

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120324\
 Data File : VN085079.D
 Acq On : 03 Dec 2024 15:54
 Operator : JC\MD
 Sample : P5050-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 03 23:52:08 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)

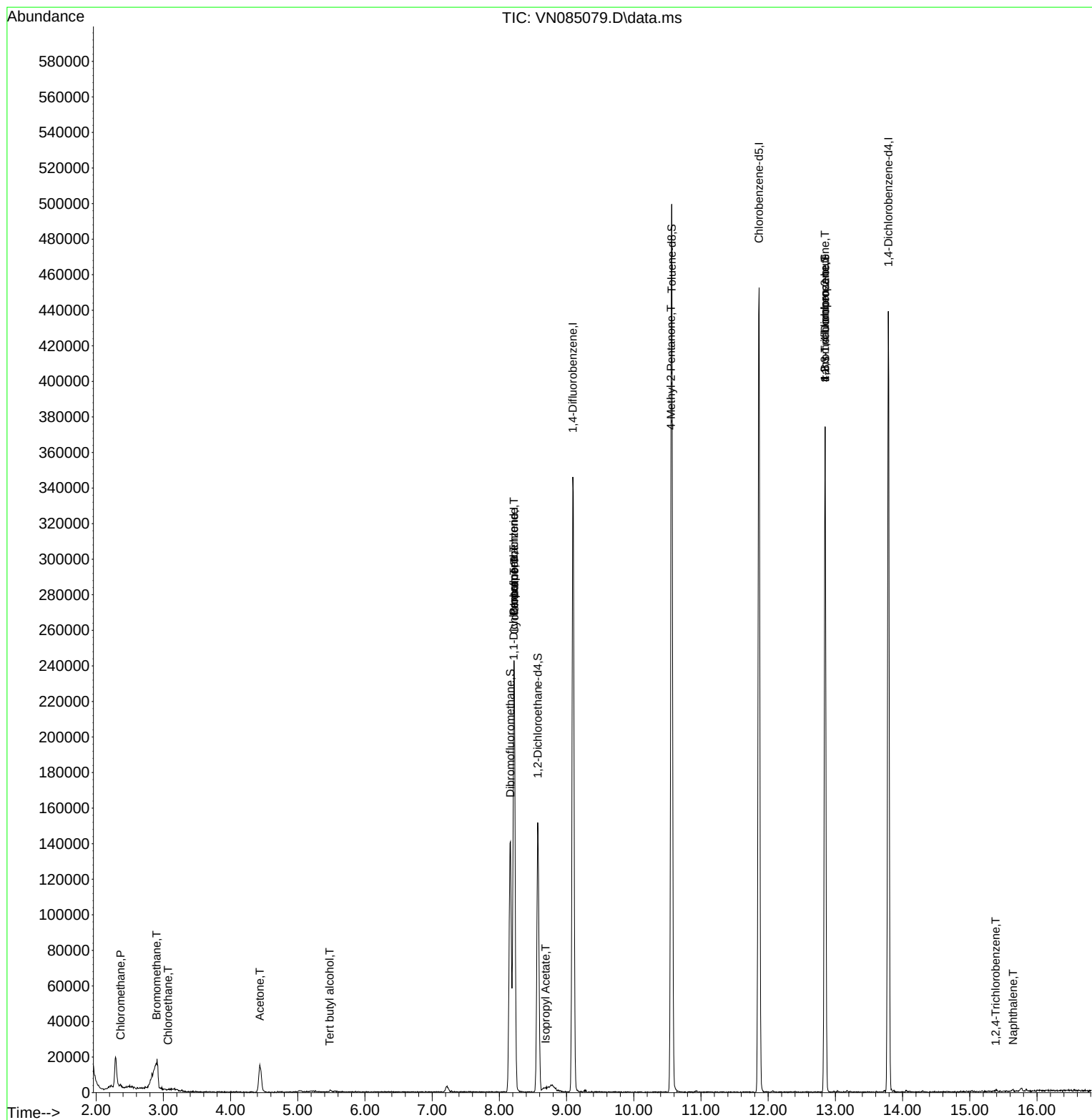
Internal Standards						
1) Pentafluorobenzene	8.218	168	171040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	302286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	124905	51.267	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.540%			
35) Dibromofluoromethane	8.165	113	103394	50.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.440%			
50) Toluene-d8	10.565	98	343725	47.050	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.100%			
62) 4-Bromofluorobenzene	12.847	95	128956	47.201	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.400%			
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	1070	0.477	ug/l #	40
5) Bromomethane	2.901	94	267	0.236	ug/l #	1
6) Chloroethane	3.071	64	894	0.658	ug/l #	44
11) Tert butyl alcohol	5.477	59	528	1.622	ug/l #	75
16) Acetone	4.436	43	591	0.833	ug/l #	43
18) Methyl Acetate	5.018	43	811	Below Cal	#	64
31) Cyclohexane	8.224	56	3652	1.125	ug/l #	11
36) 1,1-Dichloropropene	8.212	75	14001	5.071	ug/l #	50
38) Carbon Tetrachloride	8.218	117	19319	6.061	ug/l #	14
43) Isopropyl Acetate	8.688	43	2804	0.538	ug/l #	55
51) 4-Methyl-2-Pentanone	10.553	43	1369	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66339	31.147	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66339	68.759	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.388	180	535	0.234	ug/l #	66
95) Naphthalene	15.647	128	1403	0.216	ug/l #	69

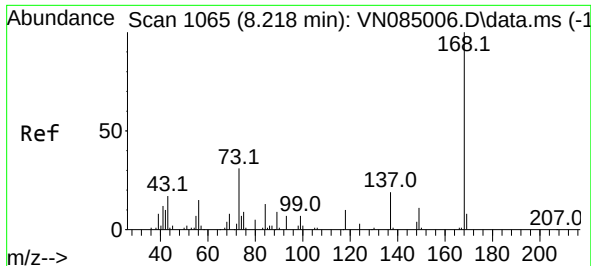
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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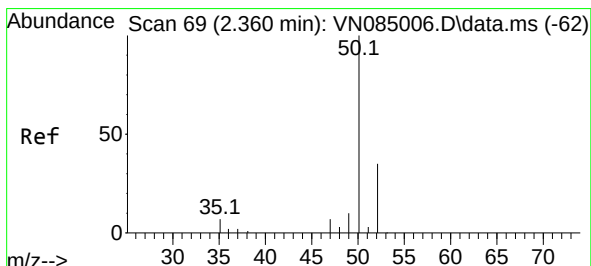
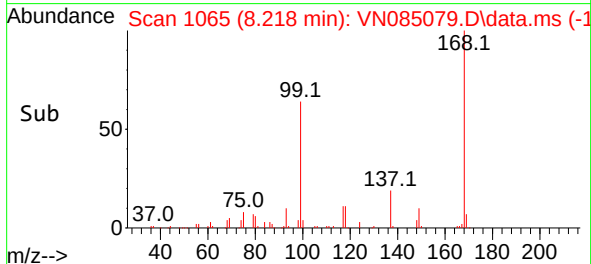
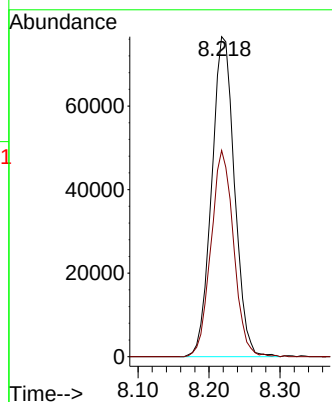
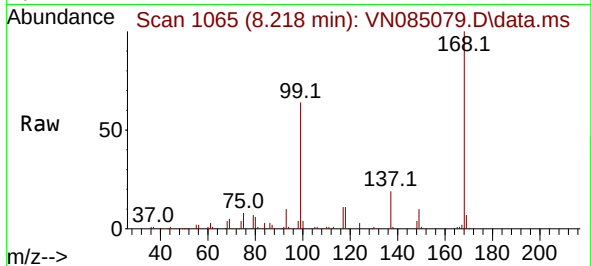




