

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085162.D
 Acq On : 10 Dec 2024 13:29
 Operator : JC\MD
 Sample : P5196-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 04:14:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

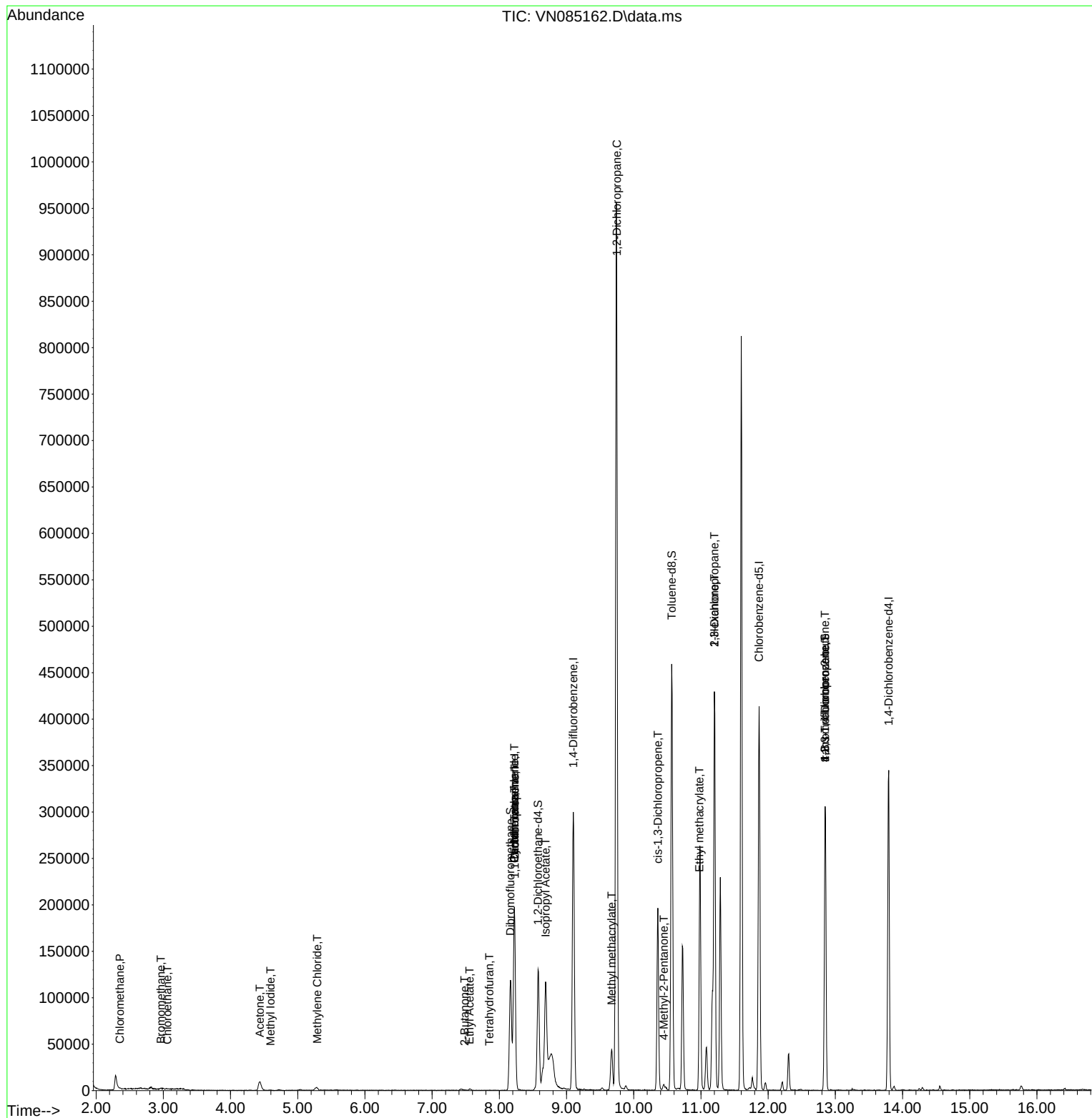
Internal Standards						
1) Pentafluorobenzene	8.224	168	138690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106715	54.018	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.040%		
35) Dibromofluoromethane	8.165	113	84518	48.864	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.720%		
50) Toluene-d8	10.565	98	317381	51.201	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.400%		
62) 4-Bromofluorobenzene	12.847	95	106736	46.044	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.080%		
Target Compounds						Qvalue
3) Chloromethane	2.354	50	464	0.255	ug/l #	40
5) Bromomethane	2.965	94	538	0.587	ug/l	94
6) Chloroethane	3.059	64	398	0.361	ug/l #	44
10) Methyl Iodide	4.595	142	701	0.336	ug/l #	86
16) Acetone	4.436	43	18559	32.257	ug/l	99
18) Methyl Acetate	5.024	43	812	Below Cal	#	50
20) Methylene Chloride	5.289	84	2340	1.333	ug/l #	62
25) 2-Butanone	7.483	43	444	0.472	ug/l #	48
29) Tetrahydrofuran	7.853	42	144	0.246	ug/l #	31
31) Cyclohexane	8.224	56	3107	1.181	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	12047	5.142	ug/l #	50
37) Ethyl Acetate	7.559	43	2629	1.234	ug/l #	76
38) Carbon Tetrachloride	8.224	117	15313	5.662	ug/l #	17
43) Isopropyl Acetate	8.688	43	150159	33.941	ug/l #	82
45) 1,2-Dichloropropane	9.747	63	996	0.546	ug/l #	45
48) Methyl methacrylate	9.671	41	2652	1.611	ug/l #	41
51) 4-Methyl-2-Pentanone	10.447	43	7753	3.837	ug/l #	73
54) cis-1,3-Dichloropropene	10.359	75	34881	12.201	ug/l #	64
56) Ethyl methacrylate	10.977	69	1370	0.574	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4619	1.606	ug/l #	42
59) 2-Hexanone	11.200	43	52916	35.013	ug/l #	54
76) 1,2,3-Trichloropropane	12.847	75	56094	33.358	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56094	73.640	ug/l #	10

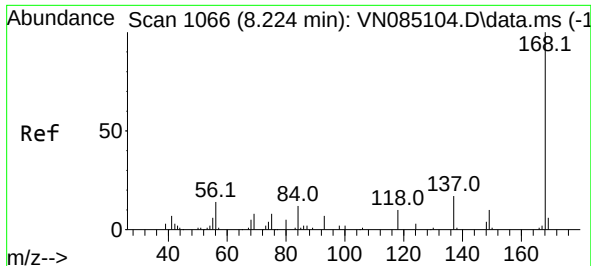
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
Data File : VN085162.D
Acq On : 10 Dec 2024 13:29
Operator : JC\MD
Sample : P5196-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

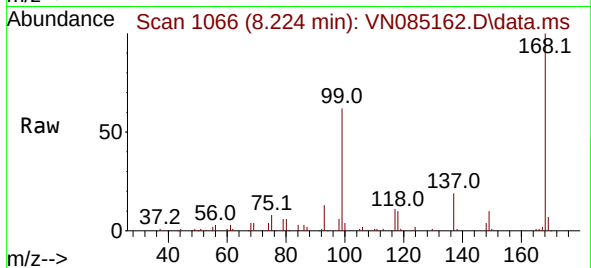
Quant Time: Dec 11 04:14:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



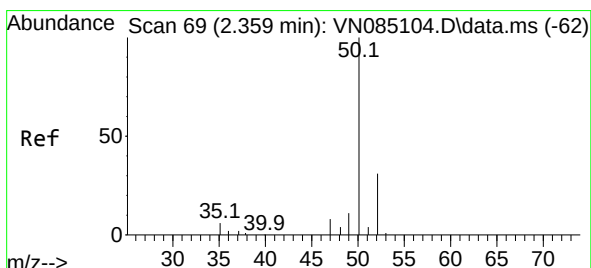
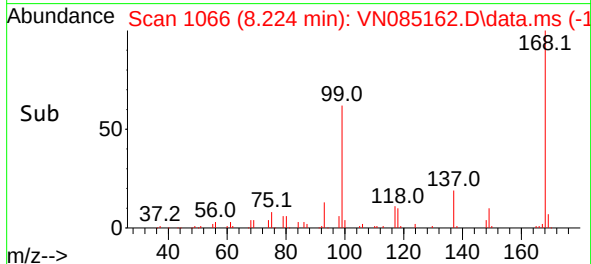
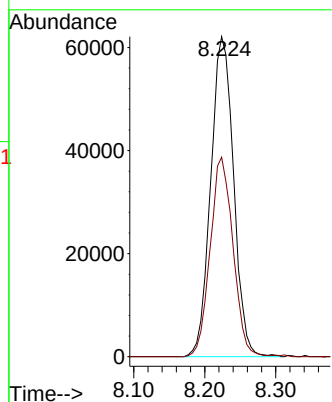


