

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083667.D
 Acq On : 05 Sep 2024 11:42
 Operator : JC\MD
 Sample : VN0905WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:13:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

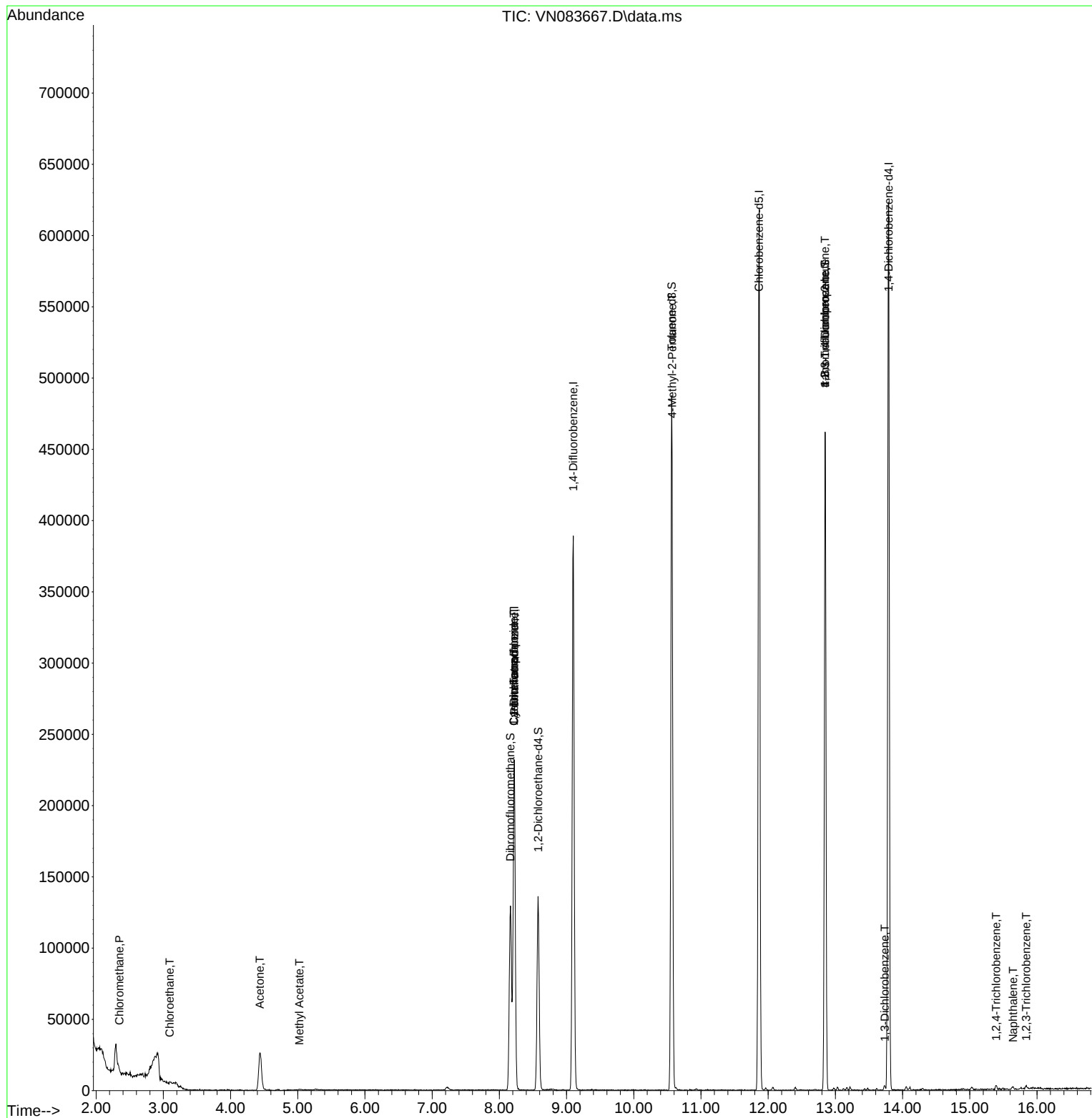
Internal Standards						
1) Pentafluorobenzene	8.224	168	157818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	322489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	337730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	114614	51.964	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.920%		
35) Dibromofluoromethane	8.165	113	93621	48.234	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.460%		
50) Toluene-d8	10.565	98	333809	44.247	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 88.500%		
62) 4-Bromofluorobenzene	12.847	95	158953	56.768	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 113.540%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.347	50	622	0.320	ug/l #	41
6) Chloroethane	3.094	64	925	0.727	ug/l #	45
16) Acetone	4.436	43	481	0.547	ug/l #	45
18) Methyl Acetate	5.024	43	1351	0.578	ug/l #	52
31) Cyclohexane	8.218	56	4045	1.186	ug/l #	28
36) 1,1-Dichloropropene	8.218	75	14427	4.873	ug/l #	49
38) Carbon Tetrachloride	8.218	117	18579	5.500	ug/l #	15
43) Isopropyl Acetate	8.712	43	289	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.570	43	1758	0.642	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	88284	26.671	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	88284	62.906	ug/l #	9
87) 1,3-Dichlorobenzene	13.735	146	1234	0.204	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	1118	0.339	ug/l	90
95) Naphthalene	15.647	128	2660	0.251	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.841	180	849	0.258	ug/l #	88

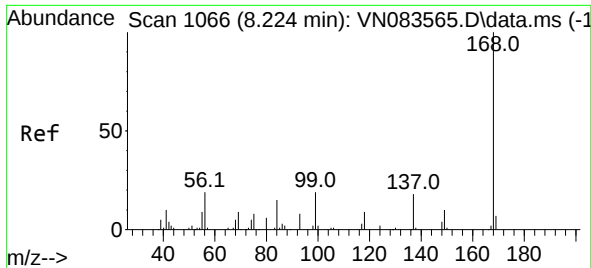
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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Quant Time: Sep 06 02:13:17 2024
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Quant Title : SW846 8260
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Response via : Initial Calibration

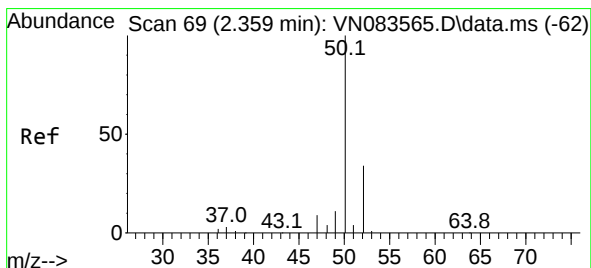
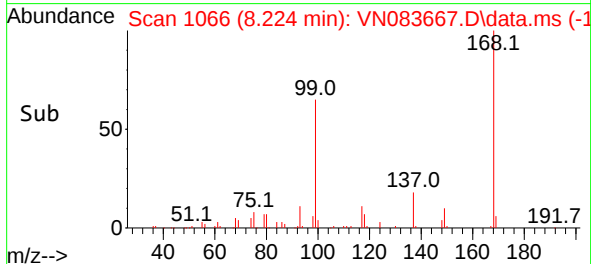
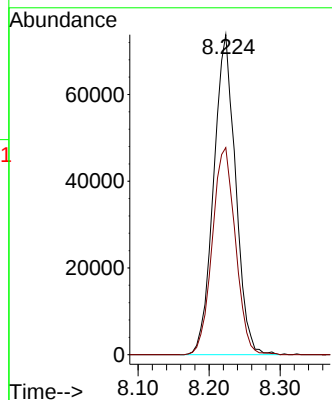
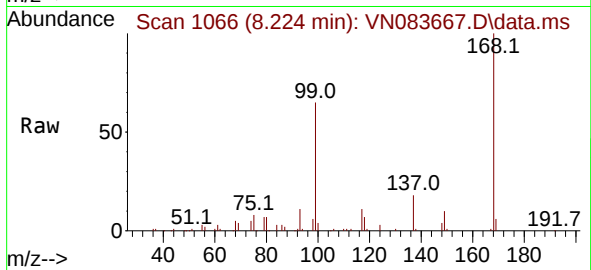




