

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083392.D
 Acq On : 20 Aug 2024 11:24
 Operator : JC\MD
 Sample : VN0820MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 21 02:22:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

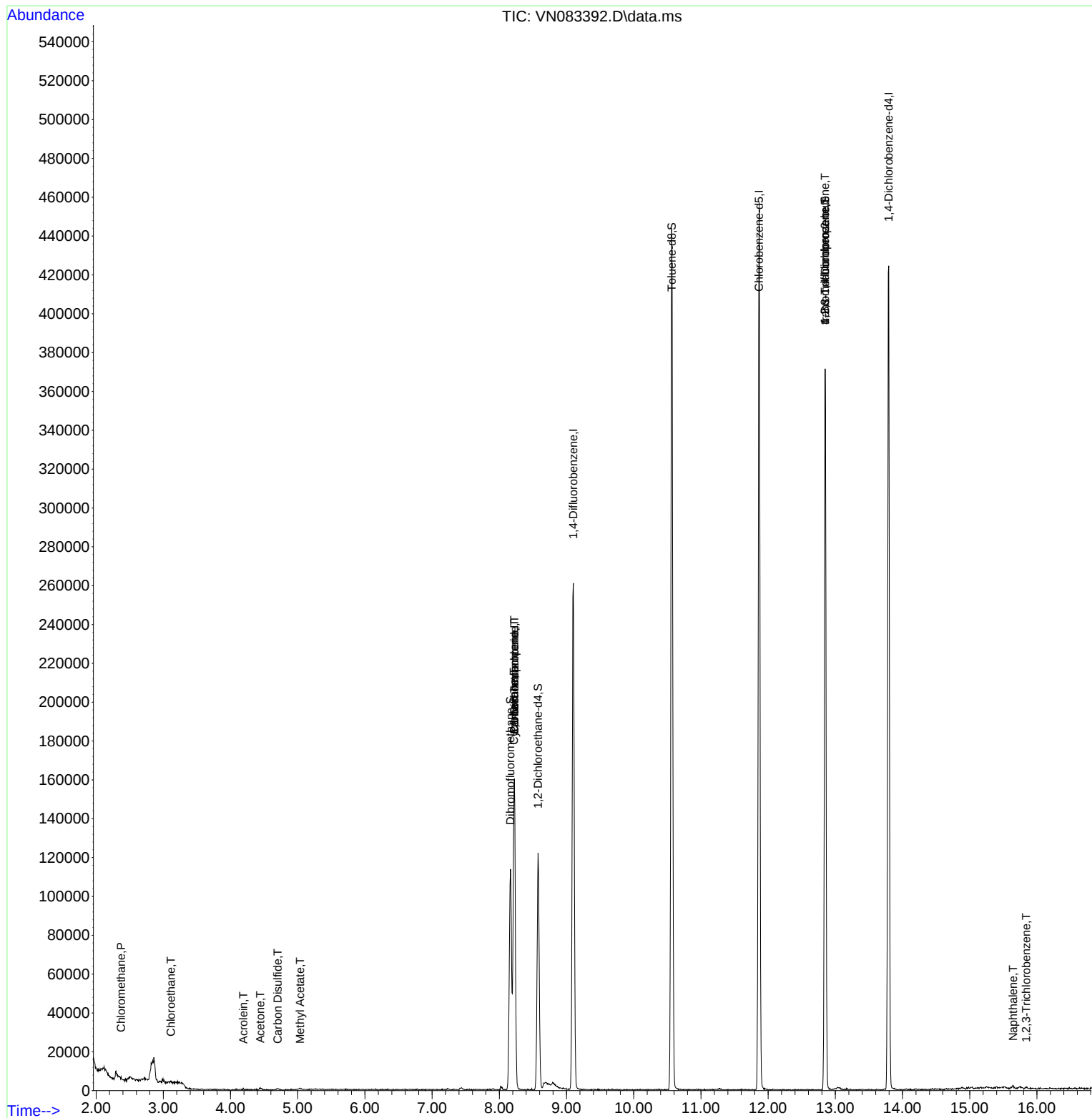
Internal Standards						
1) Pentafluorobenzene	8.224	168	112452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101887	63.654	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 127.300%#			
35) Dibromofluoromethane	8.165	113	83284	58.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.700%			
50) Toluene-d8	10.565	98	305648	57.895	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.800%#			
62) 4-Bromofluorobenzene	12.847	95	130275	63.296	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 126.600%#			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	512	0.392	ug/l #	43
6) Chloroethane	3.112	64	301	0.361	ug/l #	41
13) Acrolein	4.189	56	56	0.258	ug/l #	71
16) Acetone	4.442	43	215	0.343	ug/l #	48
17) Carbon Disulfide	4.700	76	1332	0.365	ug/l #	75
18) Methyl Acetate	5.036	43	996	0.534	ug/l #	70
31) Cyclohexane	8.218	56	3041	1.282	ug/l #	19
36) 1,1-Dichloropropene	8.224	75	10361	4.839	ug/l #	52
38) Carbon Tetrachloride	8.224	117	12898	5.349	ug/l #	15
43) Isopropyl Acetate	8.683	43	3408	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.847	75	71127	28.612	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71127	62.238	ug/l #	6
95) Naphthalene	15.647	128	2435	0.320	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.841	180	583	0.274	ug/l #	55