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

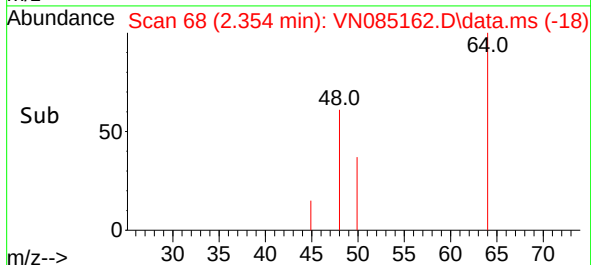
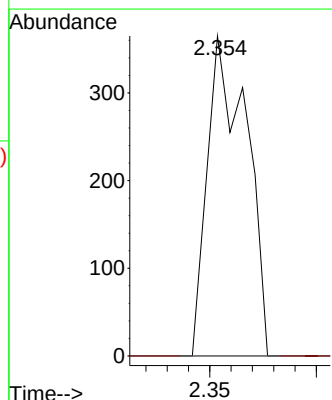
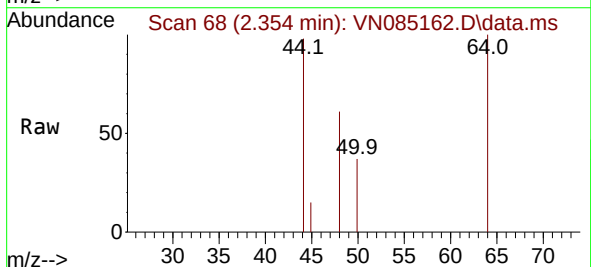


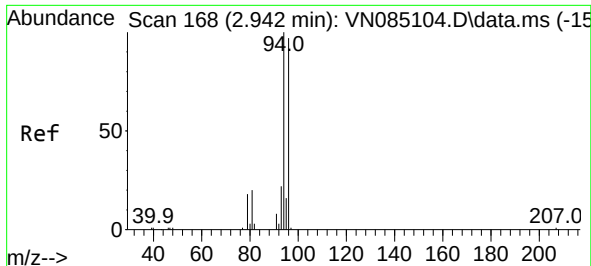
Tgt Ion:168 Resp: 138690
Ion Ratio Lower Upper
168 100
99 62.4 51.2 76.8



#3
Chloromethane
Concen: 0.255 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Tgt Ion: 50 Resp: 464
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

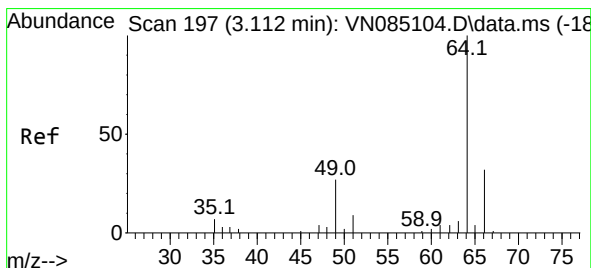
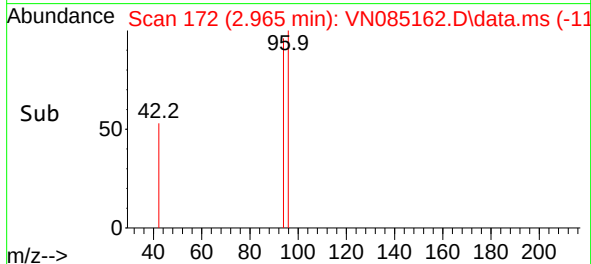
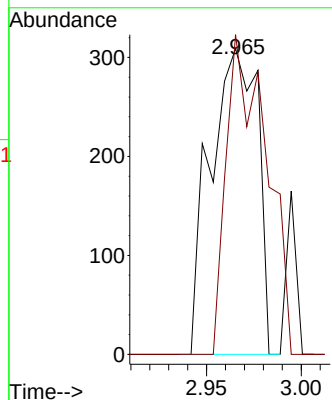
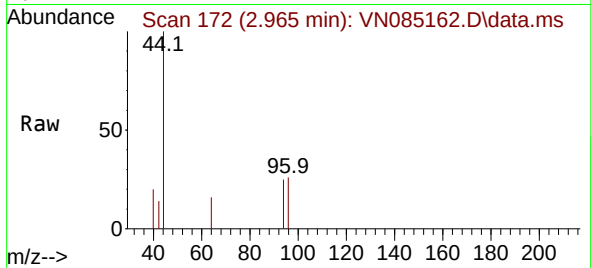




#5
Bromomethane
Concen: 0.587 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

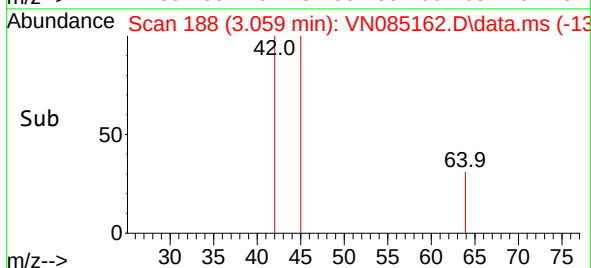
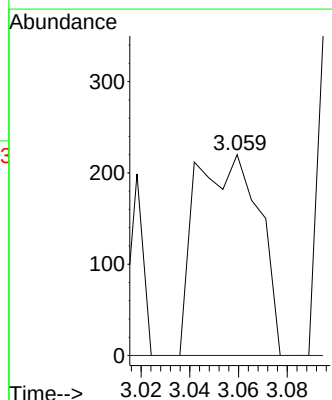
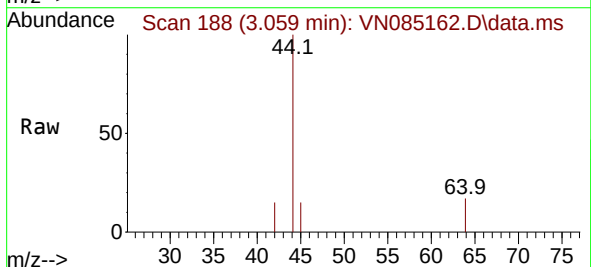
Instrument :
MSVOA_N
ClientSampleId :

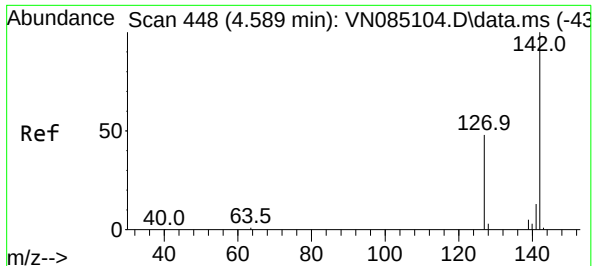
Tgt Ion: 94 Resp: 538
Ion Ratio Lower Upper
94 100
96 104.5 78.7 118.1



#6
Chloroethane
Concen: 0.361 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.006 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

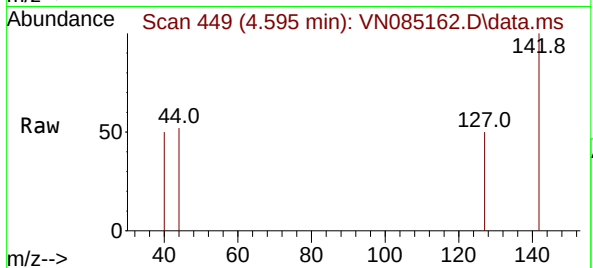
Tgt Ion: 64 Resp: 398
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



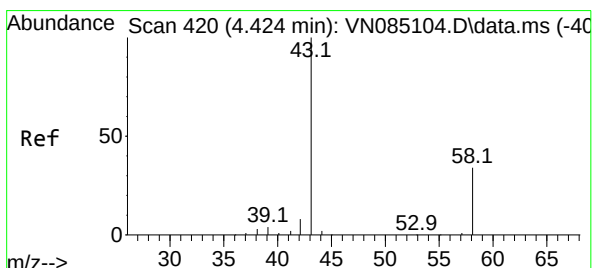
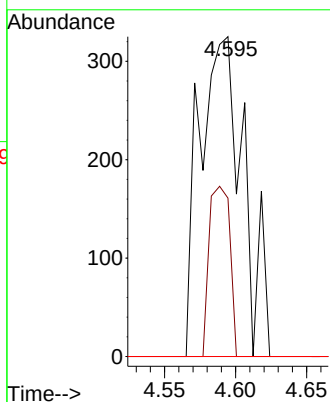
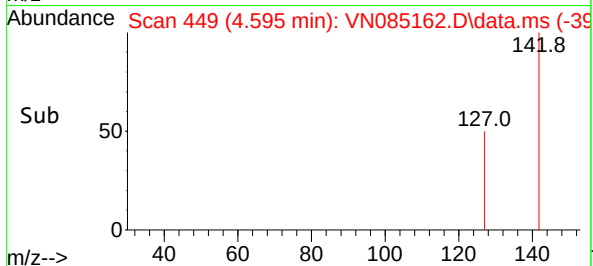


#10
Methyl Iodide
Concen: 0.336 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.024 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

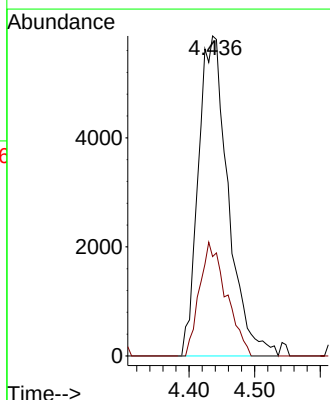
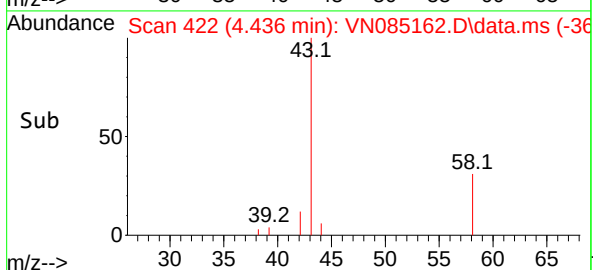
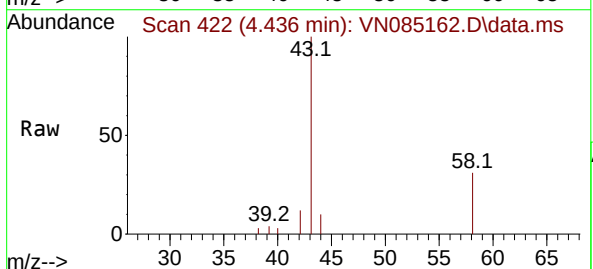