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

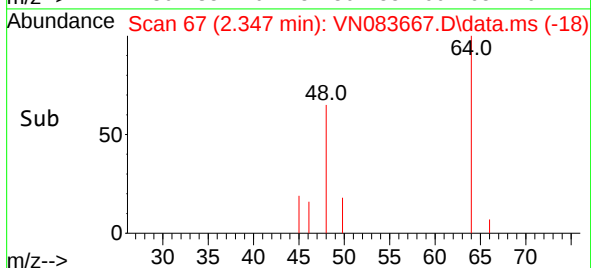
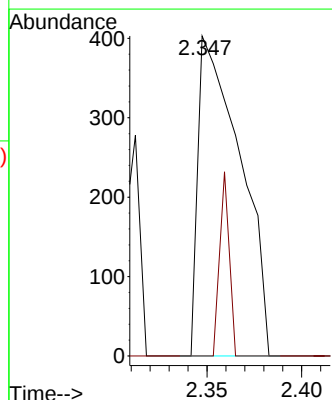
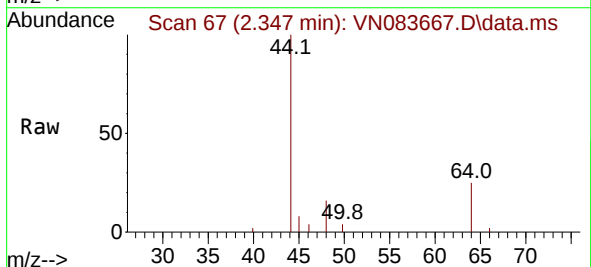
Instrument :
MSVOA_N
ClientSampleId :

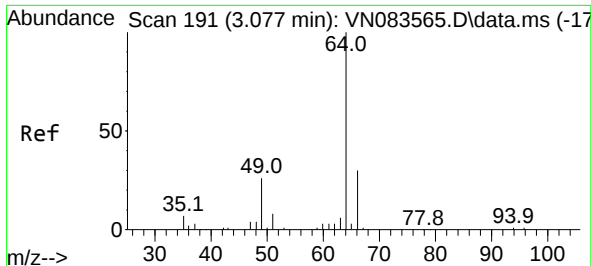
Tgt Ion:168 Resp: 157818
Ion Ratio Lower Upper
168 100
99 64.7 54.2 81.2



#3
Chloromethane
Concen: 0.320 ug/l
RT: 2.347 min Scan# 67
Delta R.T. -0.012 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Tgt Ion: 50 Resp: 622
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

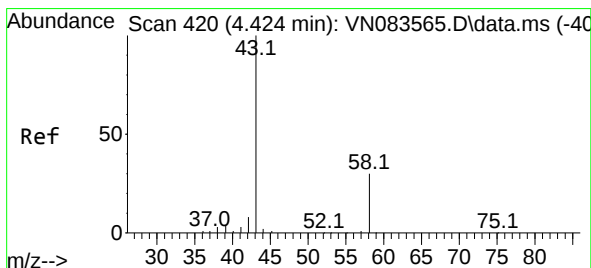
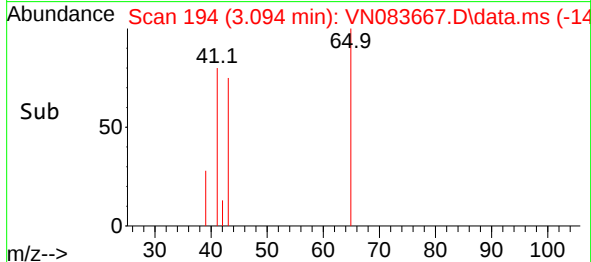
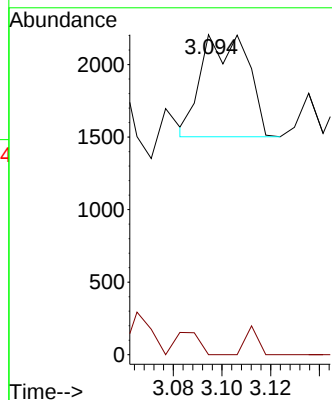
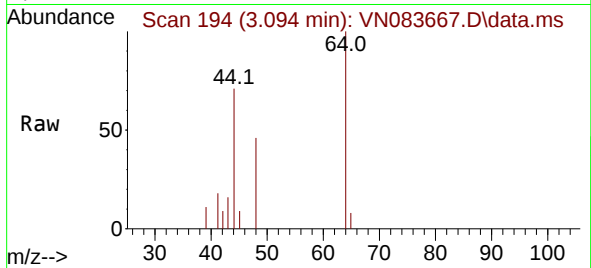




#6
Chloroethane
Concen: 0.727 ug/l
RT: 3.094 min Scan# 191
Delta R.T. 0.018 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

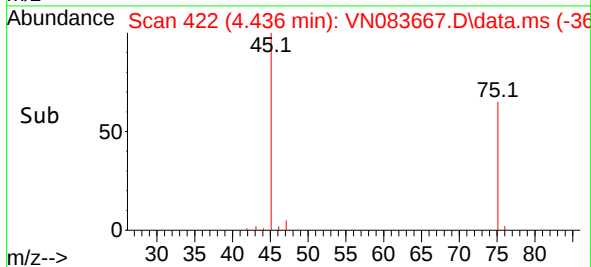
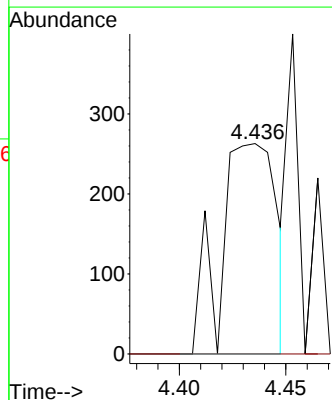
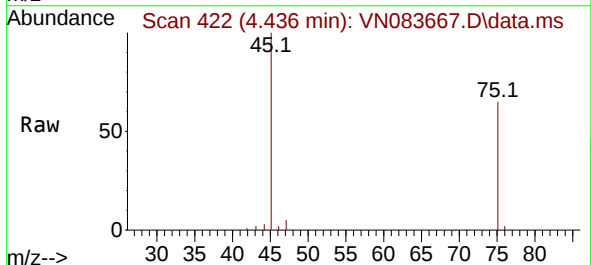
Instrument :
MSVOA_N
ClientSampleId :