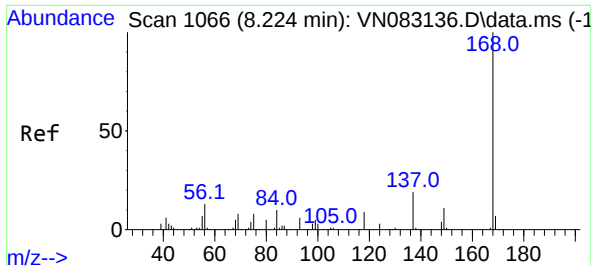
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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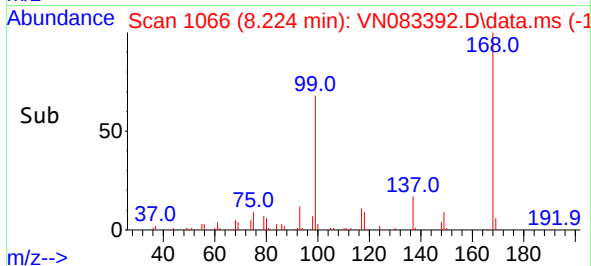
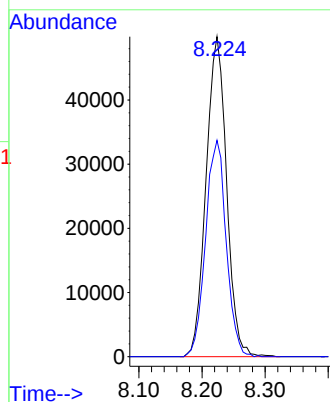
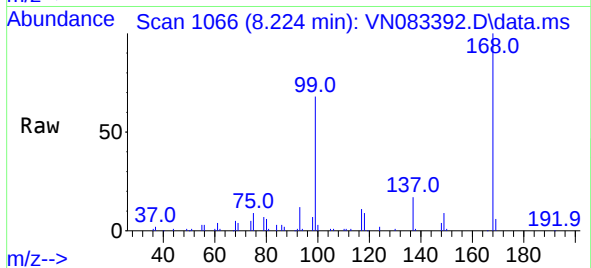




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

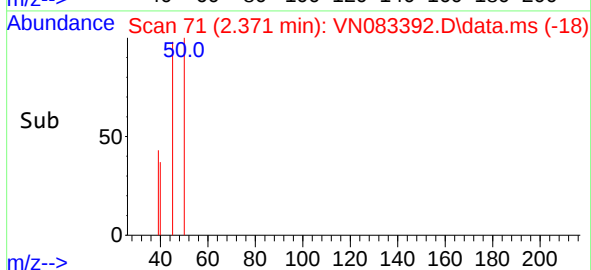
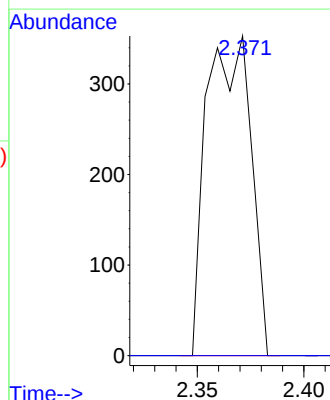
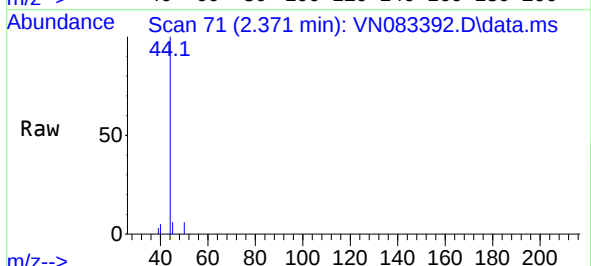
Instrument :
MSVOA_N
ClientSampleId :

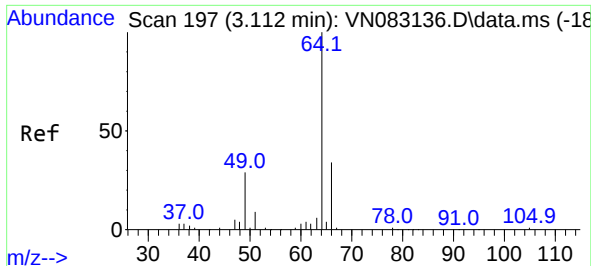
Tgt Ion:168 Resp: 112452
Ion Ratio Lower Upper
168 100
99 67.6 48.2 72.4



#3
Chloromethane
Concen: 0.392 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

Tgt Ion: 50 Resp: 512
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

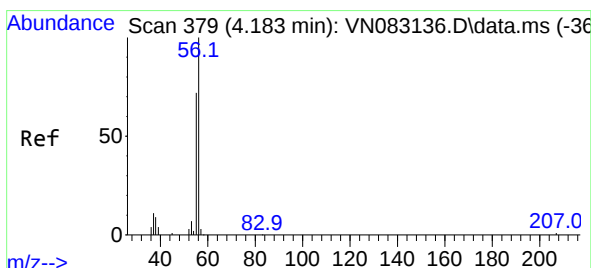
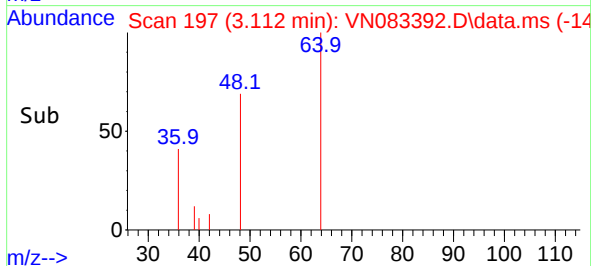
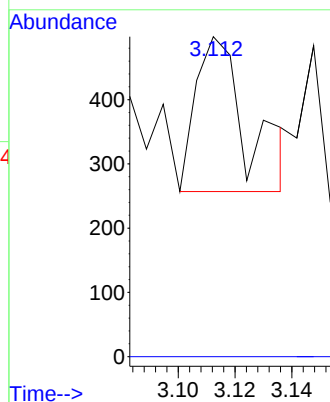
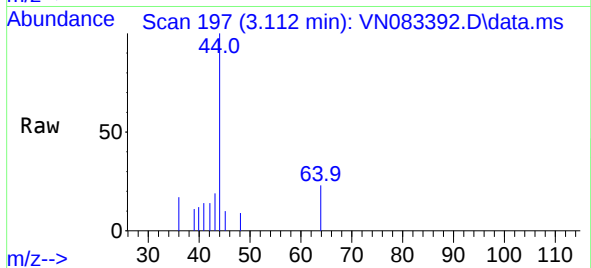