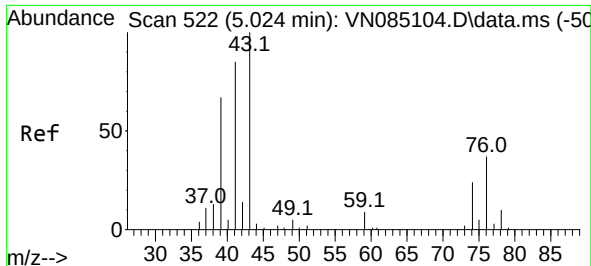
Tgt Ion:142 Resp: 701
Ion Ratio Lower Upper
142 100
127 49.5 36.6 54.8
141 0.0 12.2 18.4#



#16
Acetone
Concen: 32.257 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Tgt Ion: 43 Resp: 18559
Ion Ratio Lower Upper
43 100
58 31.0 25.4 38.2

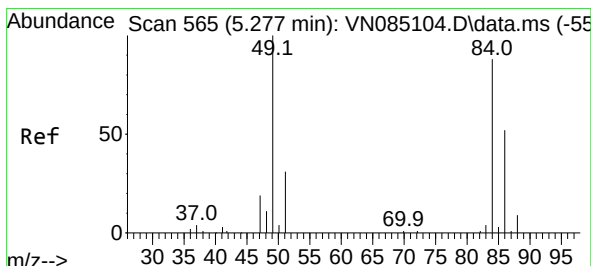
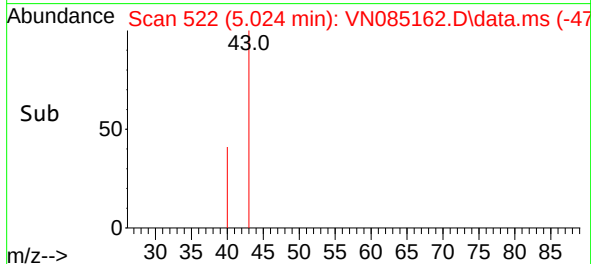
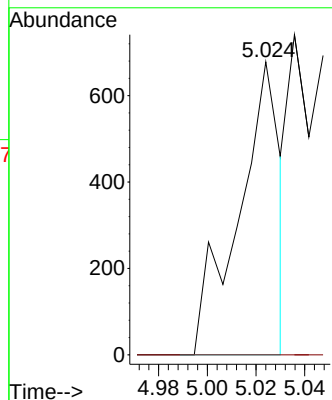
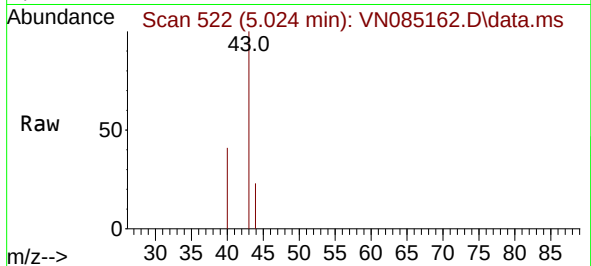




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

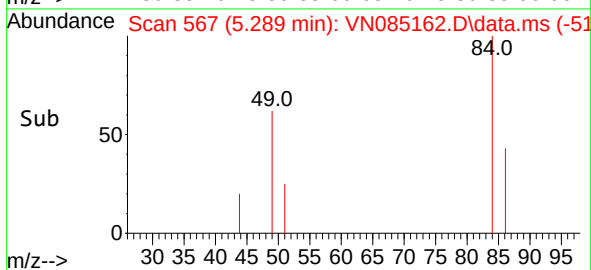
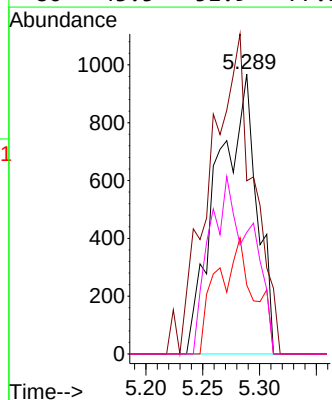
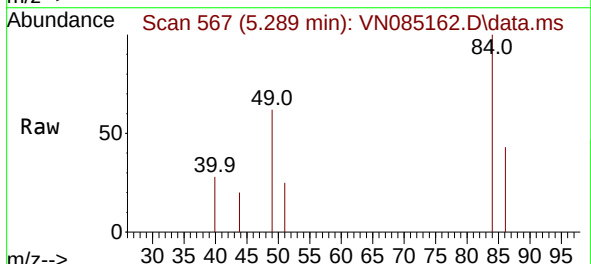
Instrument :
MSVOA_N
ClientSampleId :

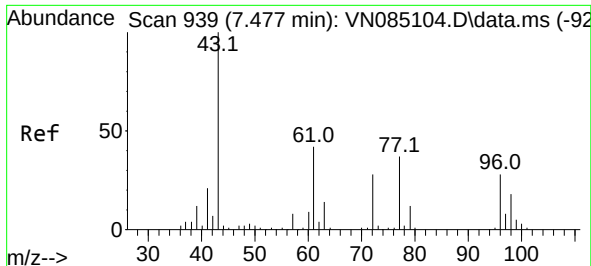
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: 1.333 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.024 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Tgt Ion: 84 Resp: 2340
Ion Ratio Lower Upper
84 100
49 61.9 92.7 139.1#
51 24.7 29.4 44.2#
86 43.5 51.9 77.9#

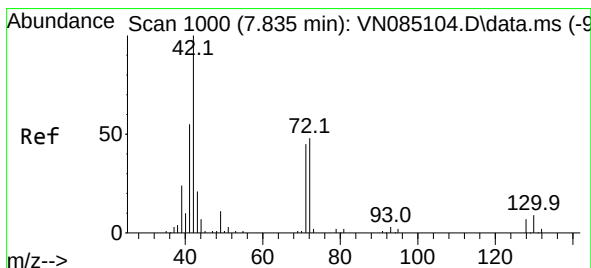
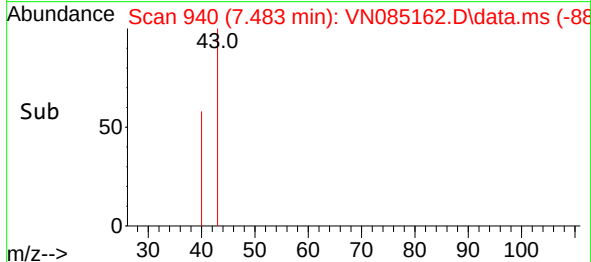
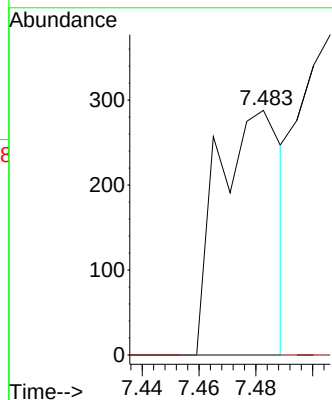
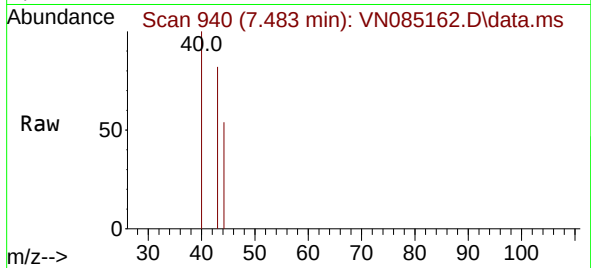




#25
2-Butanone
Concen: 0.472 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

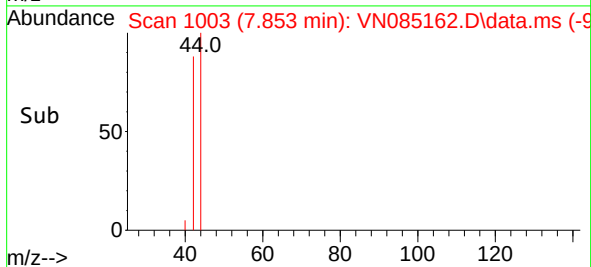
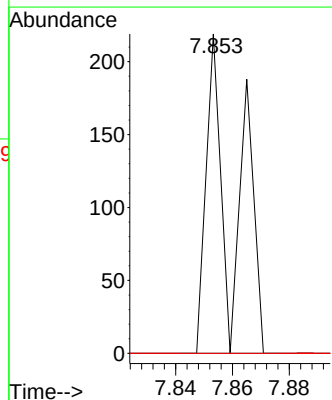
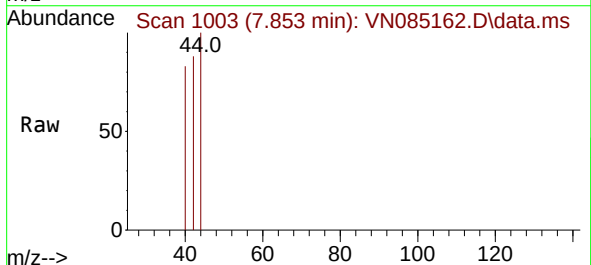
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MSVOA_N
ClientSampleId :