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

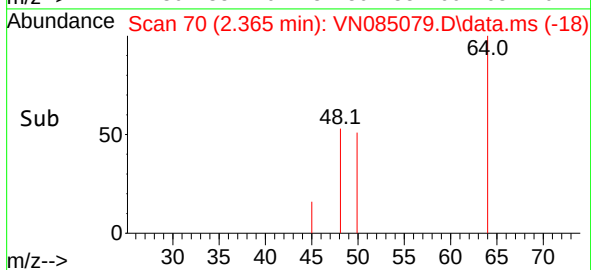
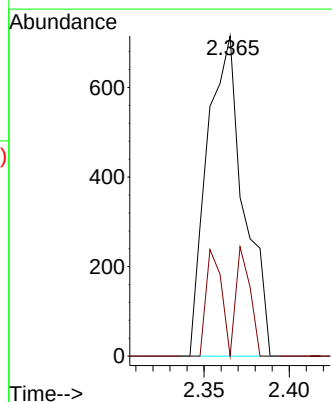
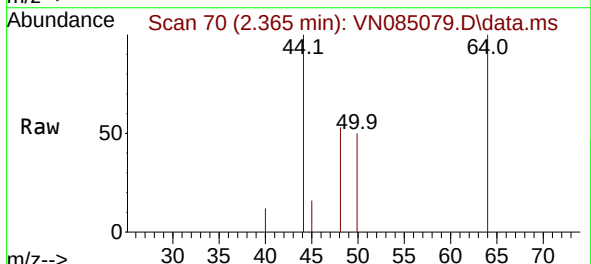
Instrument :
MSVOA_N
ClientSampleId :

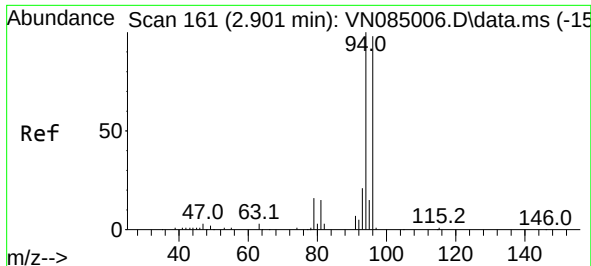
Tgt Ion:168 Resp: 171040
Ion Ratio Lower Upper
168 100
99 64.4 51.2 76.8



#3
Chloromethane
Concen: 0.477 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

Tgt Ion: 50 Resp: 1070
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

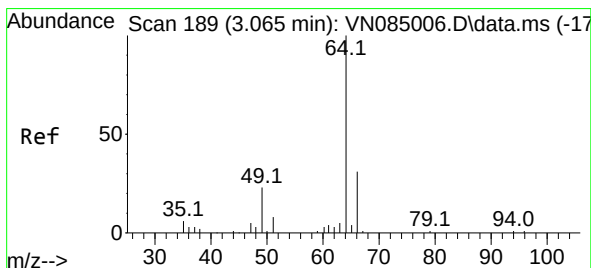
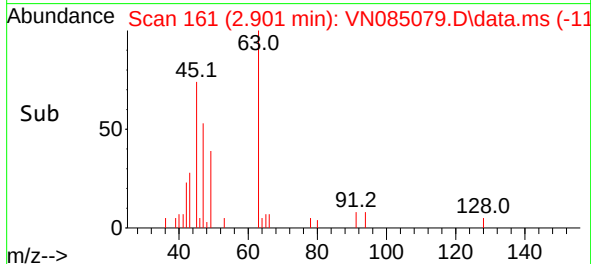
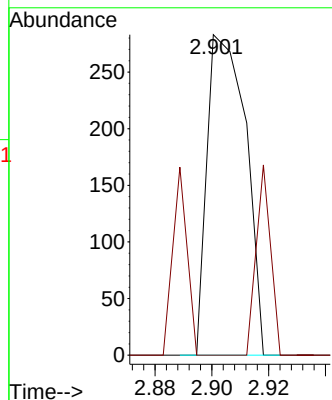
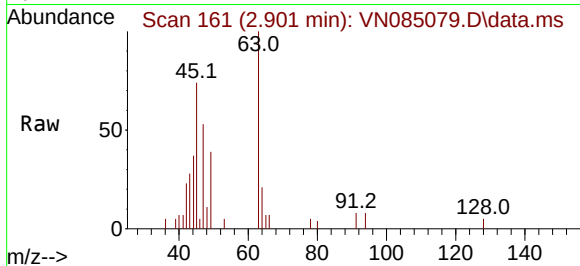




#5
Bromomethane
Concen: 0.236 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

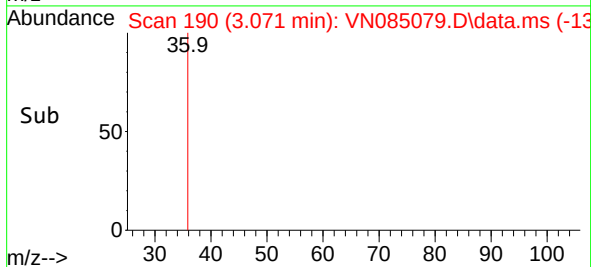
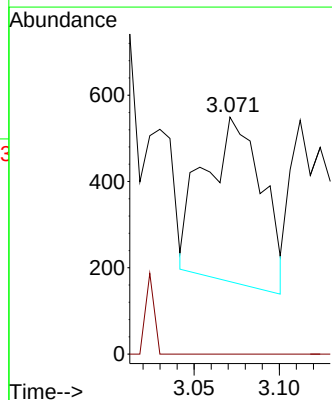
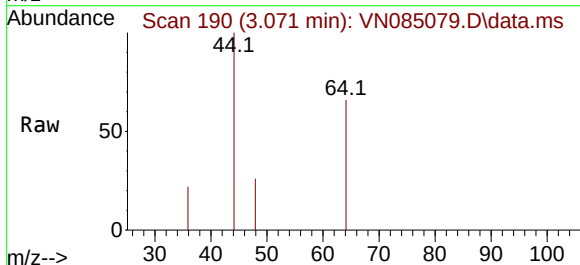
Instrument :
MSVOA_N
ClientSampleId :