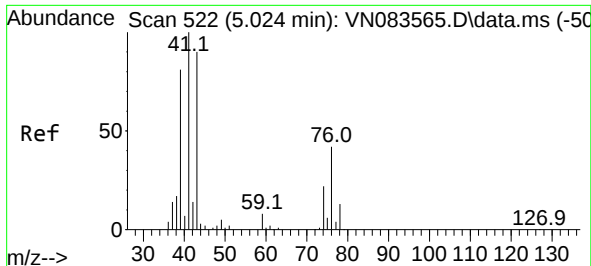
Tgt Ion: 64 Resp: 925
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#16
Acetone
Concen: 0.547 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

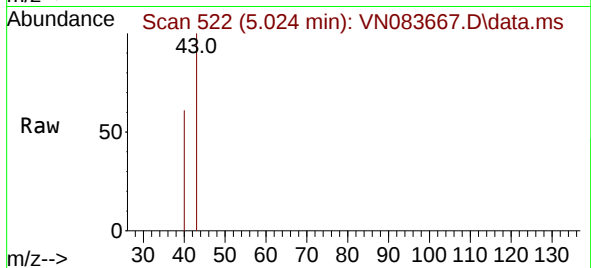
Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



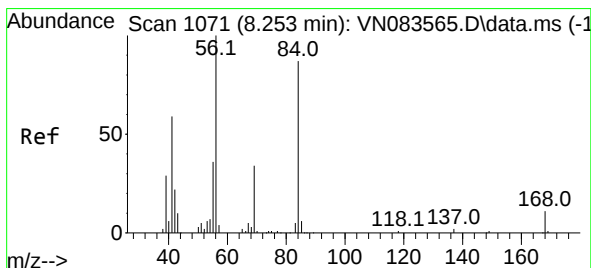
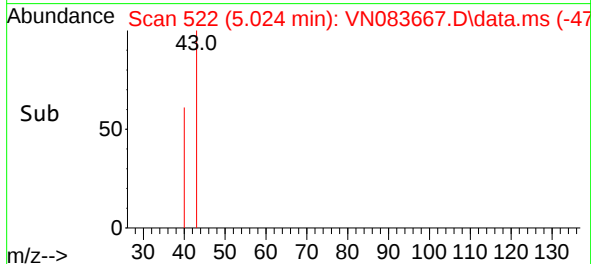
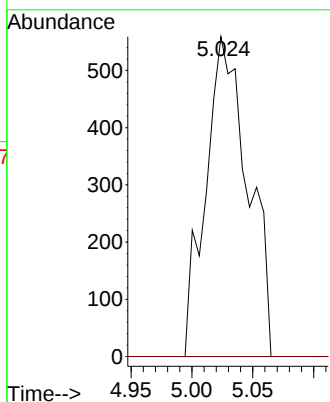


#18
Methyl Acetate
Concen: 0.578 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

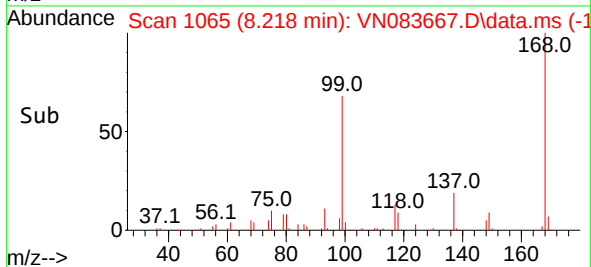
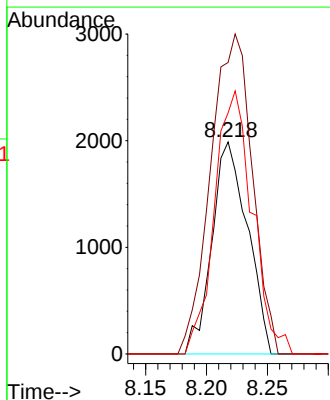
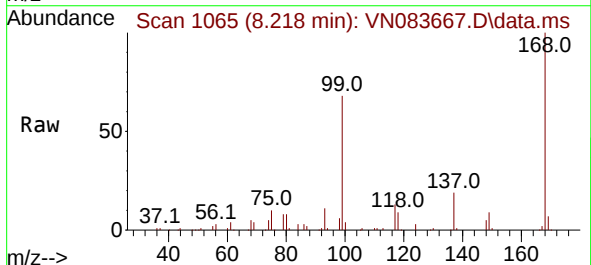


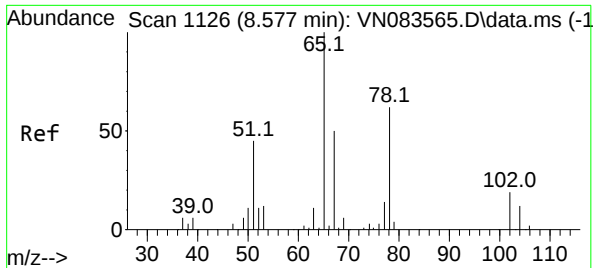
Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Tgt Ion: 56 Resp: 4045
Ion Ratio Lower Upper
56 100
69 137.5 26.9 40.3#
84 113.7 69.2 103.8#

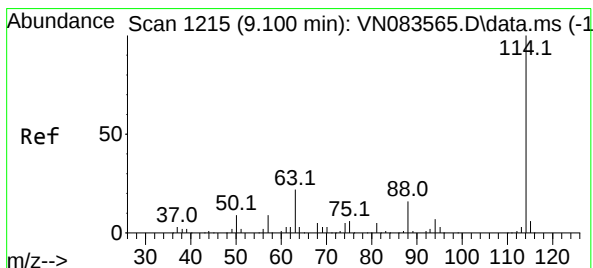
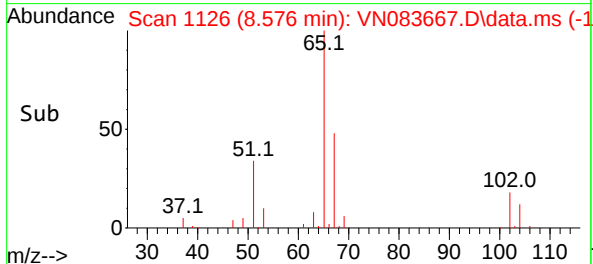
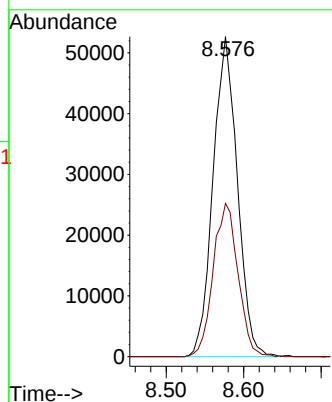
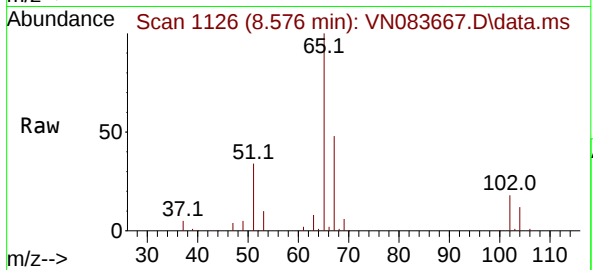