#6
Chloroethane
Concen: 0.361 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

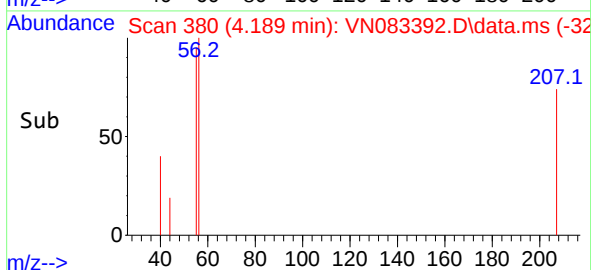
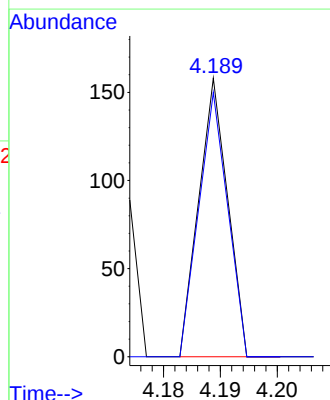
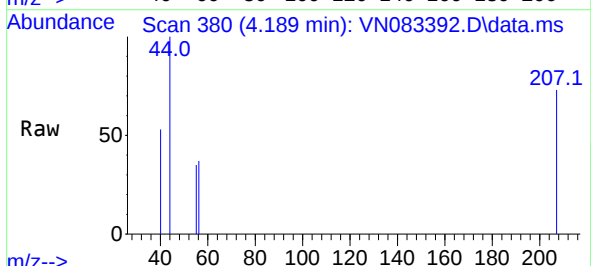
Instrument :
MSVOA_N
ClientSampleId :

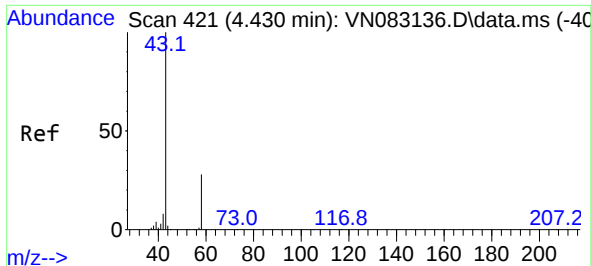
Tgt Ion: 64 Resp: 301
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#13
Acrolein
Concen: 0.258 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

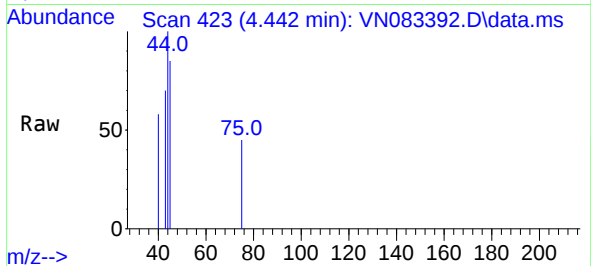
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 94.6 56.4 84.6#



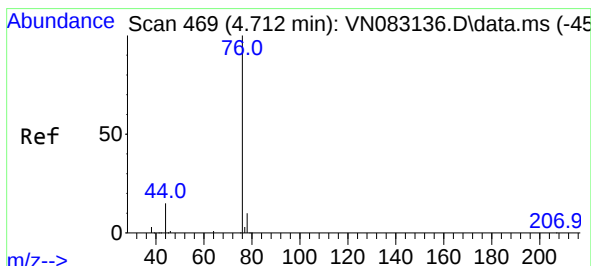
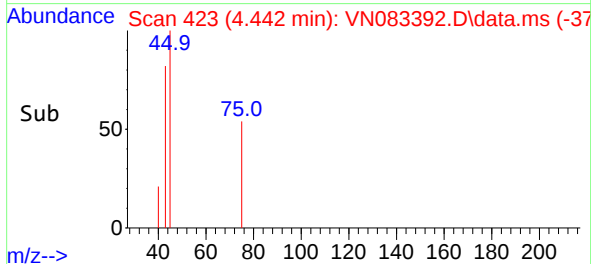
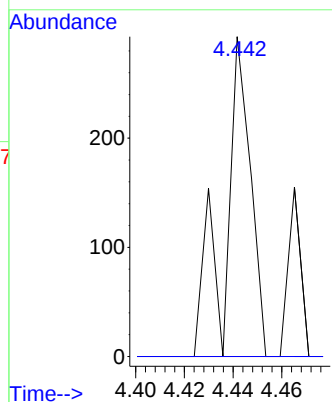


#16
Acetone
Concen: 0.343 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :

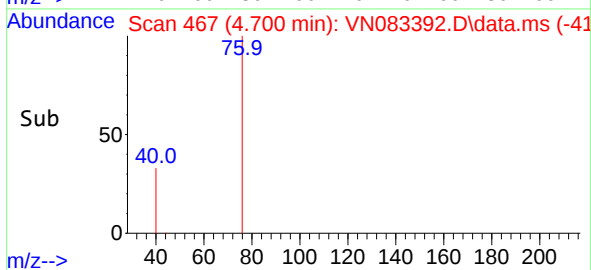
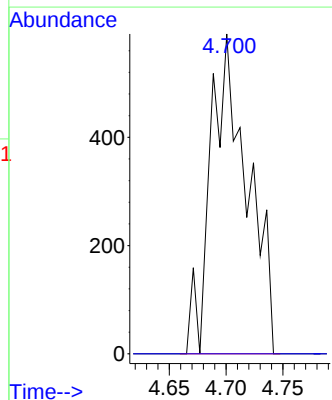
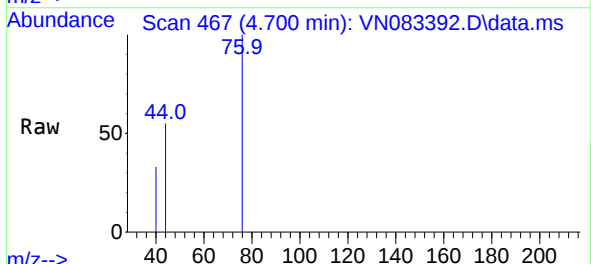


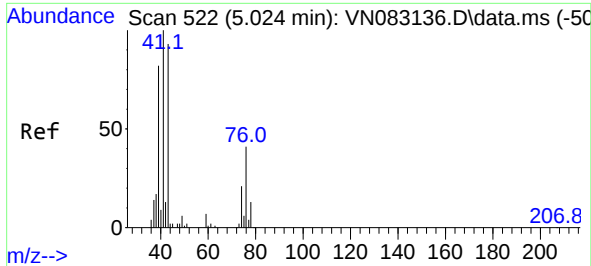
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.365 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

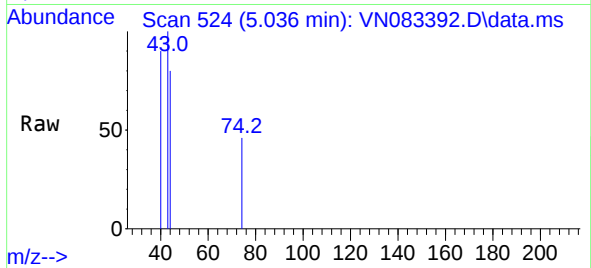
Tgt Ion: 76 Resp: 1332
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



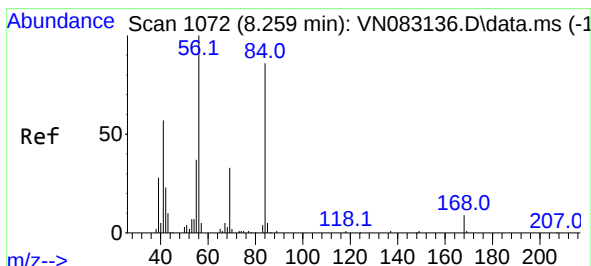
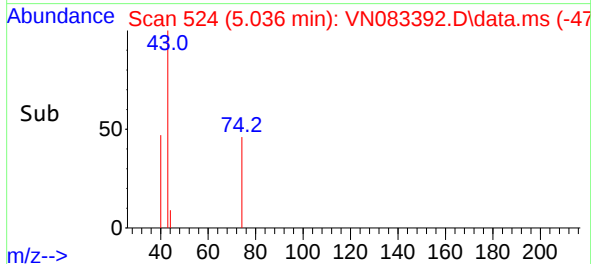
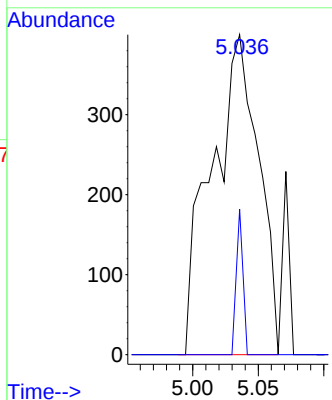


#18
Methyl Acetate
Concen: 0.534 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :

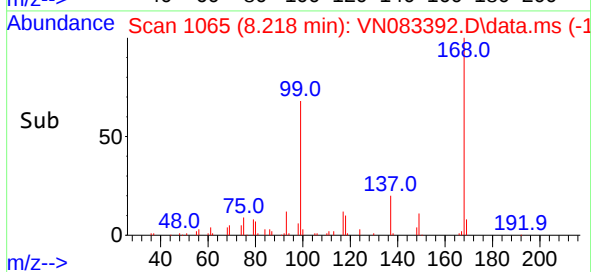
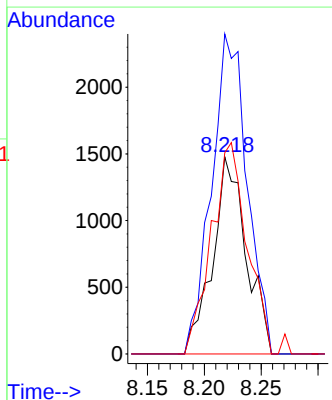
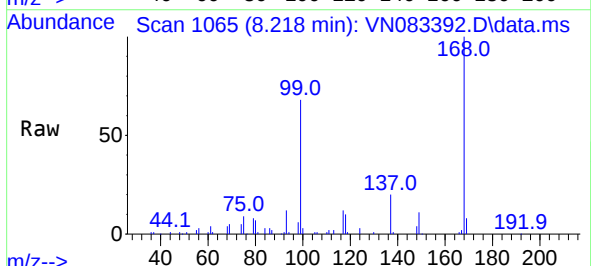