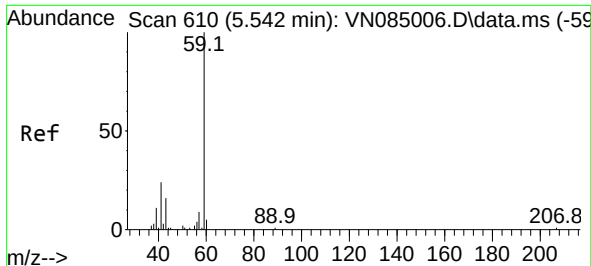
Tgt Ion: 94 Resp: 267
Ion Ratio Lower Upper
94 100
96 0.0 78.7 118.1#



#6
Chloroethane
Concen: 0.658 ug/l
RT: 3.071 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

Tgt Ion: 64 Resp: 894
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#





#11

Tert butyl alcohol

Concen: 1.622 ug/l

RT: 5.477 min Scan# 59

Delta R.T. -0.065 min

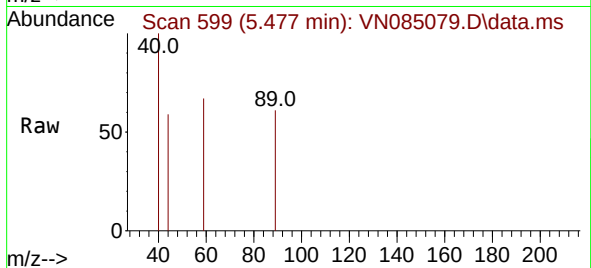
Lab File: VN085079.D

Acq: 03 Dec 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :

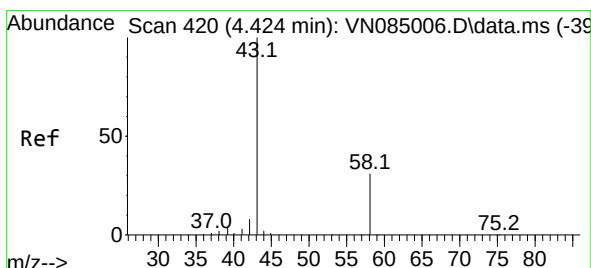
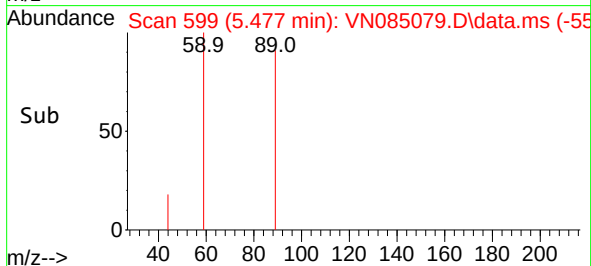
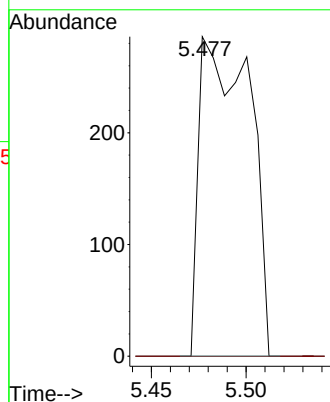


Tgt Ion: 59 Resp: 528

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



#16

Acetone

Concen: 0.833 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN085079.D

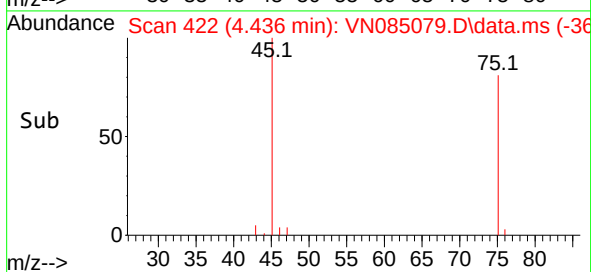
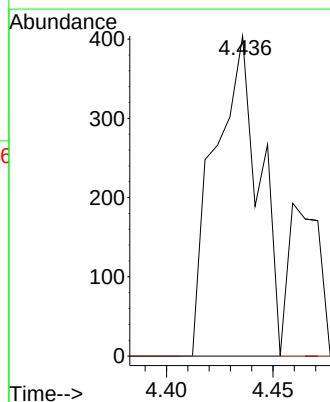
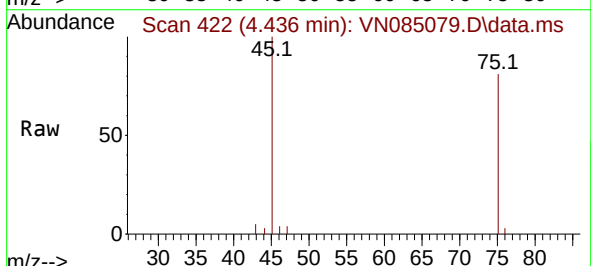
Acq: 03 Dec 2024 15:54

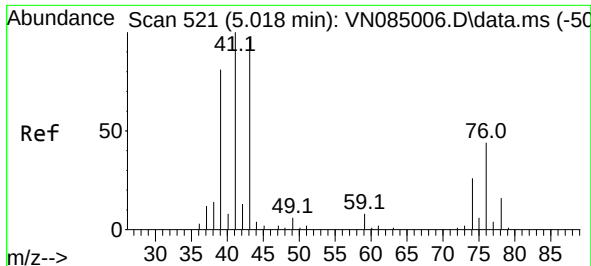
Tgt Ion: 43 Resp: 591

Ion Ratio Lower Upper

43 100

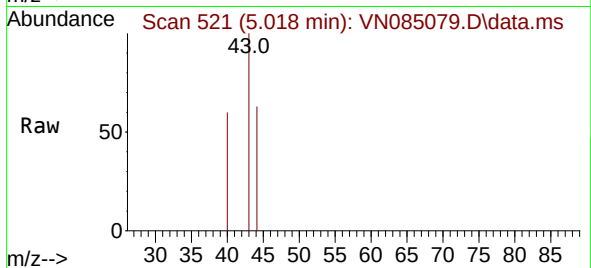
58 0.0 25.4 38.2#



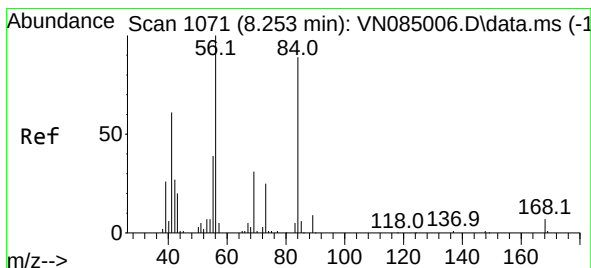
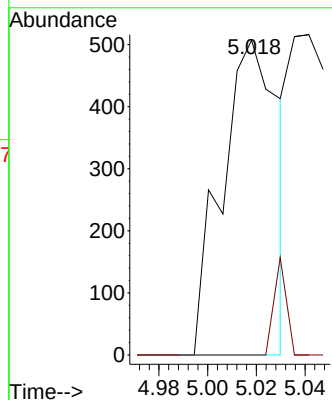
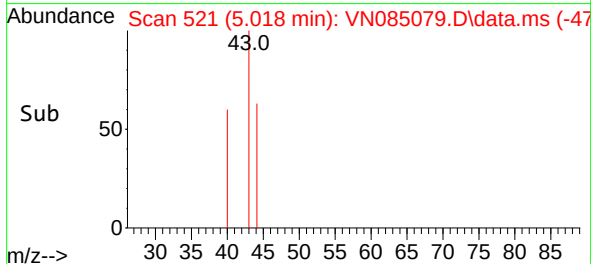