#33
 1,2-Dichloroethane-d4
 Concen: 51.964 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083667.D
 Acq: 05 Sep 2024 11:42

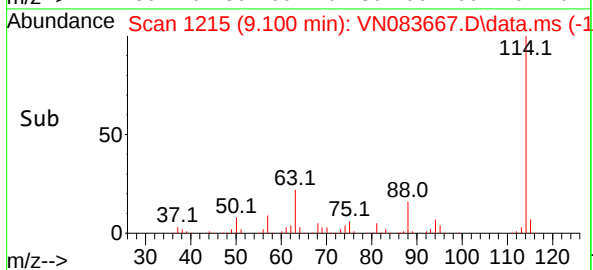
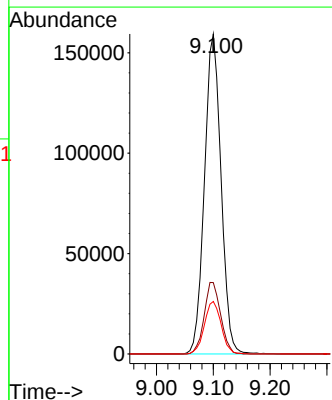
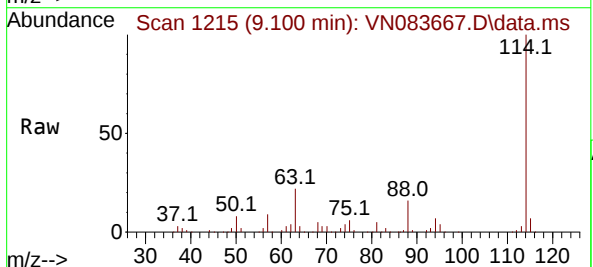
Instrument :
 MSVOA_N
 ClientSampleId :

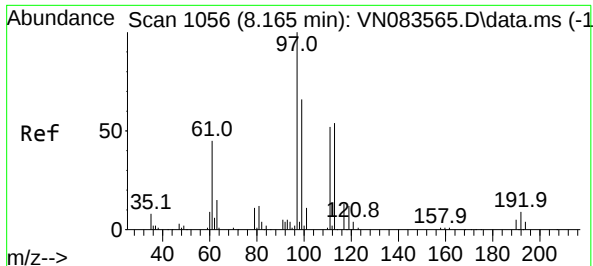
Tgt Ion: 65 Resp: 114614
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083667.D
 Acq: 05 Sep 2024 11:42

Tgt Ion: 114 Resp: 322489
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.4
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.234 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083667.D

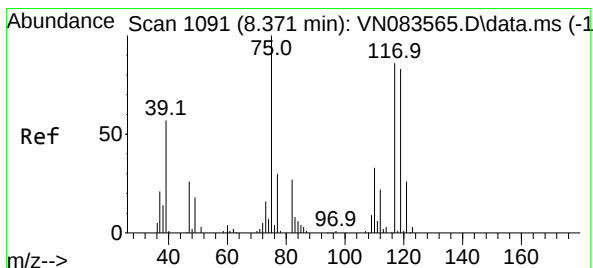
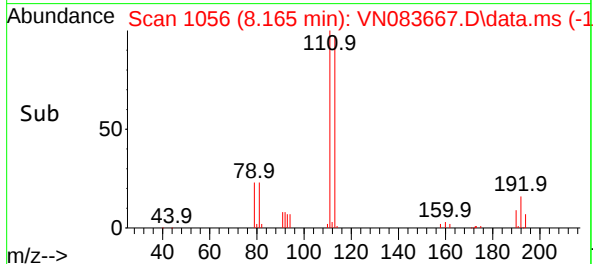
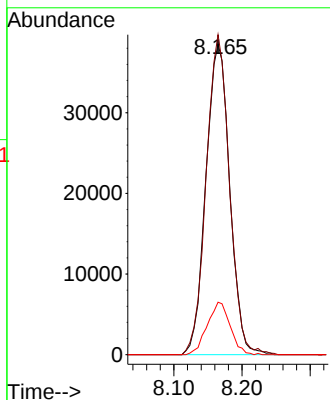
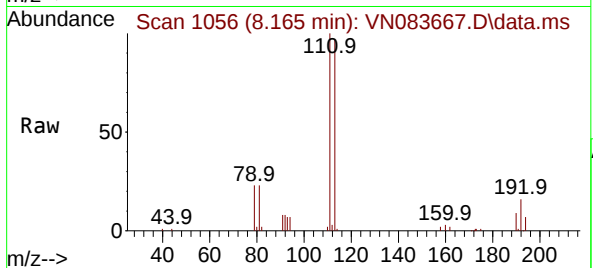
Acq: 05 Sep 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:113	Resp:	93621
Ion	Ratio	Lower Upper
113	100	
111	100.8	82.6 124.0
192	16.3	14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.873 ug/l

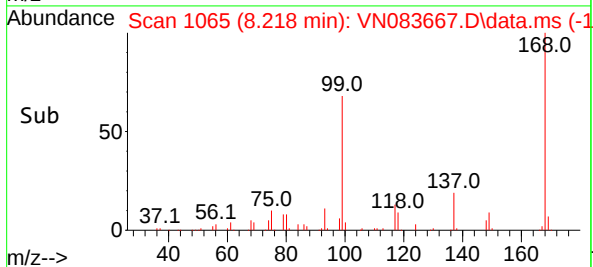
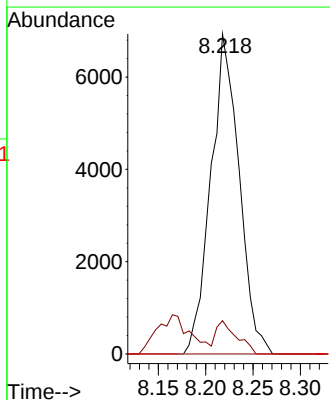
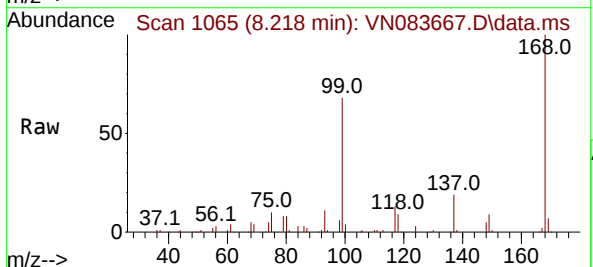
RT: 8.218 min Scan# 1065