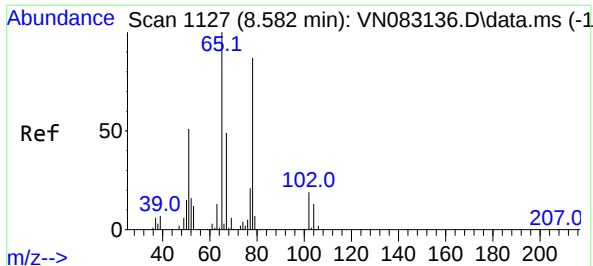
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
74 6.4 16.3 24.5#



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

Tgt Ion: 56 Resp: 3041
Ion Ratio Lower Upper
56 100
69 162.3 24.5 36.7#
84 102.0 66.0 99.0#

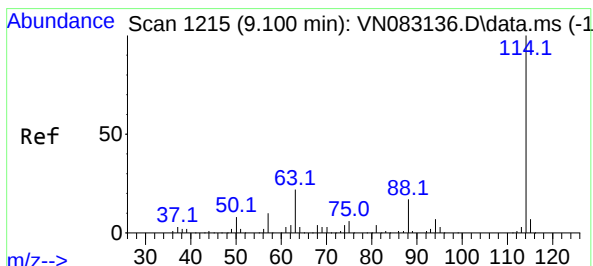
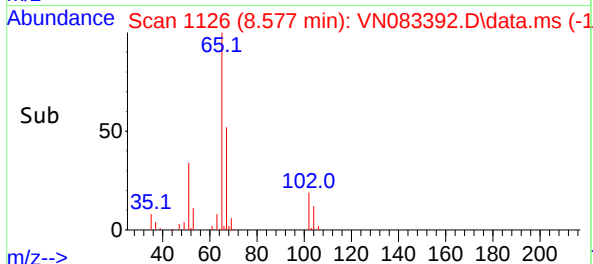
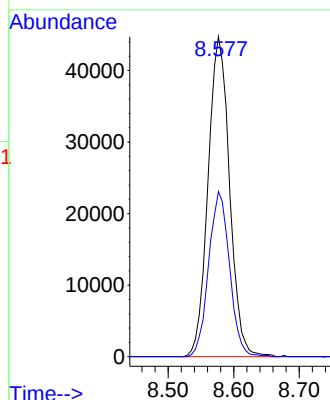
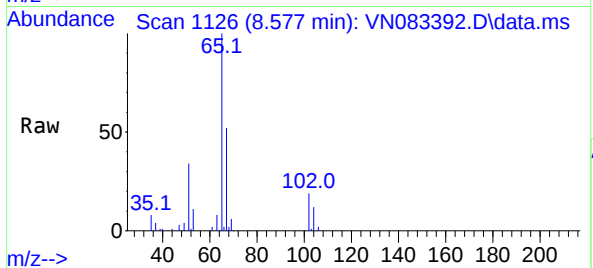




#33
1,2-Dichloroethane-d4
Concen: 63.654 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

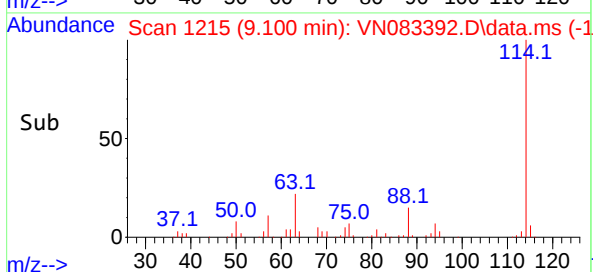
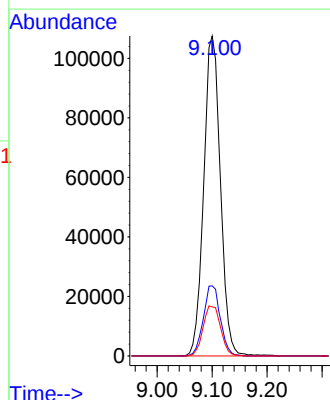
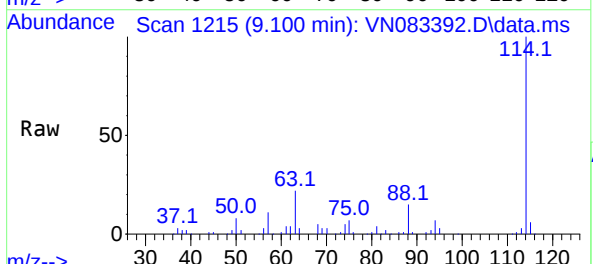
Instrument :
MSVOA_N
ClientSampleId :

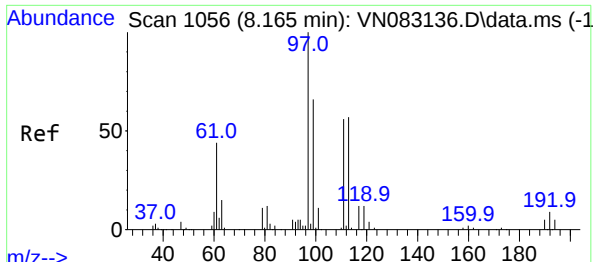
Tgt Ion: 65 Resp: 101887
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