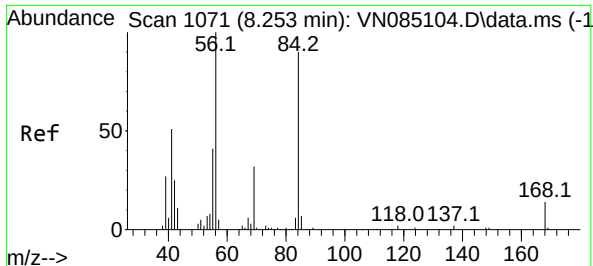
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#29
Tetrahydrofuran
Concen: 0.246 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

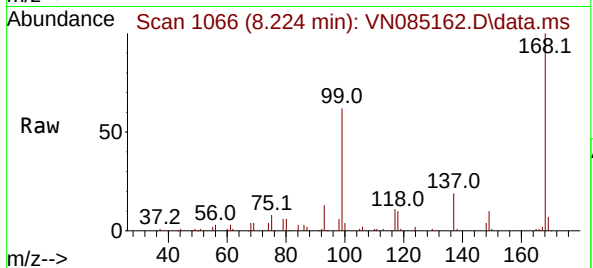
Tgt Ion: 42 Resp: 144
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.4#
71 0.0 35.0 52.4#



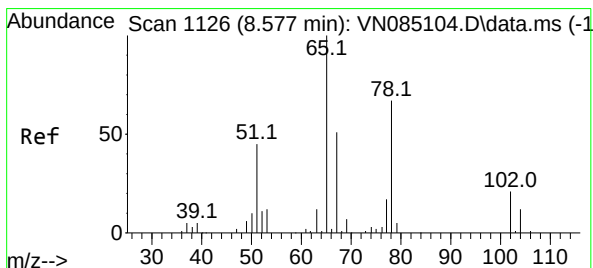
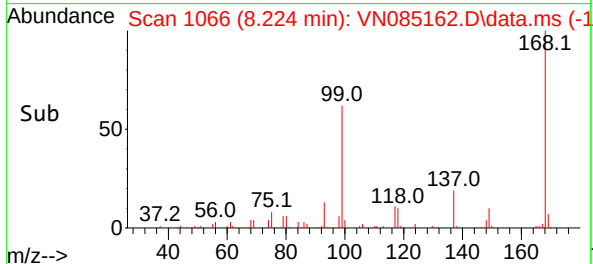
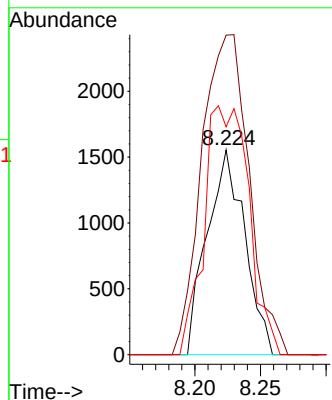


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :

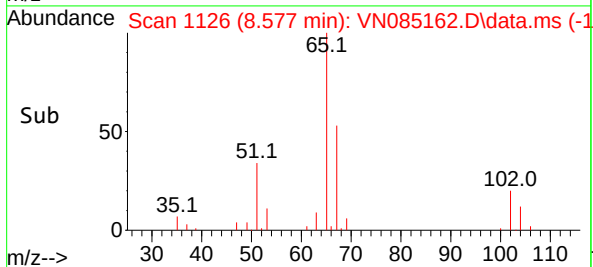
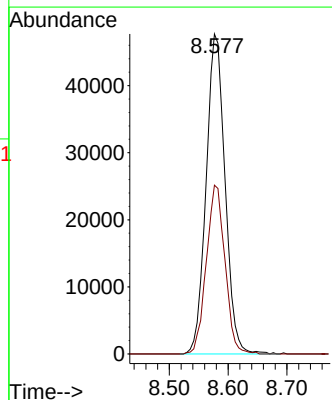
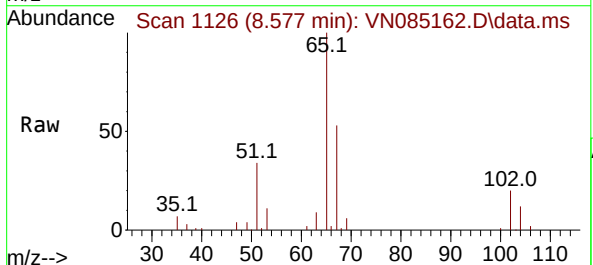


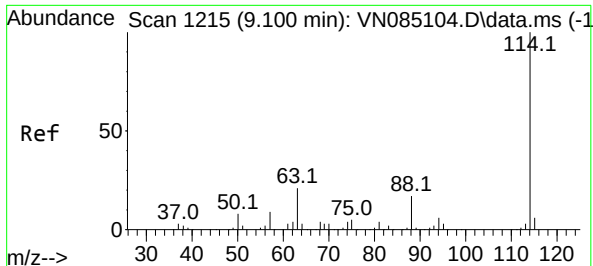
Tgt Ion: 56 Resp: 3107
Ion Ratio Lower Upper
56 100
69 145.7 24.6 36.8#
84 111.3 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 54.018 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Tgt Ion: 65 Resp: 106715
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

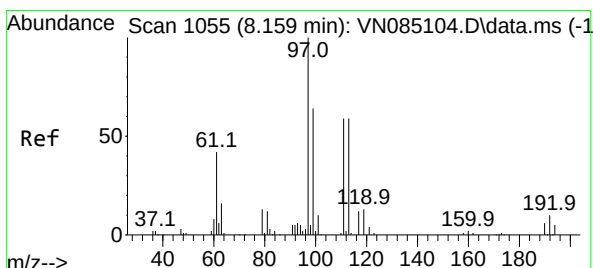
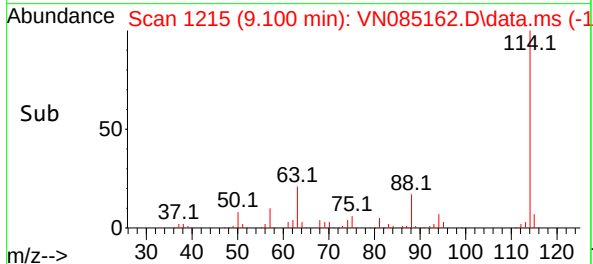
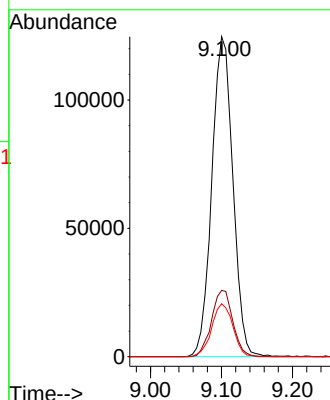
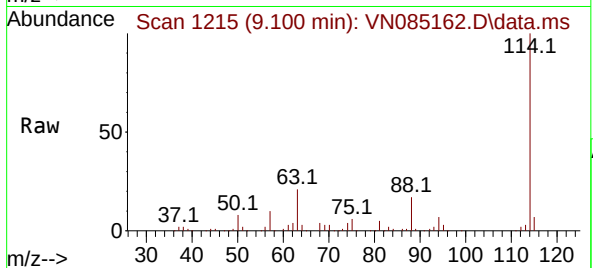




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

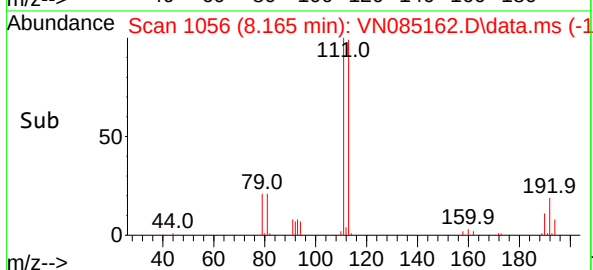
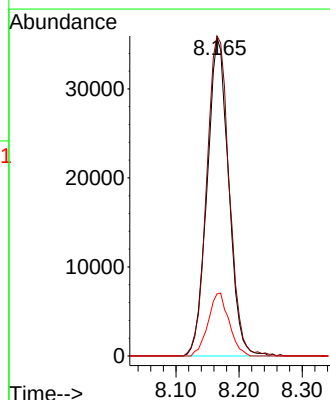
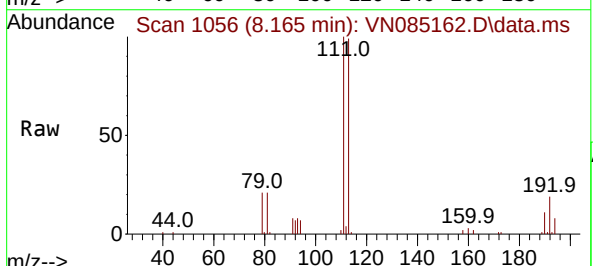
Instrument :
MSVOA_N
ClientSampleId :

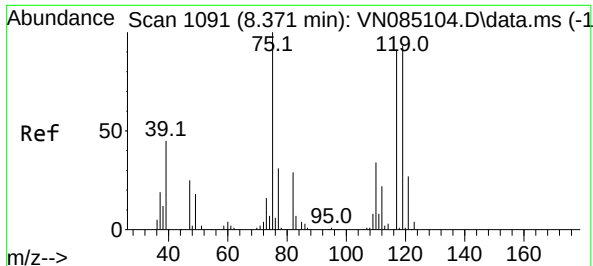
Tgt Ion:114 Resp: 256488
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.0
88 16.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.864 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Tgt Ion:113 Resp: 84518
Ion Ratio Lower Upper
113 100
111 104.8 82.0 123.0
192 19.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.142 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