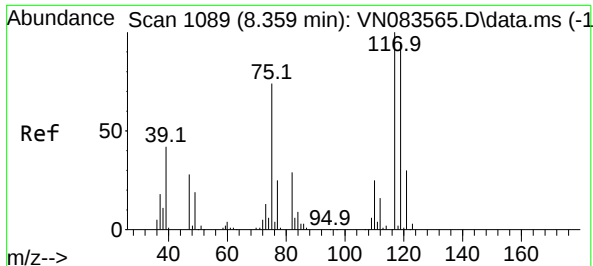
Delta R.T. -0.153 min

Lab File: VN083667.D

Acq: 05 Sep 2024 11:42

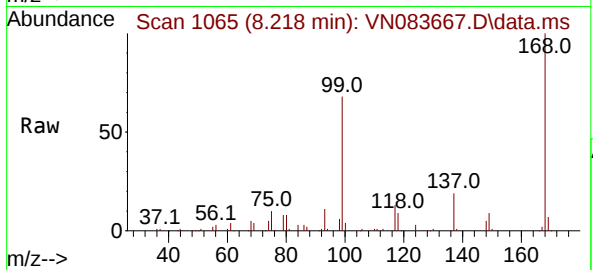
Tgt Ion: 75	Resp:	14427
Ion	Ratio	Lower Upper
75	100	
110	7.5	16.7 50.1#
77	0.0	25.2 37.8#



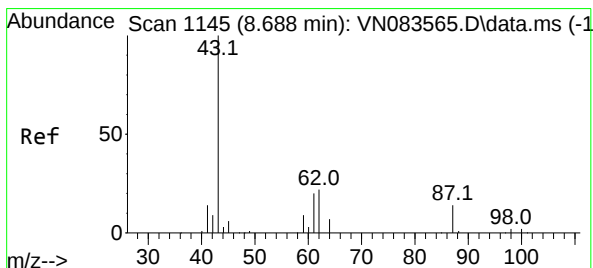
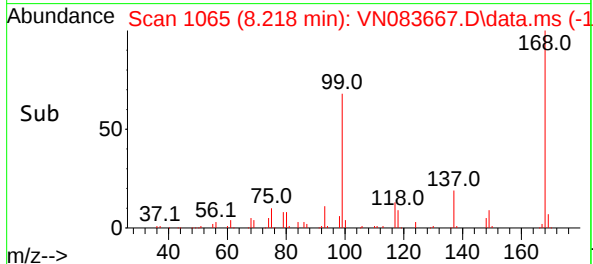
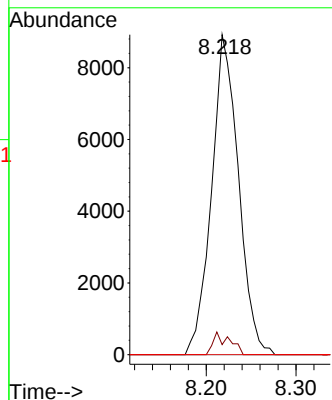


#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

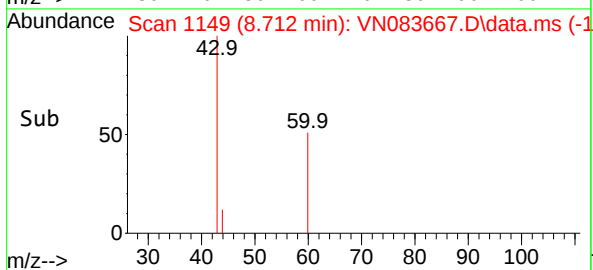
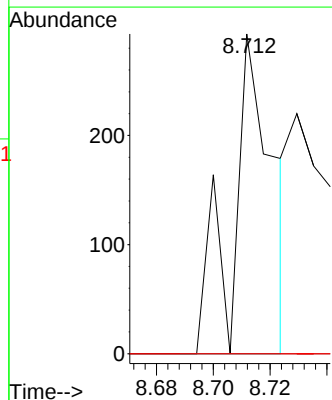
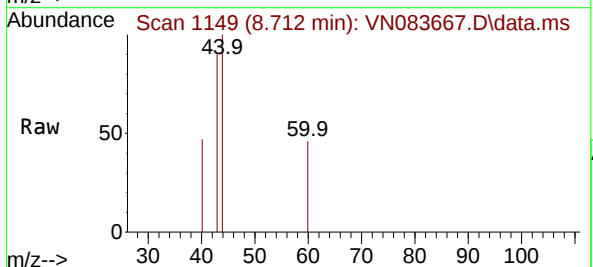


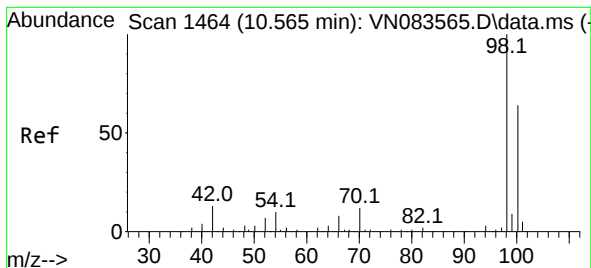
Tgt Ion:117 Resp: 18579
Ion Ratio Lower Upper
117 100
119 3.2 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#





#50

Toluene-d8

Concen: 44.247 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083667.D

Acq: 05 Sep 2024 11:42

Instrument :

MSVOA_N

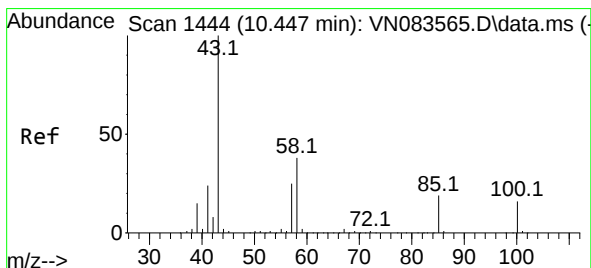
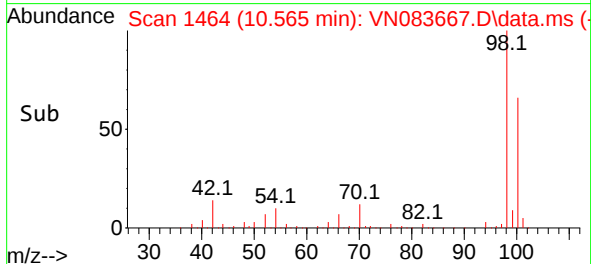
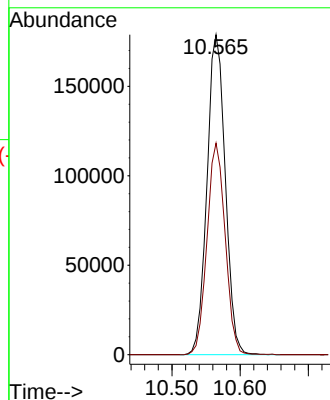
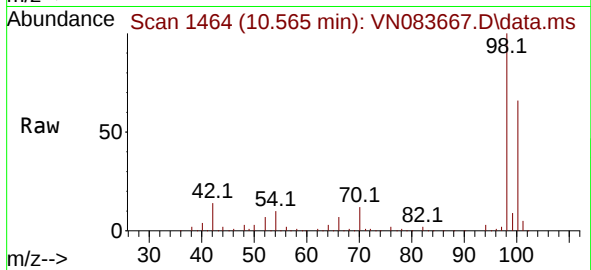
ClientSampleId :

Tgt Ion: 98 Resp: 333809

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.642 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.123 min