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

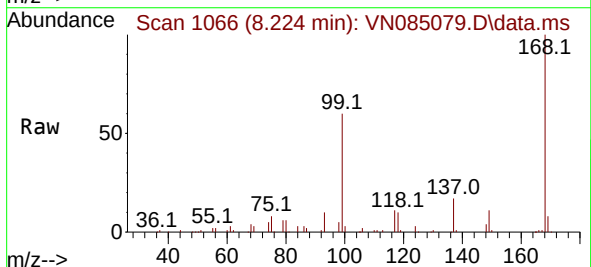
Instrument :
MSVOA_N
ClientSampleId :



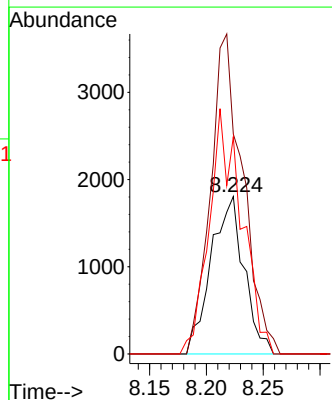
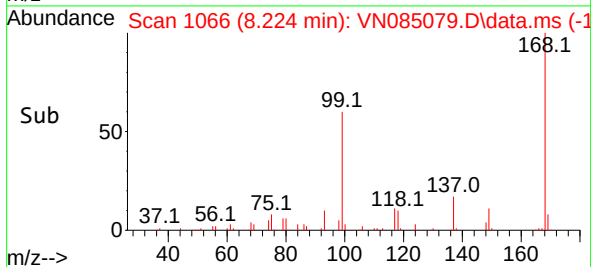
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
74 6.8 20.1 30.1#

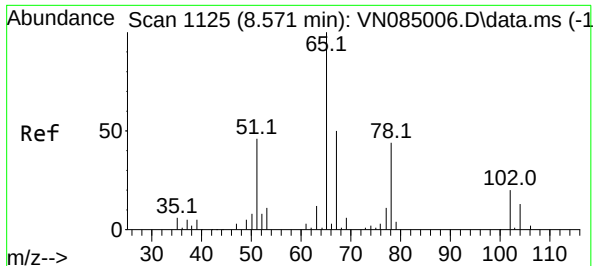


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54



Tgt Ion: 56 Resp: 3652
Ion Ratio Lower Upper
56 100
69 139.6 24.6 36.8#
84 138.0 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 51.267 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085079.D

Acq: 03 Dec 2024 15:54

Instrument :

MSVOA_N

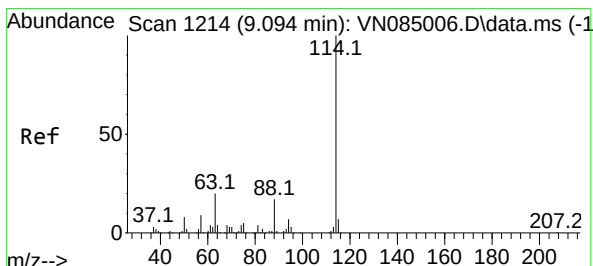
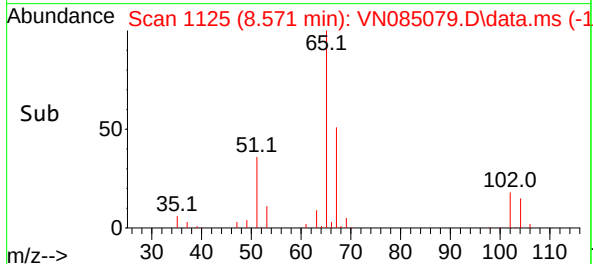
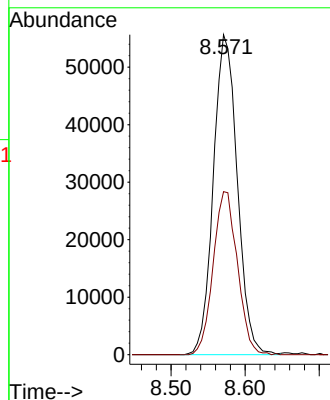
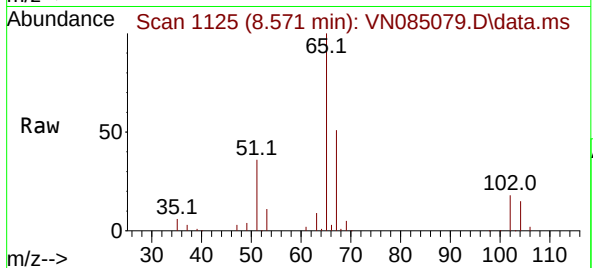
ClientSampleId :

Tgt Ion: 65 Resp: 124905

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085079.D

Acq: 03 Dec 2024 15:54

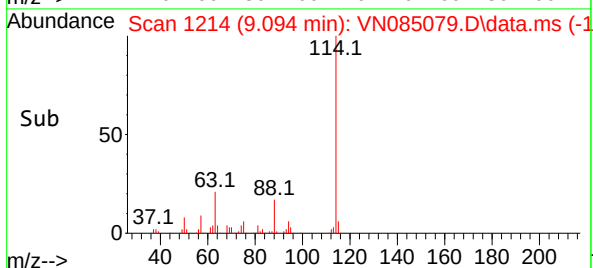
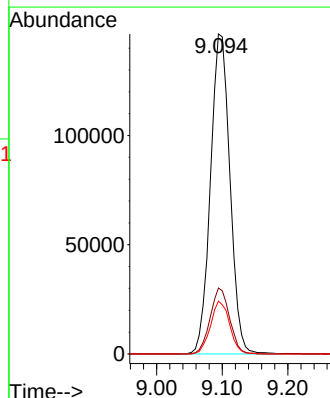
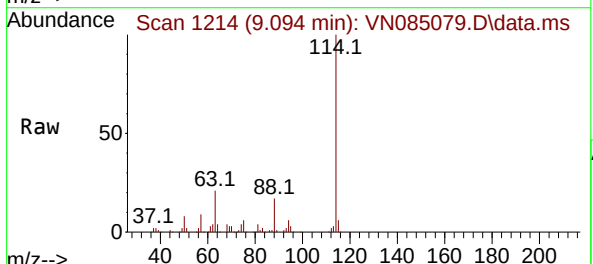
Tgt Ion: 114 Resp: 302286