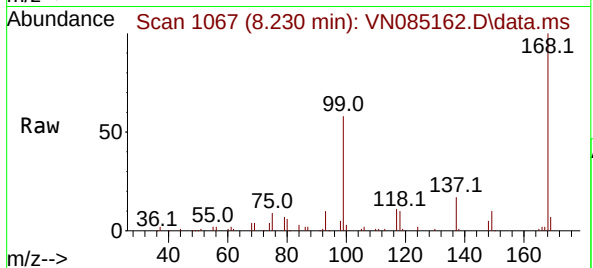
Lab File: VN085162.D

Acq: 10 Dec 2024 13:29

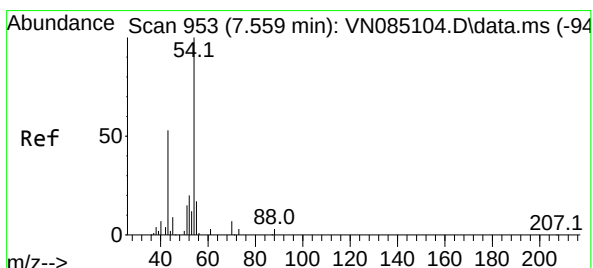
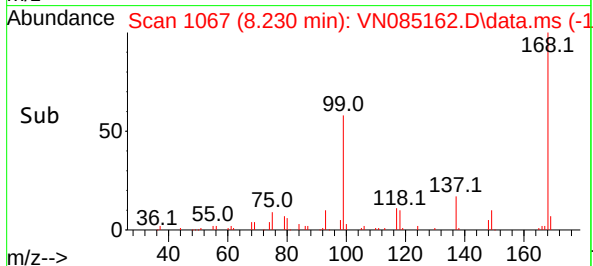
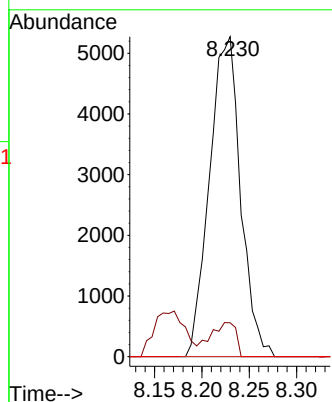
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12047
Ion Ratio	Lower	Upper	
75	100		
110	8.8	17.2	51.6#
77	0.0	24.2	36.4#



#37

Ethyl Acetate

Concen: 1.234 ug/l

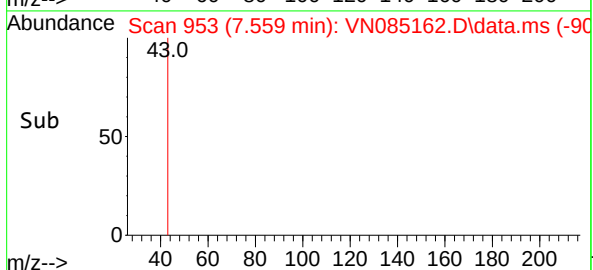
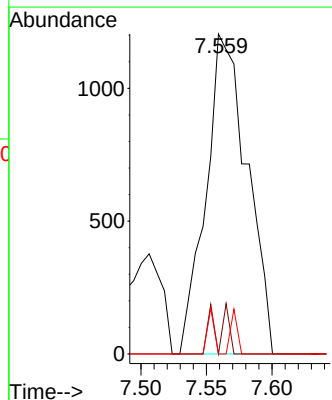
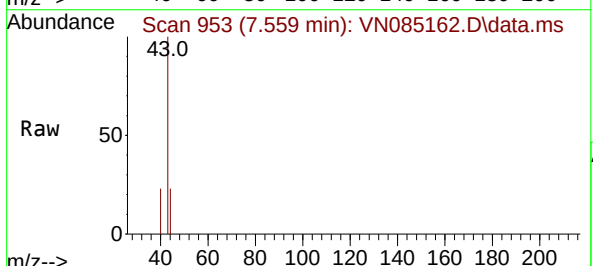
RT: 7.559 min Scan# 953

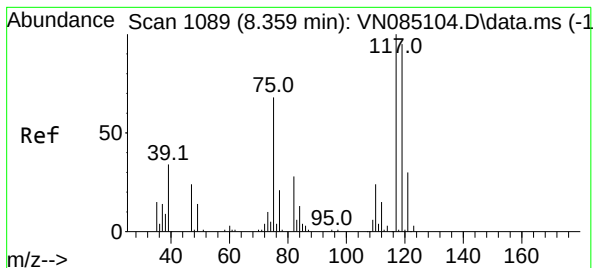
Delta R.T. 0.006 min

Lab File: VN085162.D

Acq: 10 Dec 2024 13:29

Tgt Ion:	43	Resp:	2629
Ion Ratio	Lower	Upper	
43	100		
61	5.1	11.7	17.5#
70	2.3	9.3	13.9#





#38

Carbon Tetrachloride

Concen: 5.662 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.129 min

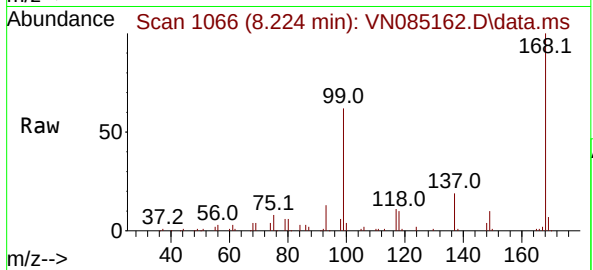
Lab File: VN085162.D

Acq: 10 Dec 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :



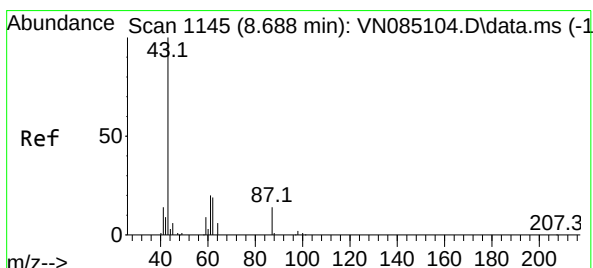
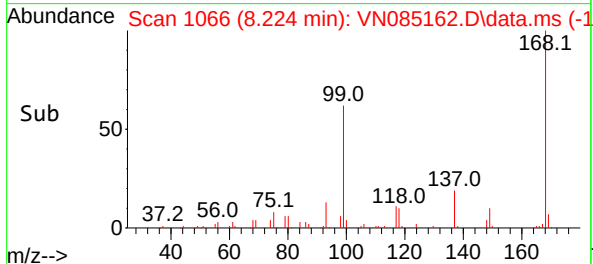
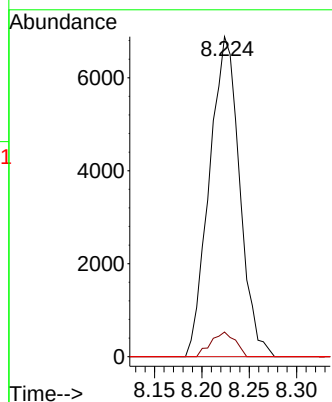
Tgt Ion:117 Resp: 15313

Ion Ratio Lower Upper

117 100

119 7.7 78.6 117.8#

121 0.0 24.2 36.2#



#43

Isopropyl Acetate

Concen: 33.941 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085162.D

Acq: 10 Dec 2024 13:29

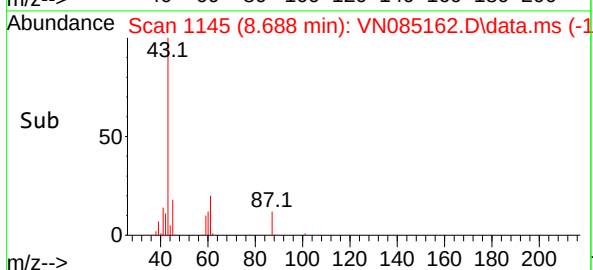
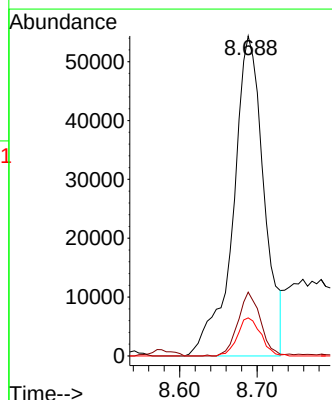
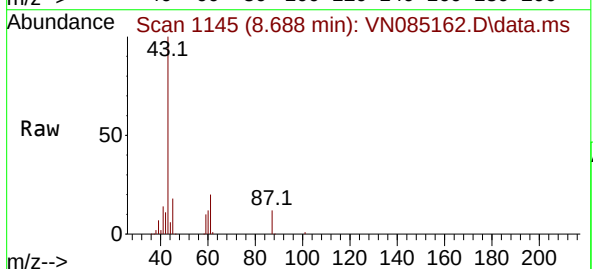
Tgt Ion: 43 Resp: 150159

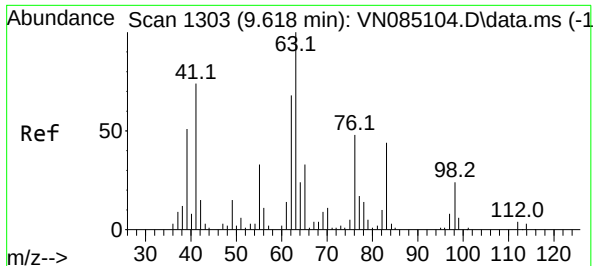
Ion Ratio Lower Upper

43 100

61 14.6 20.6 30.8#

87 9.1 11.0 16.4#





#45

1,2-Dichloropropane

Concen: 0.546 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.129 min

Lab File: VN085162.D

Acq: 10 Dec 2024 13:29

Instrument :