Lab File: VN083667.D

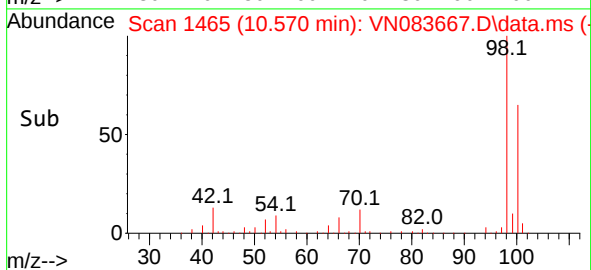
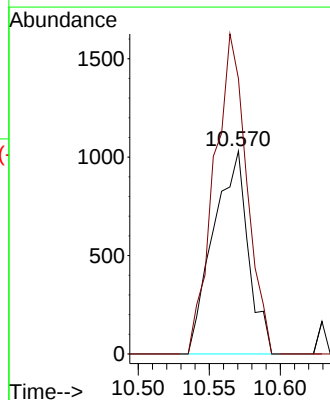
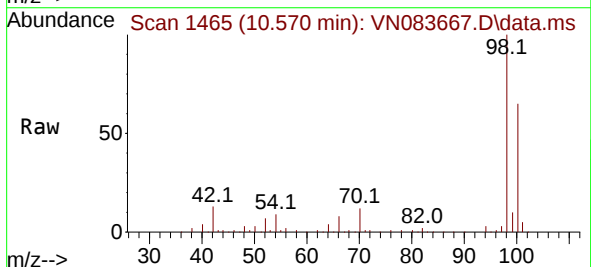
Acq: 05 Sep 2024 11:42

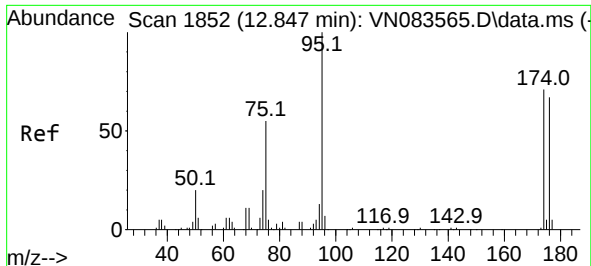
Tgt Ion: 43 Resp: 1758

Ion Ratio Lower Upper

43 100

58 147.8 31.6 47.4#

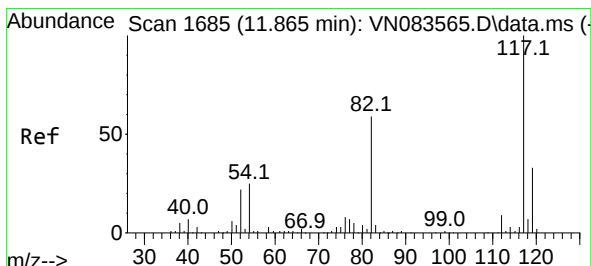
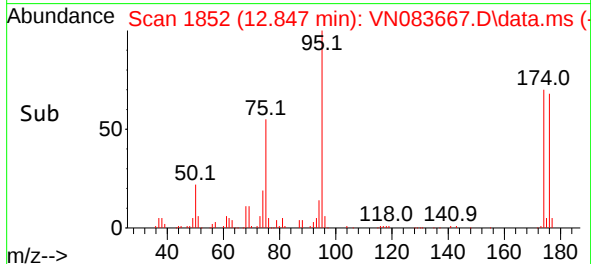
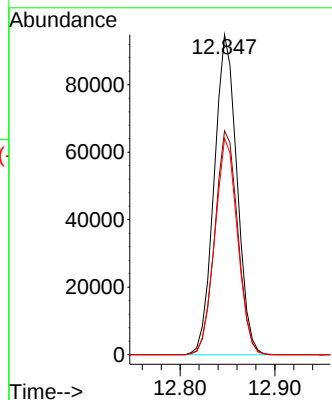
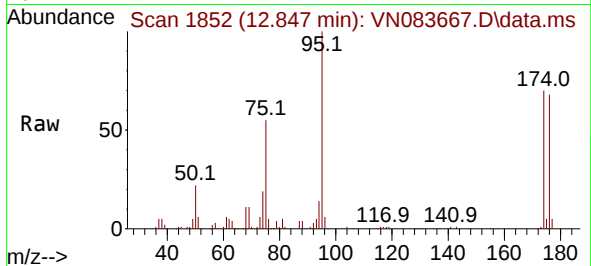




#62
4-Bromofluorobenzene
Concen: 56.768 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

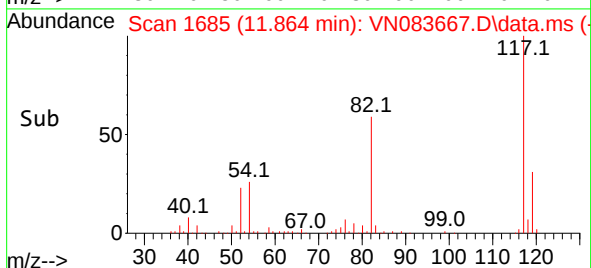
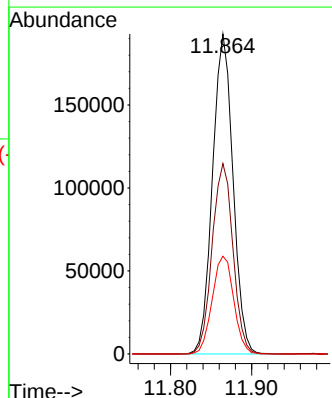
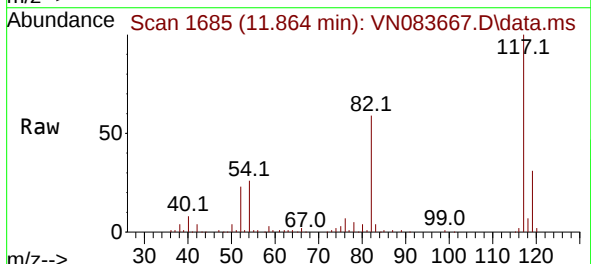
Instrument :
MSVOA_N
ClientSampleId :

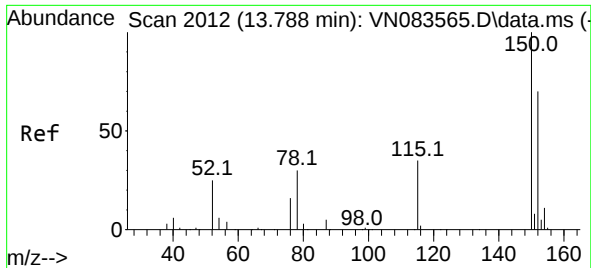
Tgt Ion: 95 Resp: 158953
Ion Ratio Lower Upper
95 100
174 70.5 0.0 139.8
176 67.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Tgt Ion: 117 Resp: 337730
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 30.6 26.3 39.5