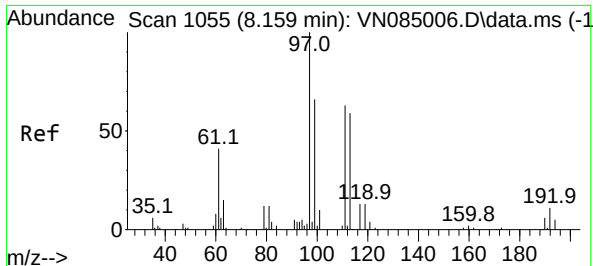
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 16.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.720 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

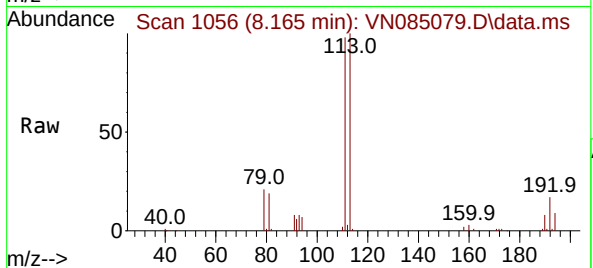
Lab File: VN085079.D

Acq: 03 Dec 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :



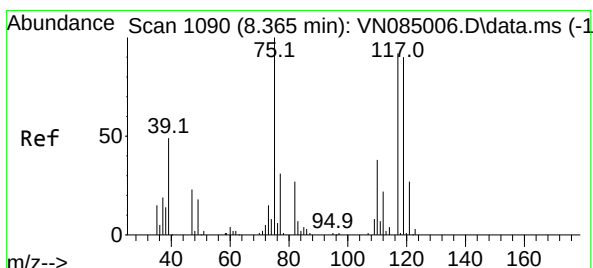
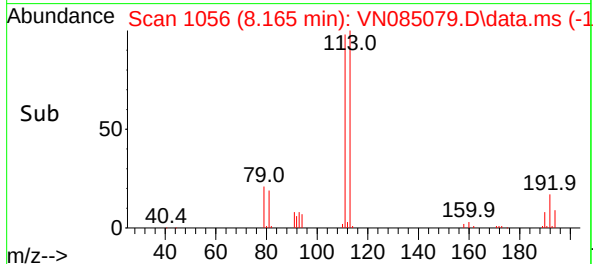
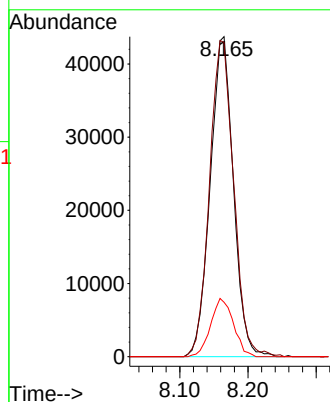
Tgt Ion:113 Resp: 103394

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 17.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.071 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.153 min

Lab File: VN085079.D

Acq: 03 Dec 2024 15:54

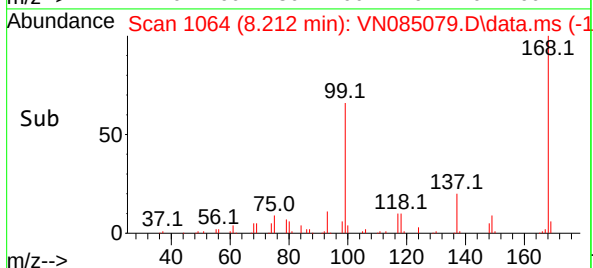
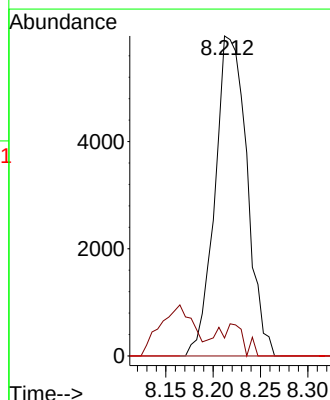
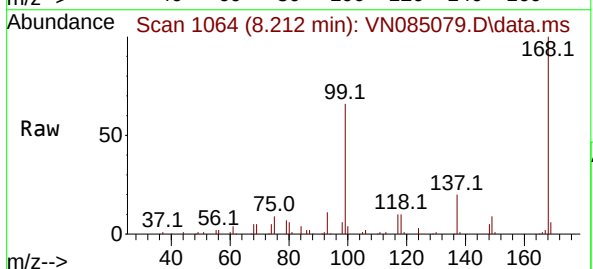
Tgt Ion: 75 Resp: 14001

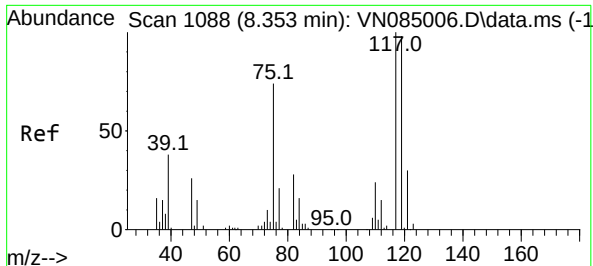
Ion Ratio Lower Upper

75 100

110 8.1 17.2 51.6#

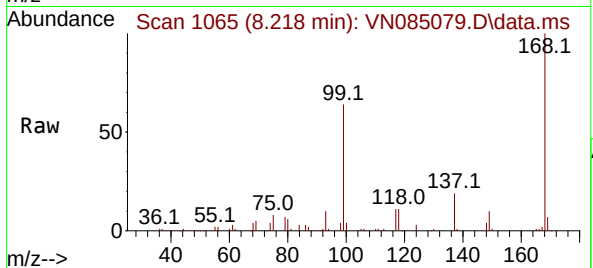
77 0.0 24.2 36.4#



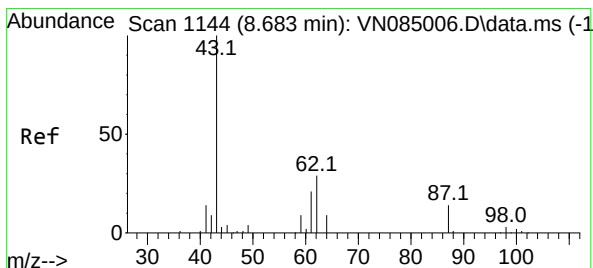
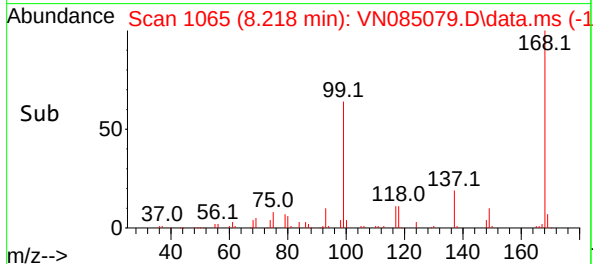
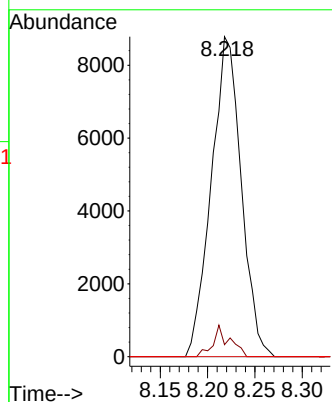


#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.135 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :