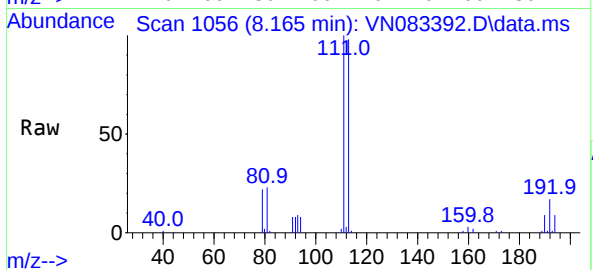
Tgt Ion: 114 Resp: 226743
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.6
88 15.3 0.0 31.4



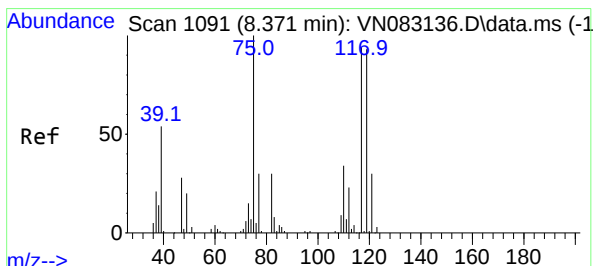
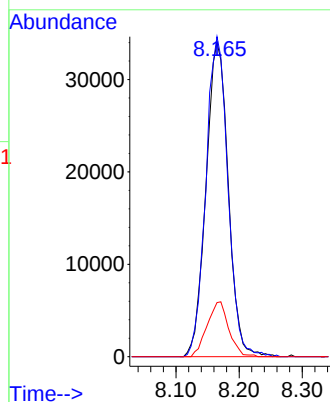
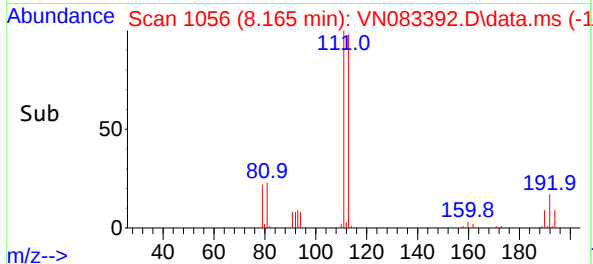


#35
Dibromofluoromethane
Concen: 58.846 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

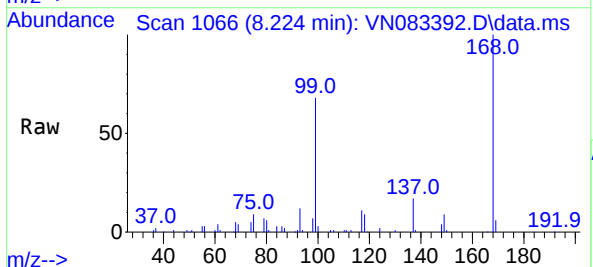
Instrument :
MSVOA_N
ClientSampleId :



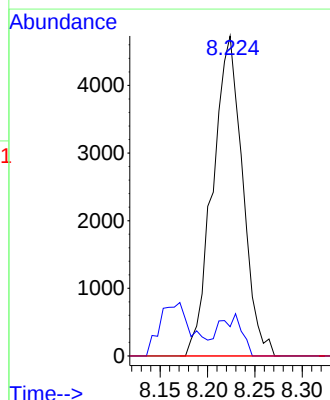
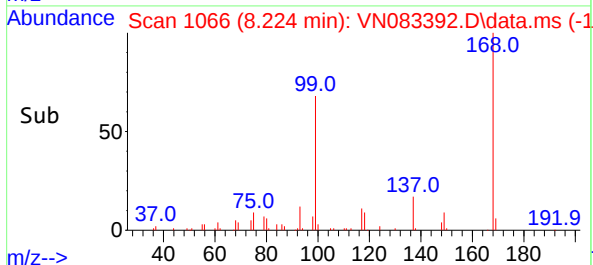
Tgt Ion:113 Resp: 83284
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 17.0 14.9 22.3

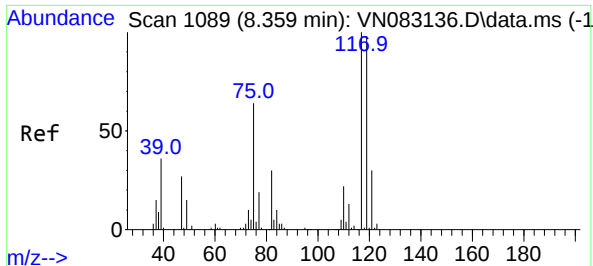


#36
1,1-Dichloropropene
Concen: 4.839 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24



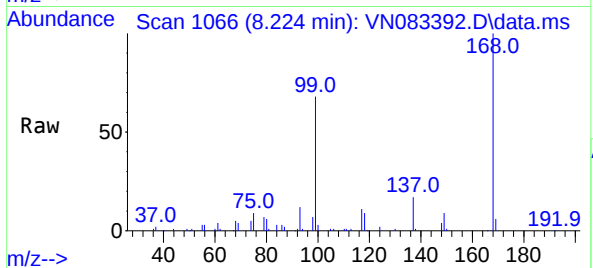
Tgt Ion: 75 Resp: 10361
Ion Ratio Lower Upper
75 100
110 10.1 16.3 48.9#
77 0.0 24.6 37.0#