MSVOA_N

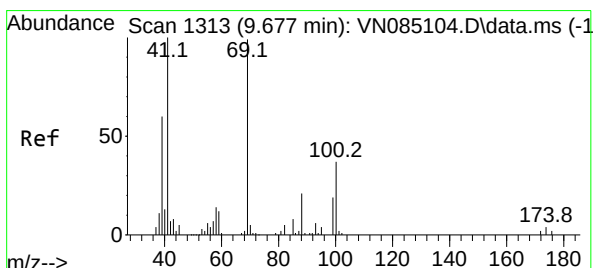
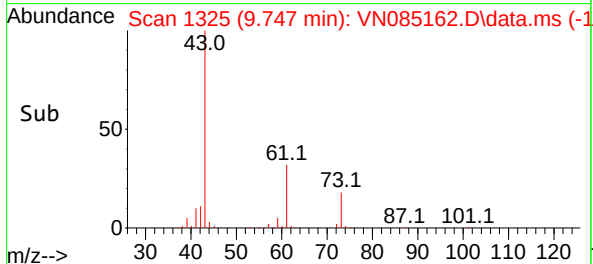
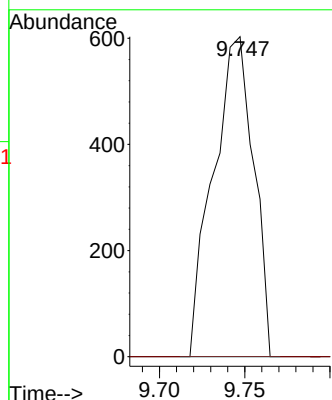
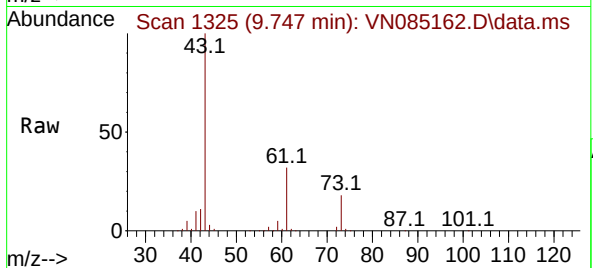
ClientSampleId :

Tgt Ion: 63 Resp: 996

Ion Ratio Lower Upper

63 100

65 0.0 24.0 36.0#



#48

Methyl methacrylate

Concen: 1.611 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VN085162.D

Acq: 10 Dec 2024 13:29

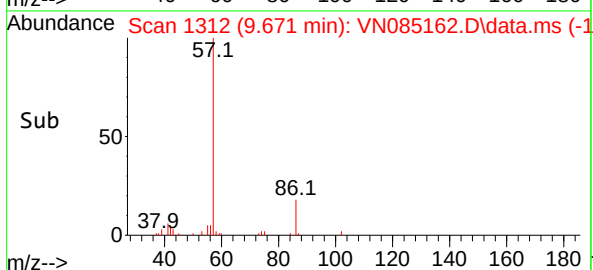
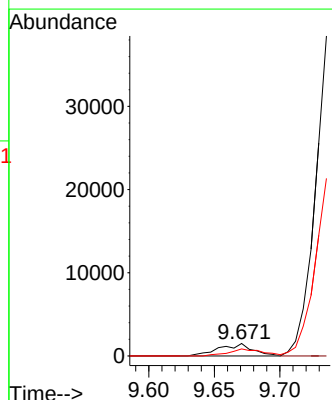
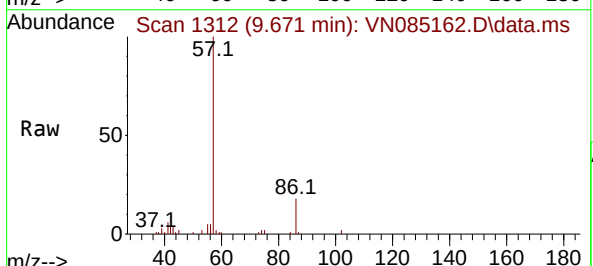
Tgt Ion: 41 Resp: 2652

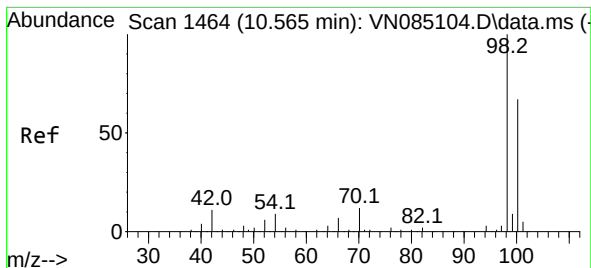
Ion Ratio Lower Upper

41 100

69 0.0 73.2 109.8#

39 57.5 46.2 69.4

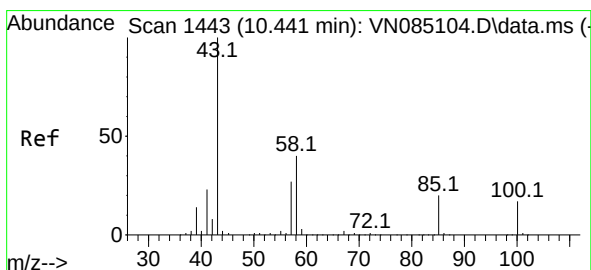
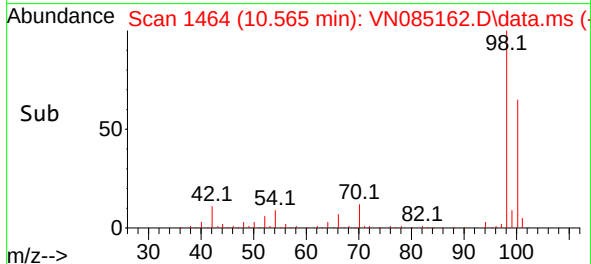
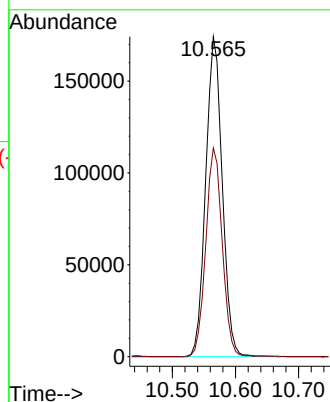
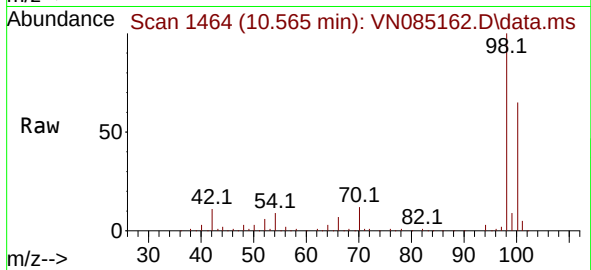




#50
Toluene-d8
Concen: 51.201 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

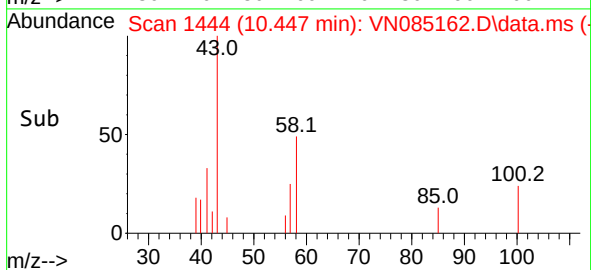
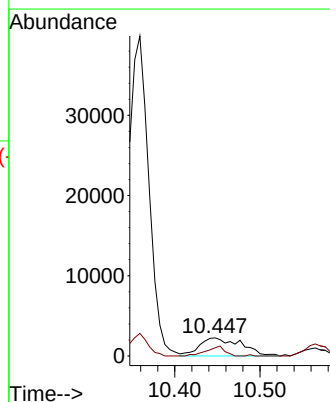
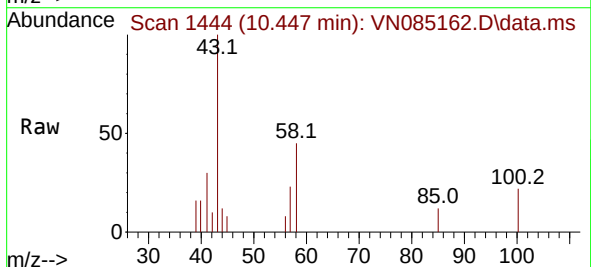
Instrument :
MSVOA_N
ClientSampleId :

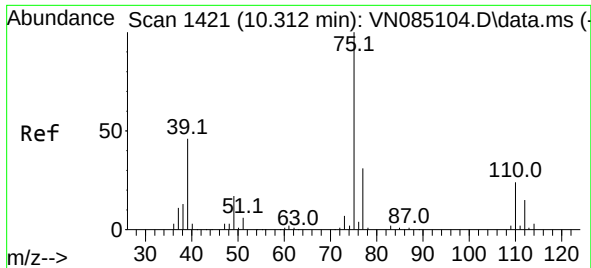
Tgt Ion: 98 Resp: 317381
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 3.837 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Tgt Ion: 43 Resp: 7753
Ion Ratio Lower Upper
43 100
58 23.3 32.1 48.1#