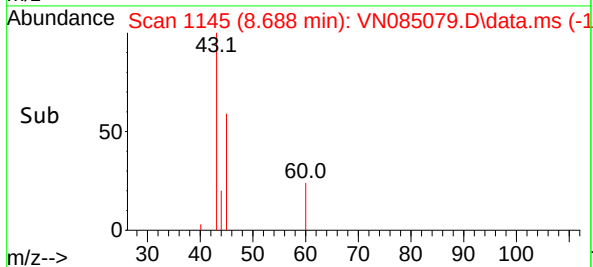
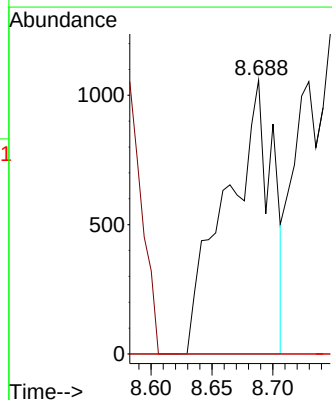
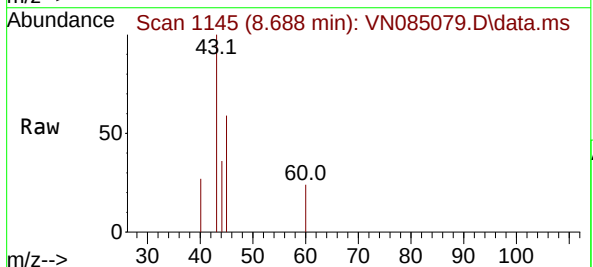


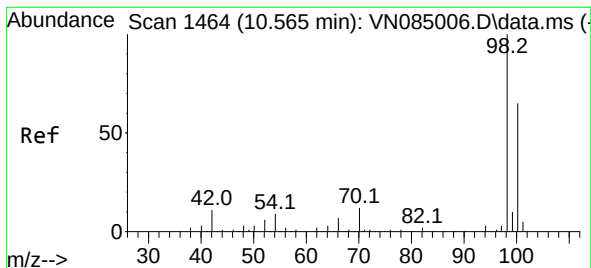
Tgt Ion:117 Resp: 19319
Ion Ratio Lower Upper
117 100
119 3.7 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.538 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

Tgt Ion: 43 Resp: 2804
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#

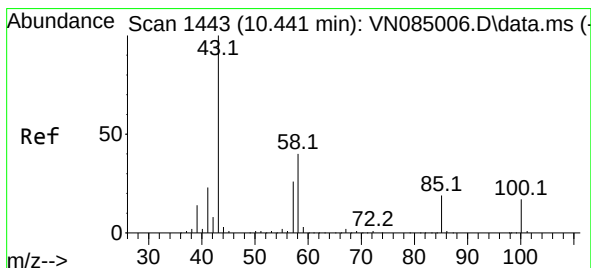
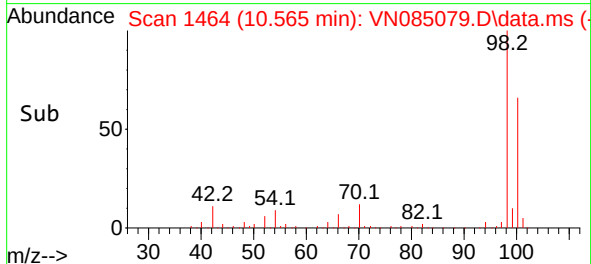
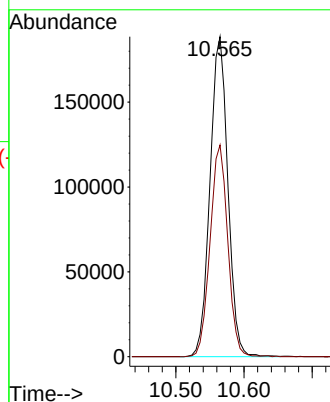
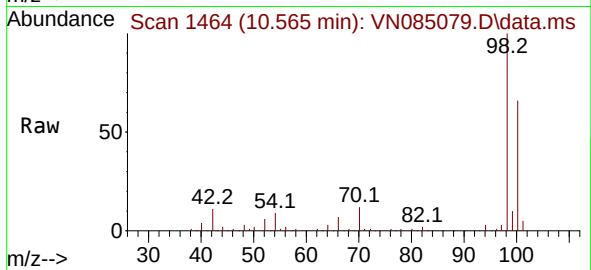




#50
Toluene-d8
Concen: 47.050 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

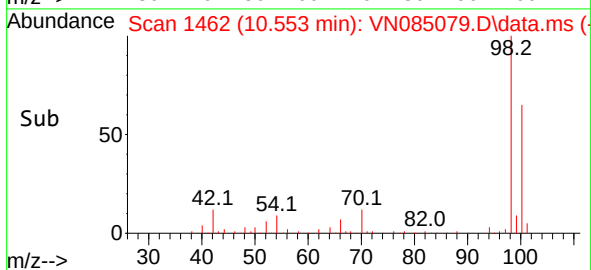
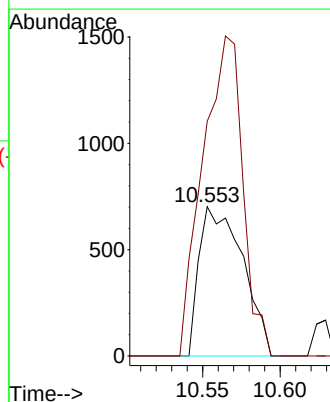
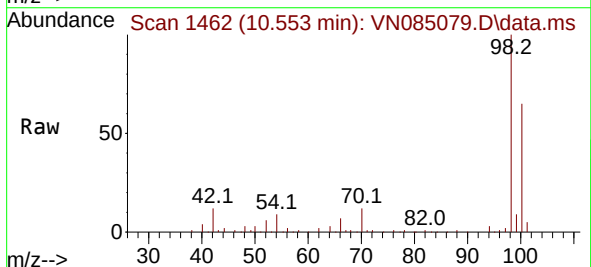
Instrument :
MSVOA_N
ClientSampleId :

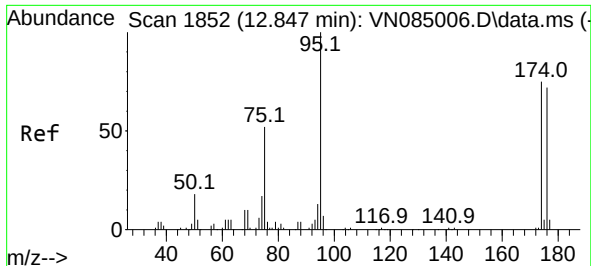
Tgt Ion: 98 Resp: 343725
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 10.553 min Scan# 1462
Delta R.T. 0.112 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
58 197.4 32.1 48.1#