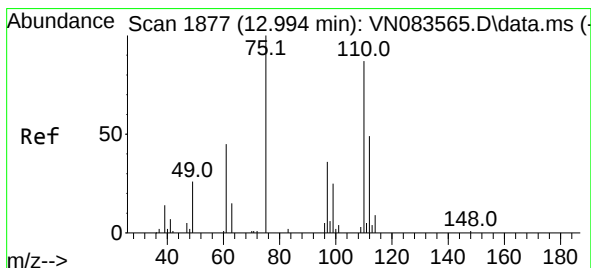
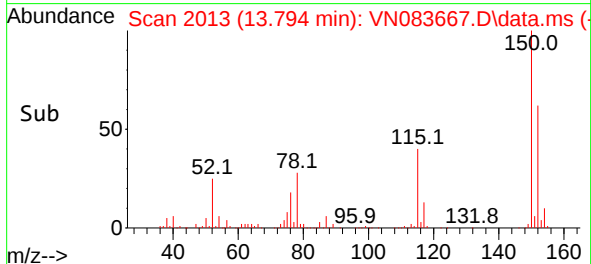
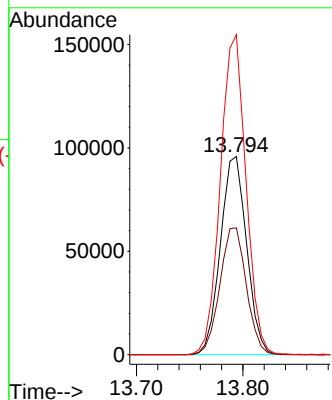
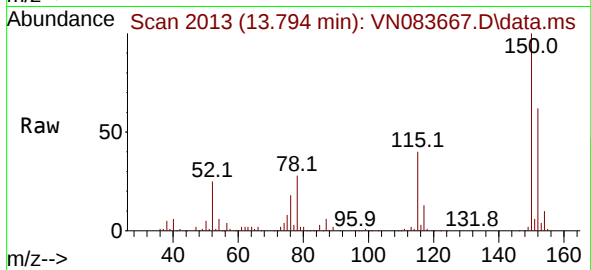




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

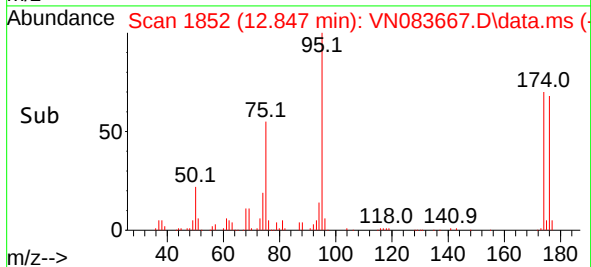
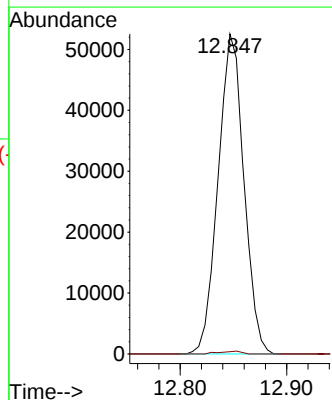
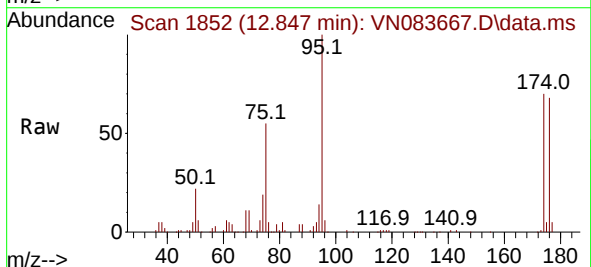
Instrument :
MSVOA_N
ClientSampleId :

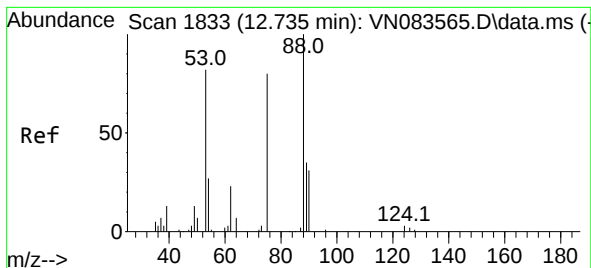
Tgt Ion:152 Resp: 163950
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 157.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 26.671 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Tgt Ion: 75 Resp: 88284
Ion Ratio Lower Upper
75 100
77 0.7 95.2 285.6#

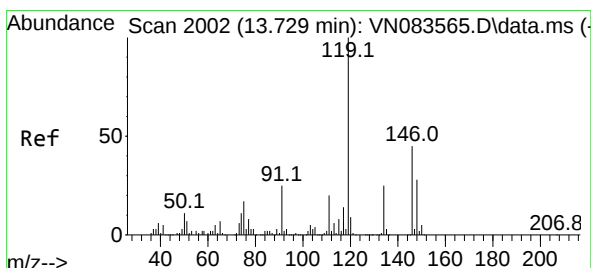
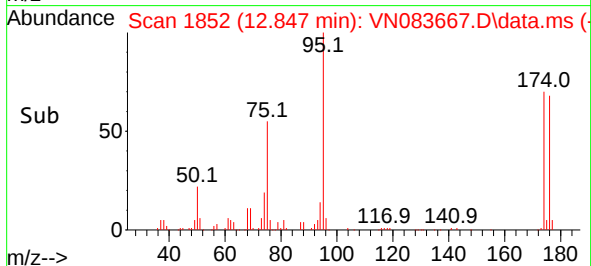
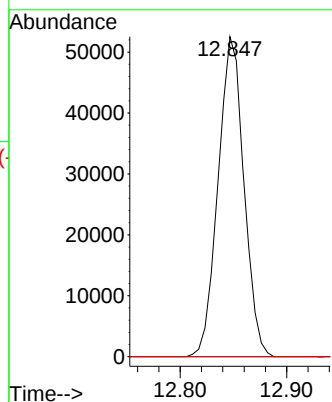
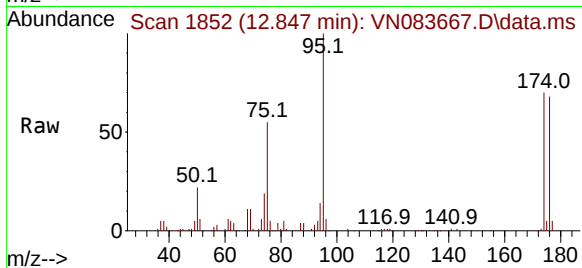




#81
trans-1,4-Dichloro-2-butene
Concen: 62.906 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

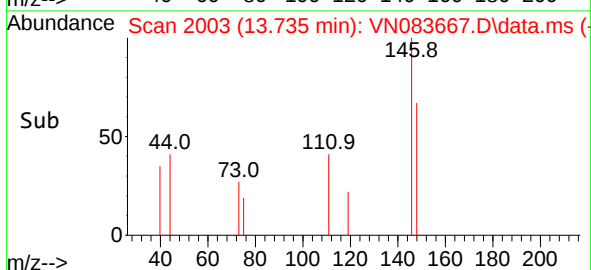
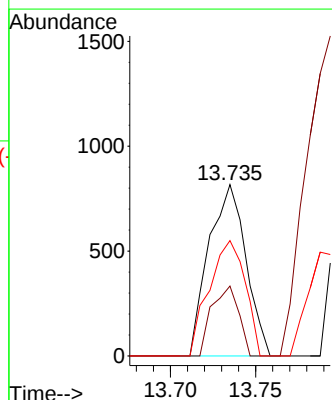
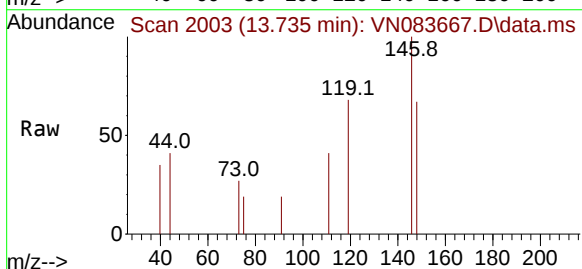
Instrument :
MSVOA_N
ClientSampleId :