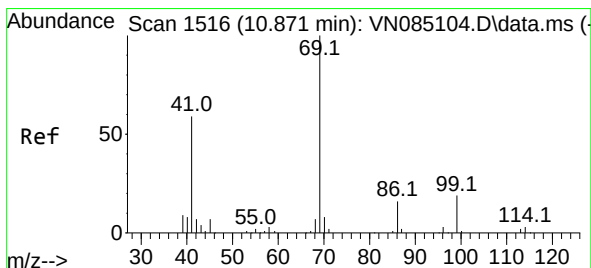
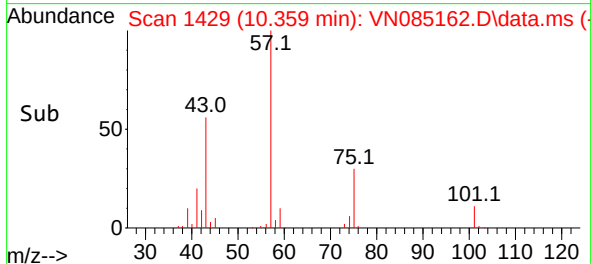
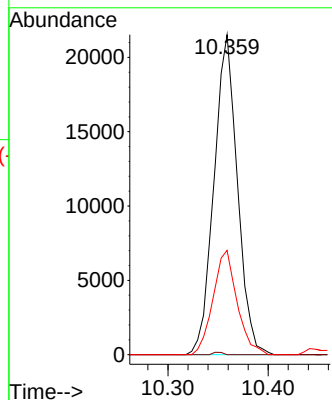
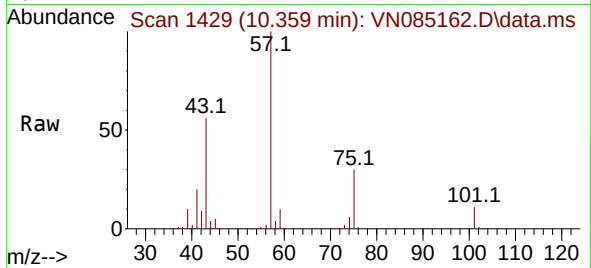




#54
 cis-1,3-Dichloropropene
 Concen: 12.201 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.053 min
 Lab File: VN085162.D
 Acq: 10 Dec 2024 13:29

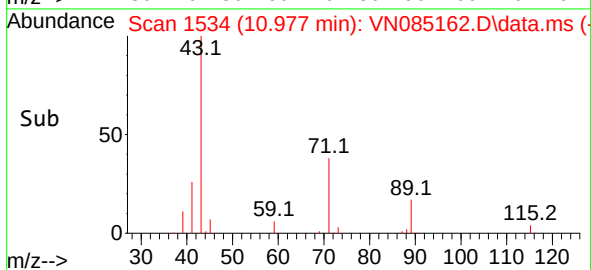
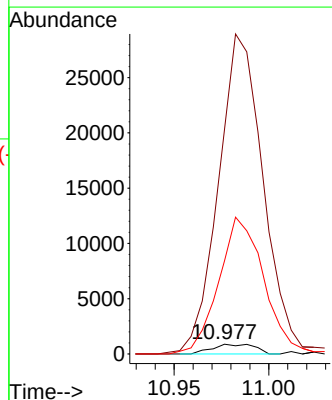
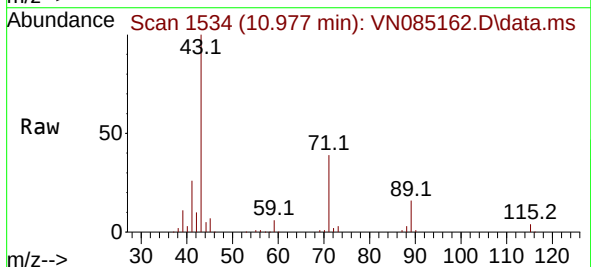
Instrument :
 MSVOA_N
 ClientSampleId :

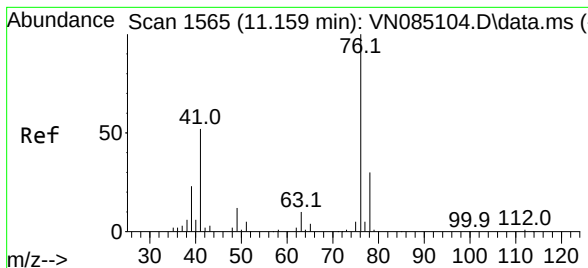
Tgt Ion: 75 Resp: 34881
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 32.6 37.6 56.4#



#56
 Ethyl methacrylate
 Concen: 0.574 ug/l
 RT: 10.977 min Scan# 1534
 Delta R.T. 0.106 min
 Lab File: VN085162.D
 Acq: 10 Dec 2024 13:29

Tgt Ion: 69 Resp: 1370
 Ion Ratio Lower Upper
 69 100
 41 3505.1 50.0 75.0#
 39 1499.0 27.0 40.6#

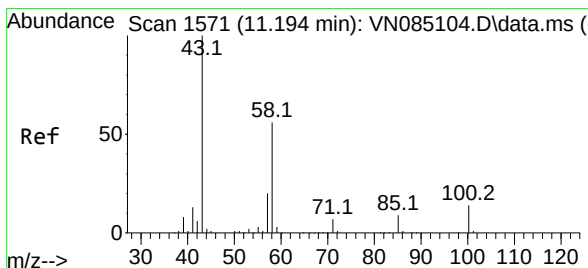
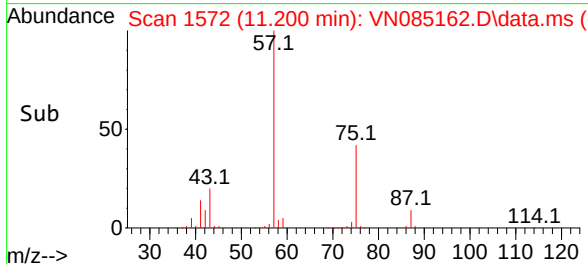
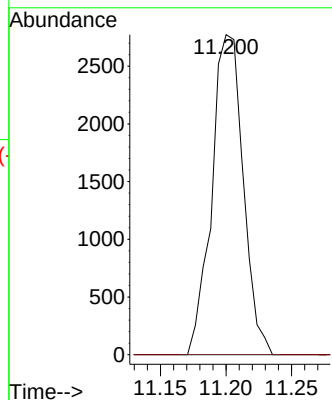
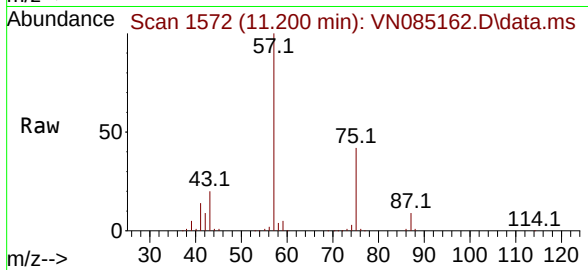




#57
1,3-Dichloropropane
Concen: 1.606 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

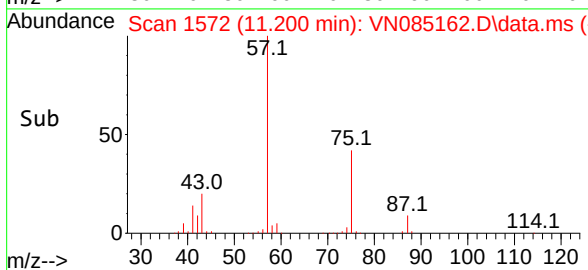
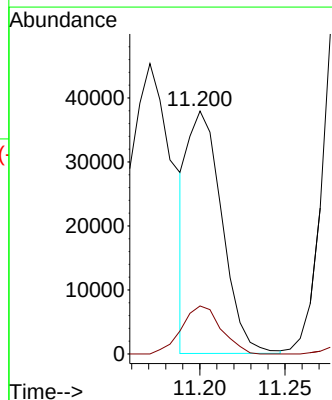
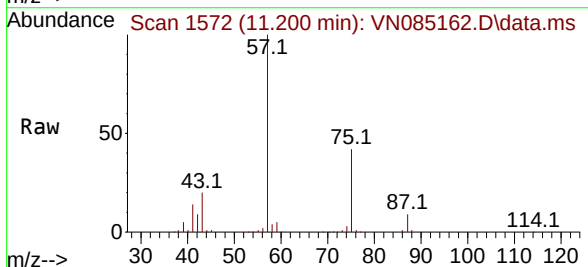
Instrument :
MSVOA_N
ClientSampleId :

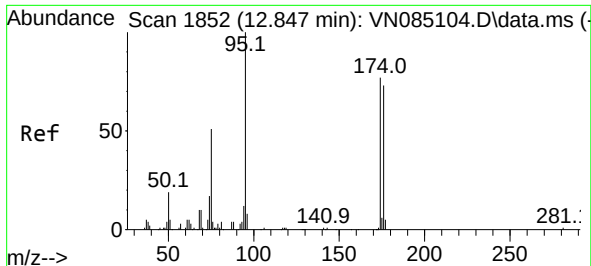
Tgt Ion: 76 Resp: 4619
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 35.013 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Tgt Ion: 43 Resp: 52916
Ion Ratio Lower Upper
43 100
58 22.9 28.3 85.0#