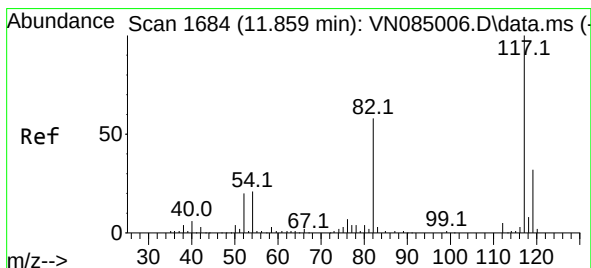
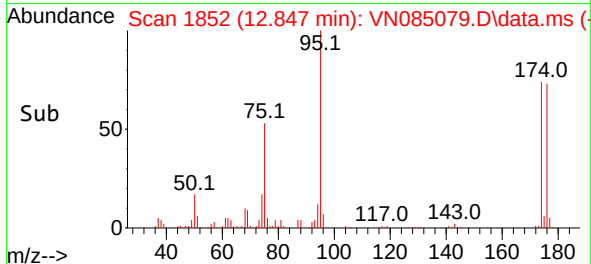
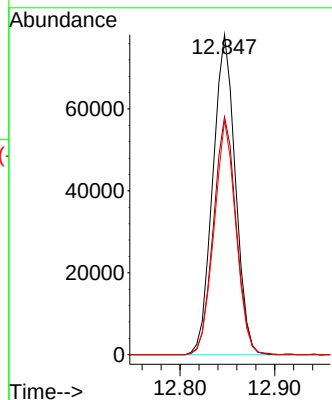
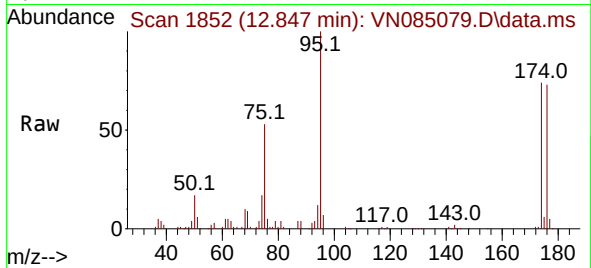




#62
4-Bromofluorobenzene
Concen: 47.201 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

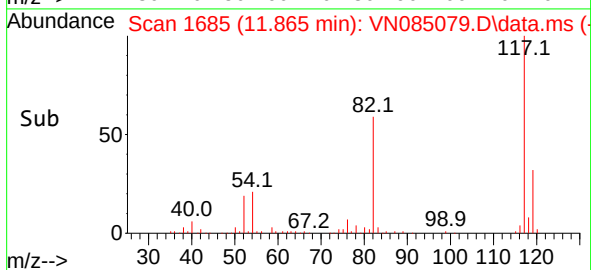
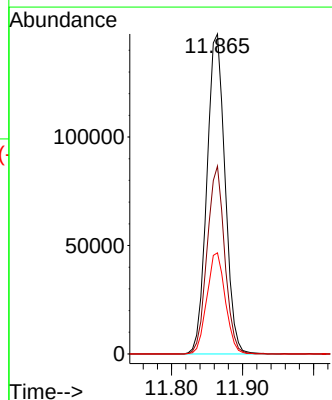
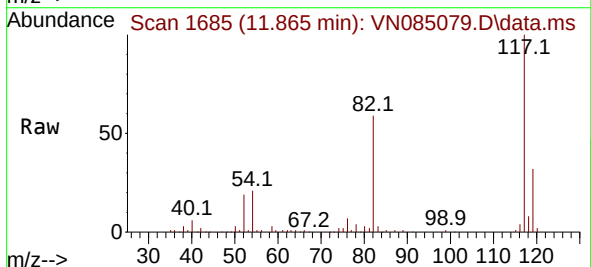
Instrument :
MSVOA_N
ClientSampleId :

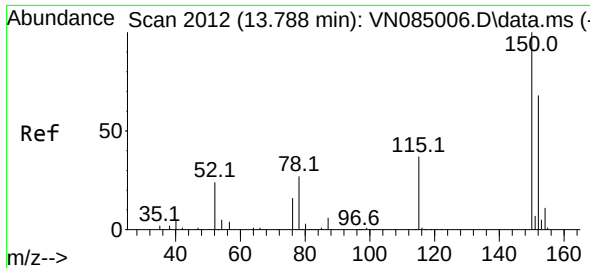
Tgt Ion: 95 Resp: 128956
Ion Ratio Lower Upper
95 100
174 75.0 0.0 146.6
176 71.2 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

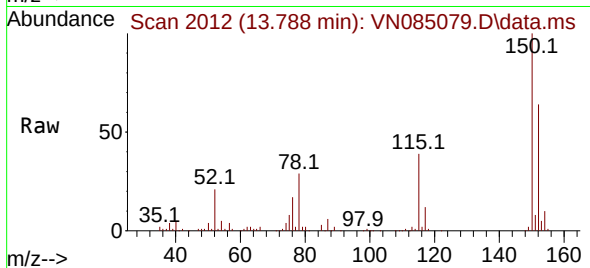
Tgt Ion: 117 Resp: 261995
Ion Ratio Lower Upper
117 100
82 58.7 46.0 69.0
119 31.6 25.6 38.4



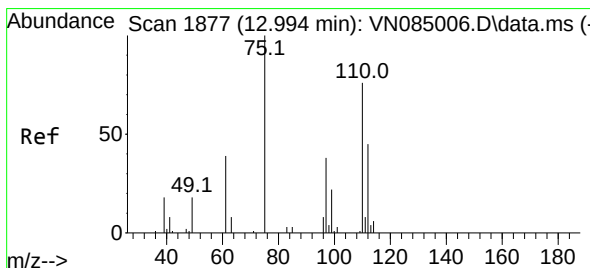
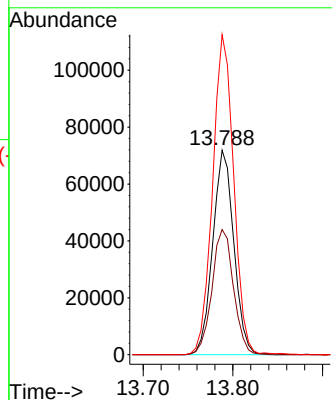
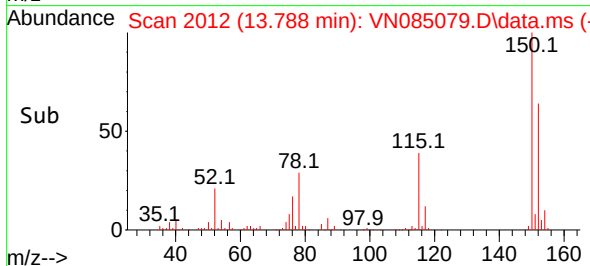


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085079.D
 Acq: 03 Dec 2024 15:54

Instrument :
 MSVOA_N
 ClientSampleId :