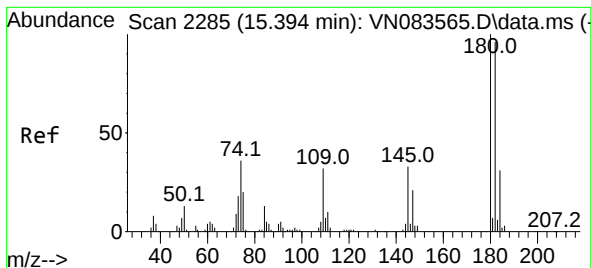
Tgt Ion: 75 Resp: 88284
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#87
1,3-Dichlorobenzene
Concen: 0.204 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083667.D
Acq: 05 Sep 2024 11:42

Tgt Ion:146 Resp: 1234
Ion Ratio Lower Upper
146 100
111 29.6 21.7 65.1
148 65.6 31.7 95.1





#93

1,2,4-Trichlorobenzene

Concen: 0.339 ug/l

RT: 15.394 min Scan# 2118

Delta R.T. -0.000 min

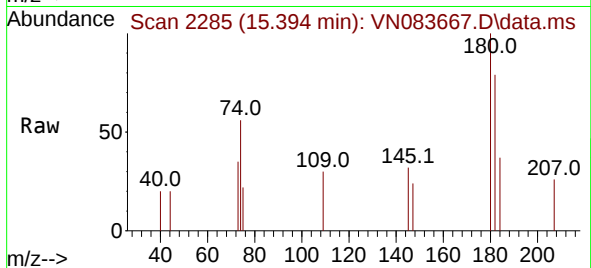
Lab File: VN083667.D

Acq: 05 Sep 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :



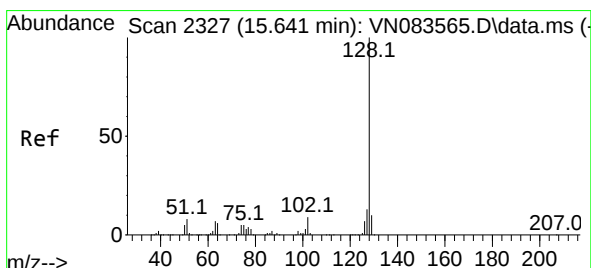
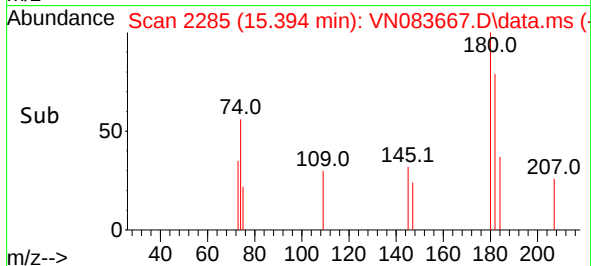
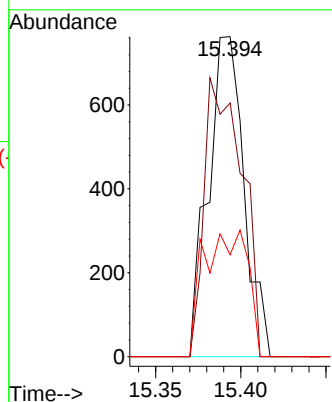
Tgt Ion:180 Resp: 1118

Ion	Ratio	Lower	Upper
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180	100		
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182	91.5	48.1	144.3
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145	48.3	16.9	50.7
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#95

Naphthalene

Concen: 0.251 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN083667.D

Acq: 05 Sep 2024 11:42

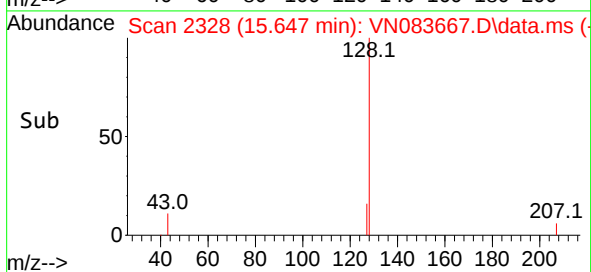
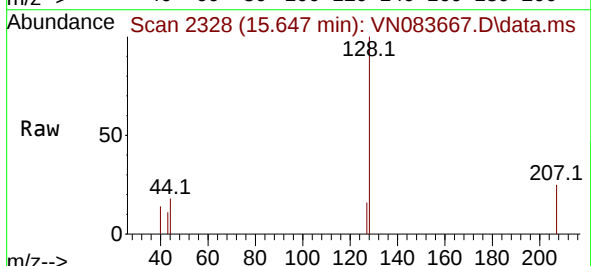
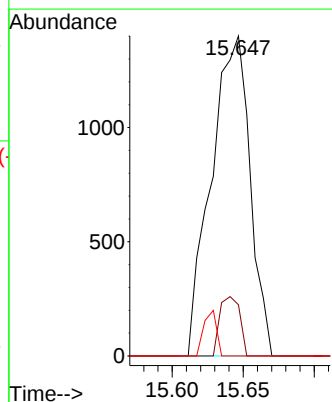
Tgt Ion:128 Resp: 2660

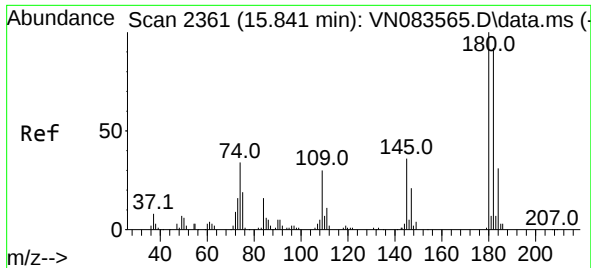
Ion	Ratio	Lower	Upper
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128	100		
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127	9.5	10.2	15.2#
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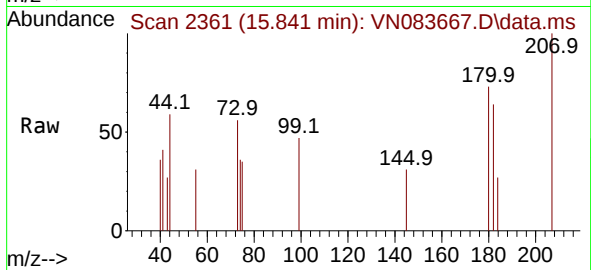
129	4.7	8.7	13.1#
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#96
 1,2,3-Trichlorobenzene
 Concen: 0.258 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083667.D
 Acq: 05 Sep 2024 11:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180	Resp:	849
Ion Ratio	Lower	Upper
180	100	
182	88.9	47.1 141.4
145	17.8	17.8 53.5#