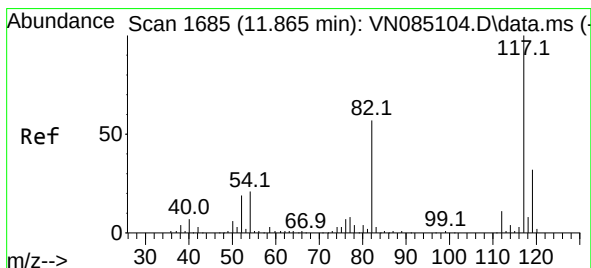
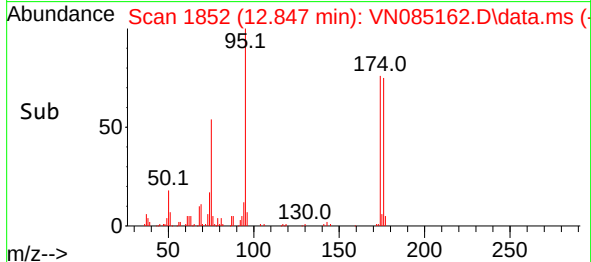
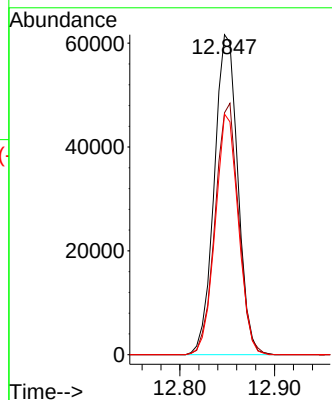
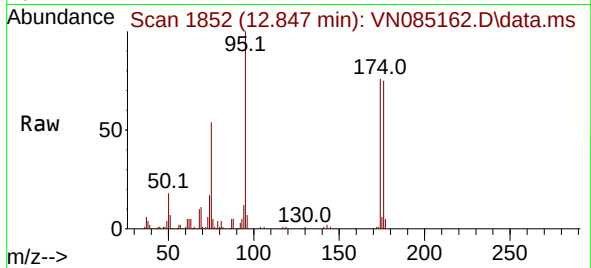




#62
4-Bromofluorobenzene
Concen: 46.044 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

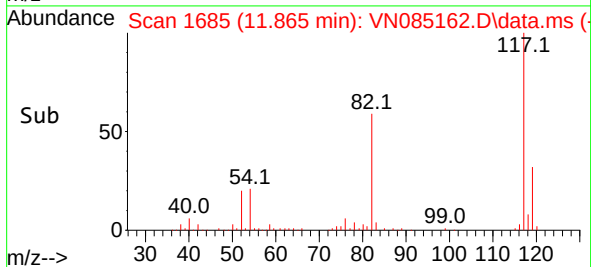
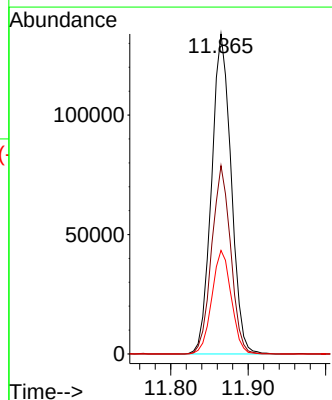
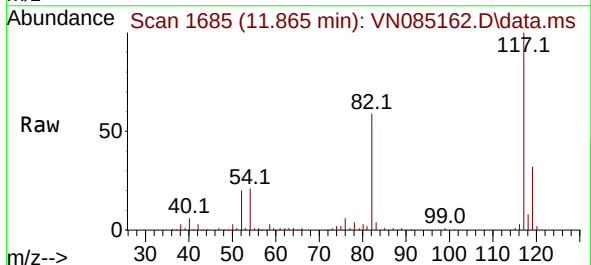
Instrument :
MSVOA_N
ClientSampleId :

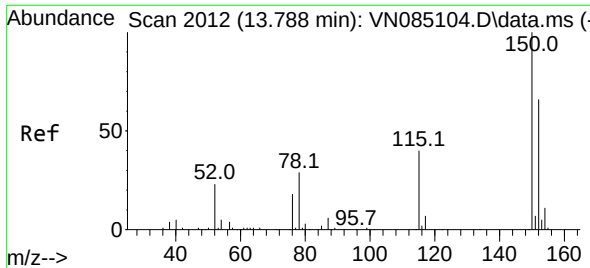
Tgt Ion: 95 Resp: 106736
Ion Ratio Lower Upper
95 100
174 78.2 0.0 146.6
176 73.9 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

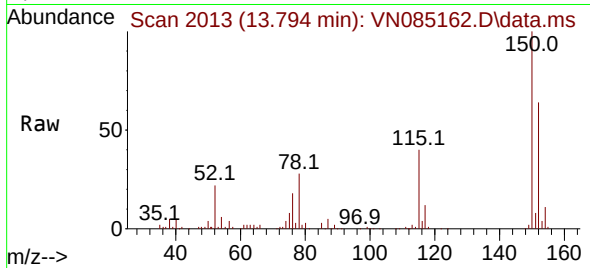
Tgt Ion: 117 Resp: 234910
Ion Ratio Lower Upper
117 100
82 58.8 46.0 69.0
119 32.3 25.6 38.4



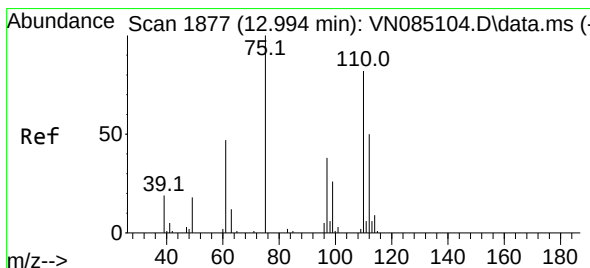
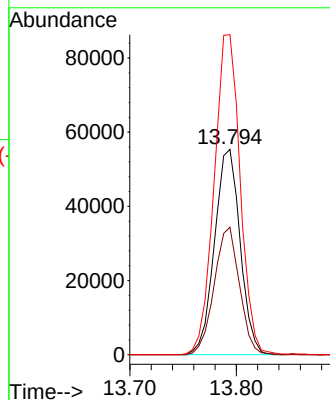
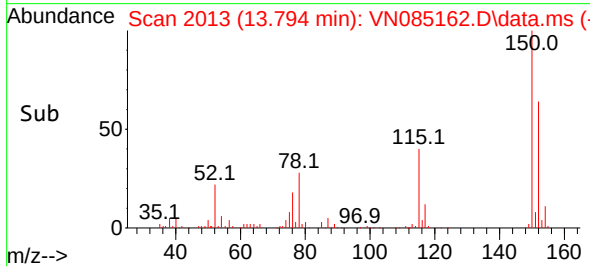


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN085162.D
 Acq: 10 Dec 2024 13:29

Instrument :
 MSVOA_N
 ClientSampleId :

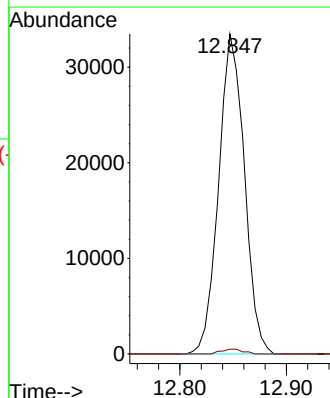
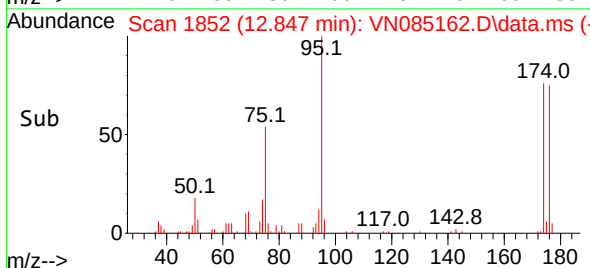
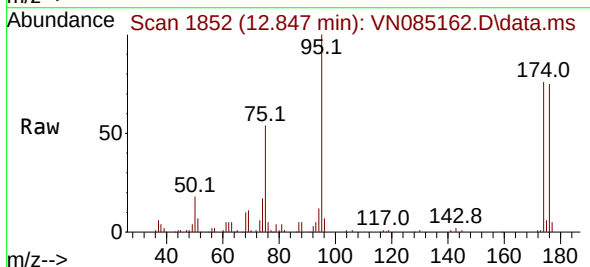


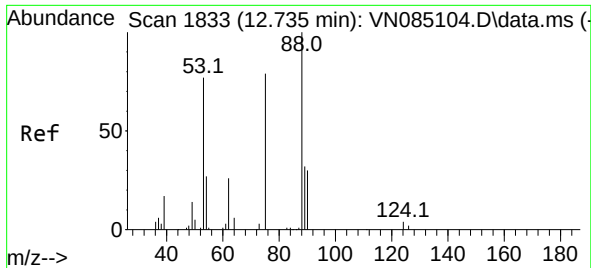
Tgt Ion:152 Resp: 92449
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.7 95.1
 150 158.6 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 33.358 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN085162.D
 Acq: 10 Dec 2024 13:29

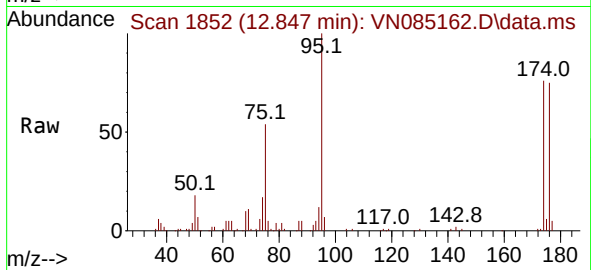
Tgt Ion: 75 Resp: 56094
 Ion Ratio Lower Upper
 75 100
 77 1.3 109.1 327.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.640 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085162.D
Acq: 10 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 56094
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