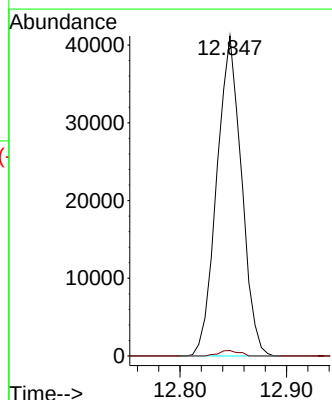
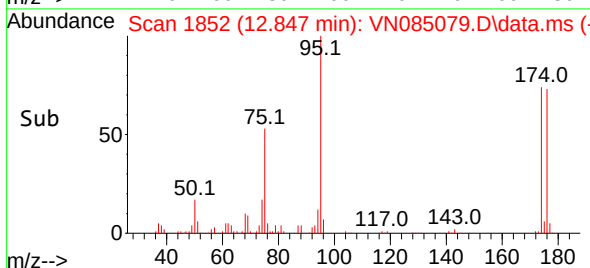
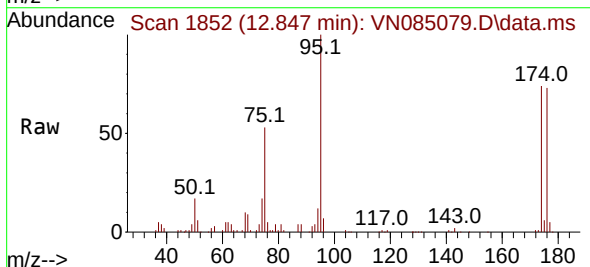


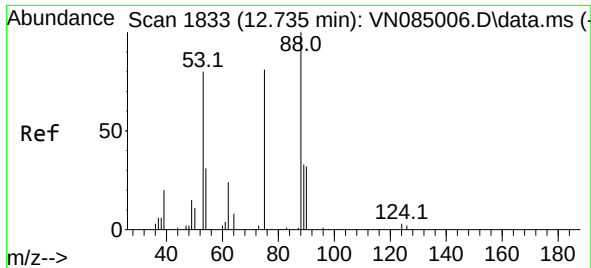
Tgt Ion:152 Resp: 117096
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.7 95.1
 150 156.7 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 31.147 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN085079.D
 Acq: 03 Dec 2024 15:54

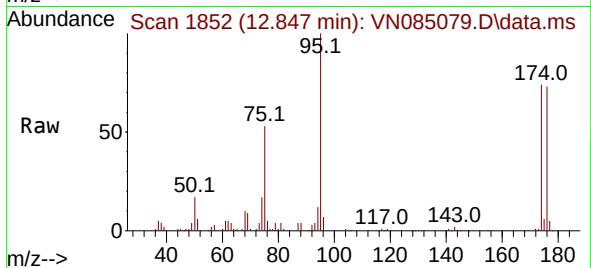
Tgt Ion: 75 Resp: 66339
 Ion Ratio Lower Upper
 75 100
 77 1.4 109.1 327.4#



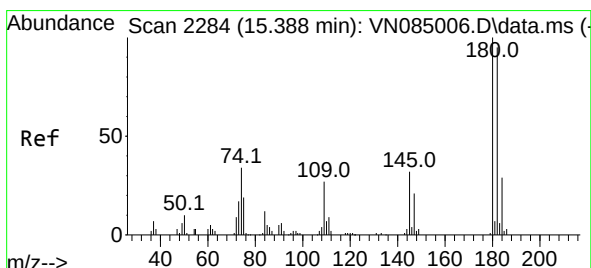
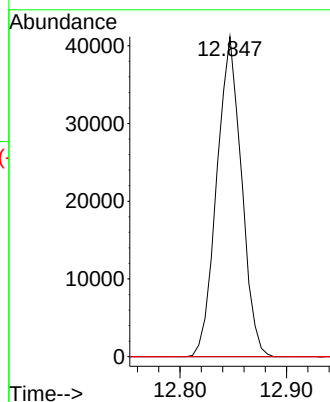
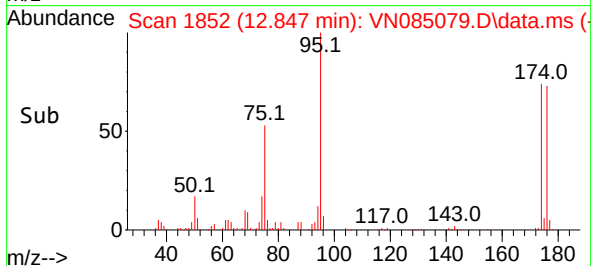


#81
trans-1,4-Dichloro-2-butene
Concen: 68.759 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

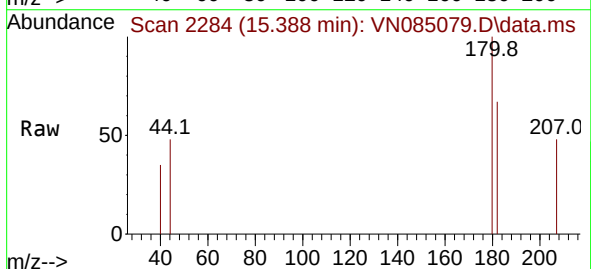
Instrument :
MSVOA_N
ClientSampleId :



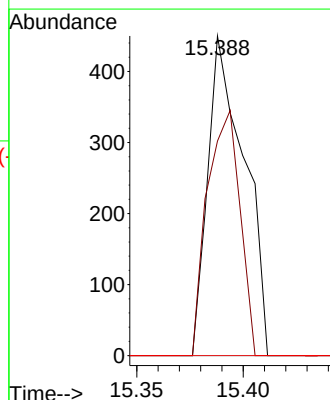
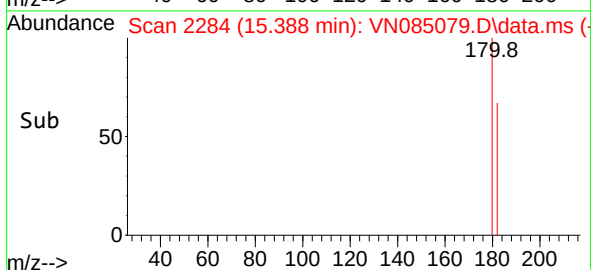
Tgt Ion: 75 Resp: 66339
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

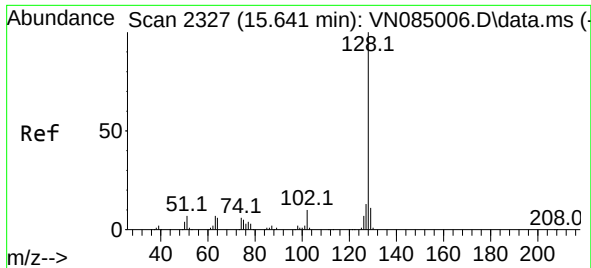


#93
1,2,4-Trichlorobenzene
Concen: 0.234 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54



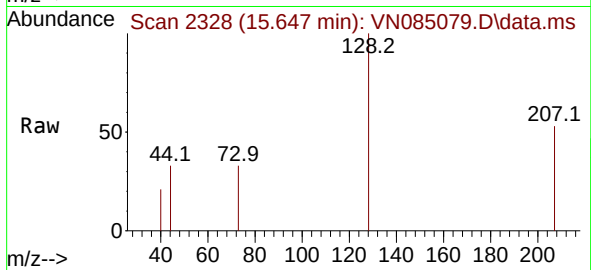
Tgt Ion: 180 Resp: 535
Ion Ratio Lower Upper
180 100
182 68.6 46.9 140.8
145 0.0 16.3 48.8#





#95
Naphthalene
Concen: 0.216 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085079.D
Acq: 03 Dec 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1403
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

