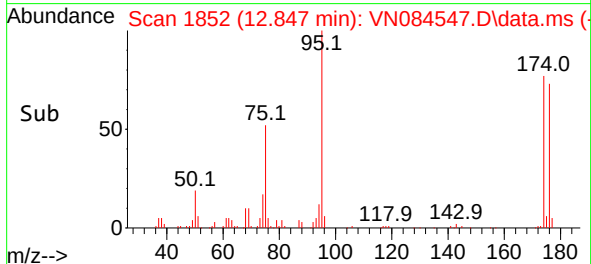
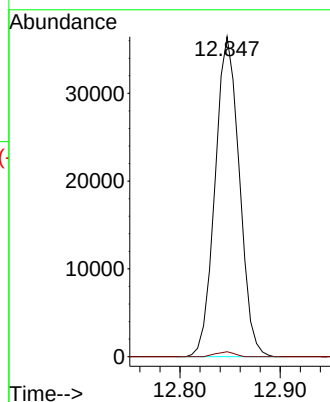
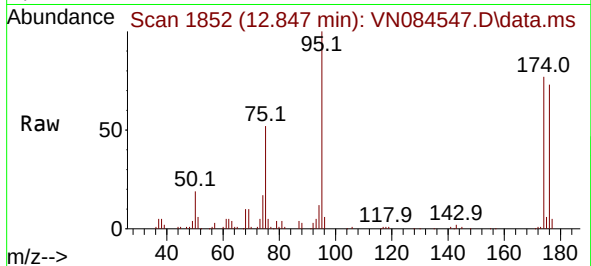




#76
1,2,3-Trichloropropane
Concen: 30.182 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 61373
Ion Ratio Lower Upper
75 100
77 1.2 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.361 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084547.D
Acq: 28 Oct 2024 18:17

Tgt Ion: 75 Resp: 61373
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