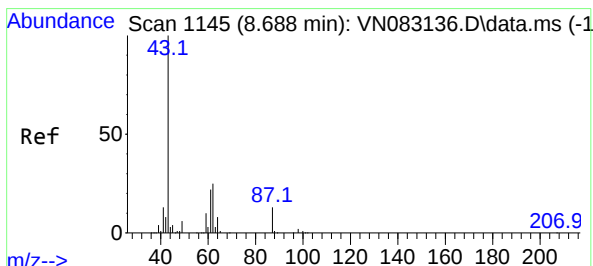
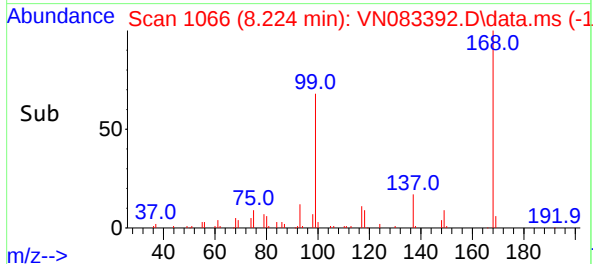
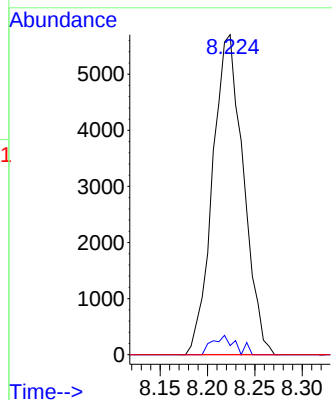


#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :

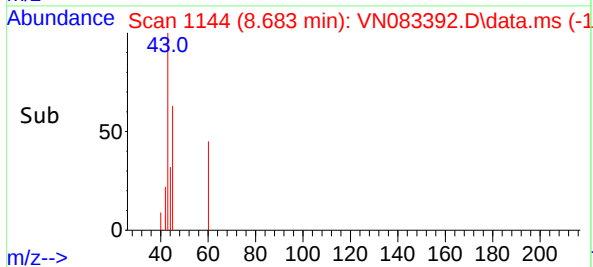
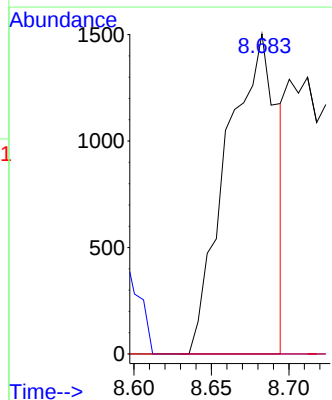
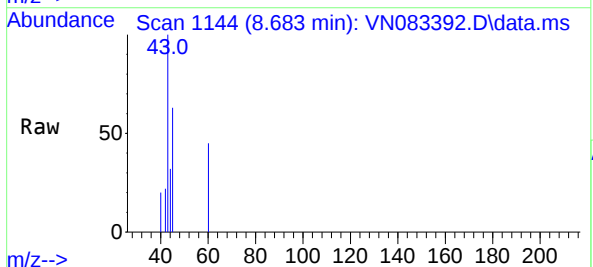


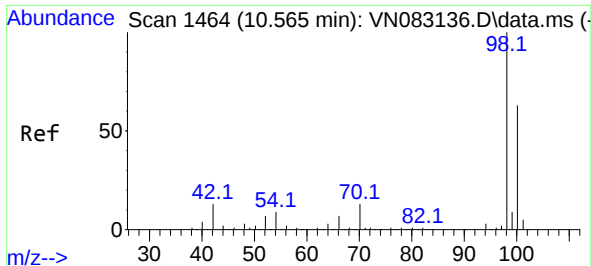
Tgt Ion:117 Resp: 12898
Ion Ratio Lower Upper
117 100
119 2.9 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.683 min Scan# 1144
Delta R.T. -0.005 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

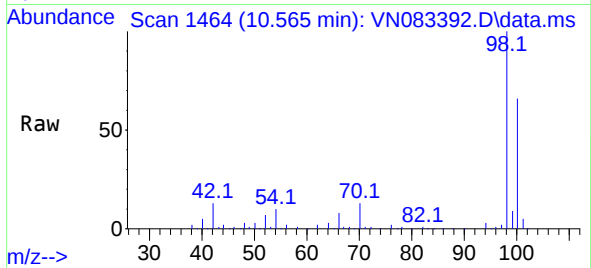
Tgt Ion: 43 Resp: 3408
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



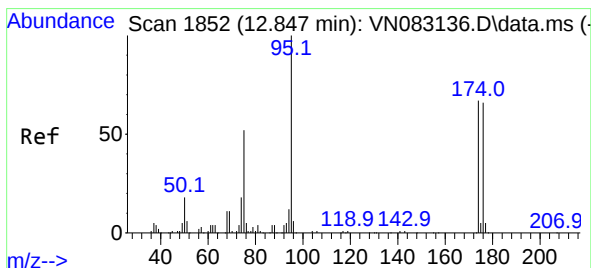
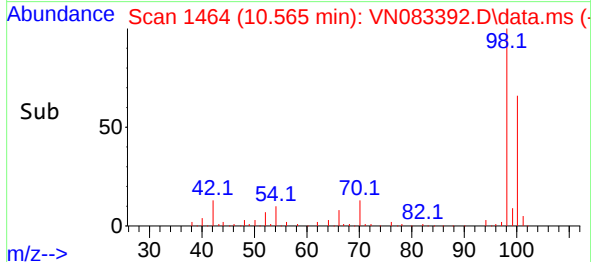
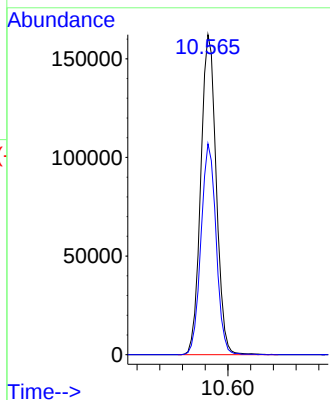


#50
Toluene-d8
Concen: 57.895 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :

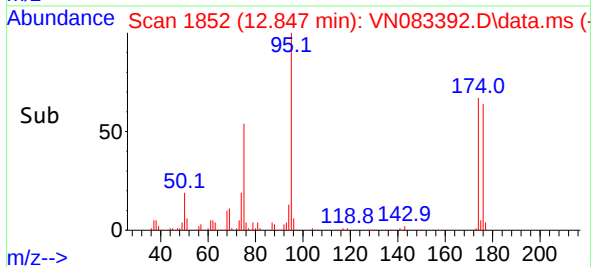
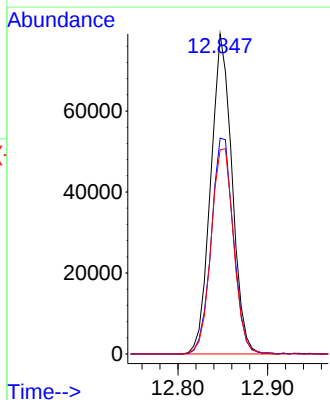
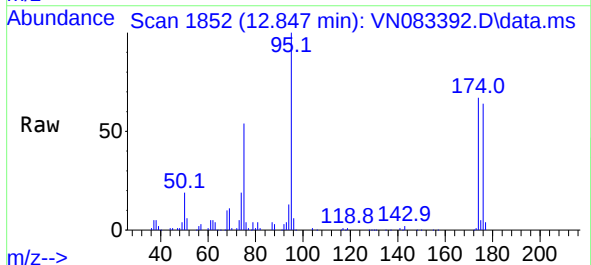


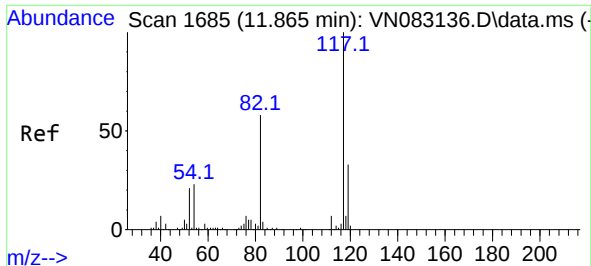
Tgt Ion: 98 Resp: 305648
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 63.296 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

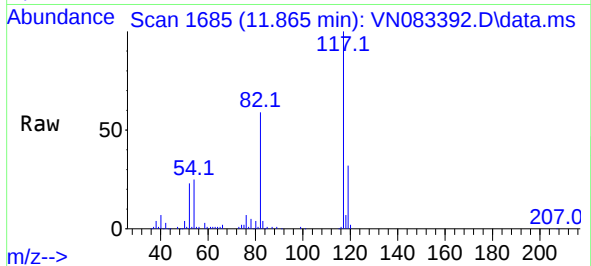
Tgt Ion: 95 Resp: 130275
Ion Ratio Lower Upper
95 100
174 70.1 0.0 159.2
176 67.8 0.0 147.6





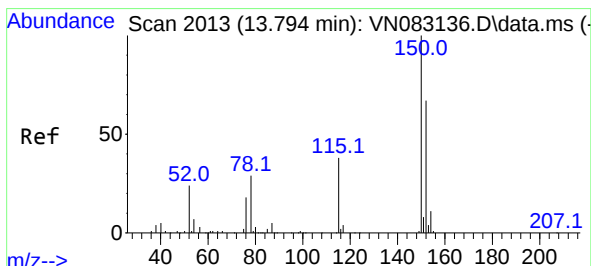
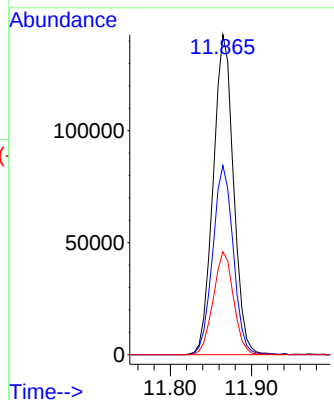
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 248844

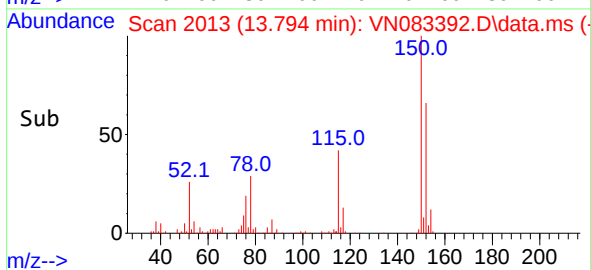
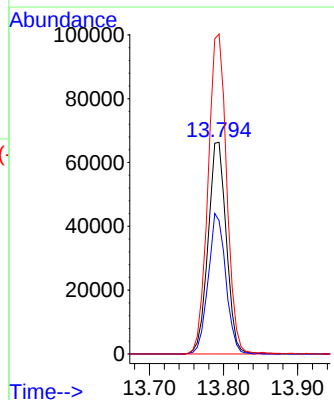
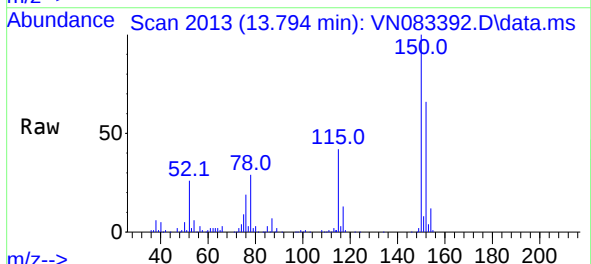
Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.5	71.3
119	32.2	25.6	38.4

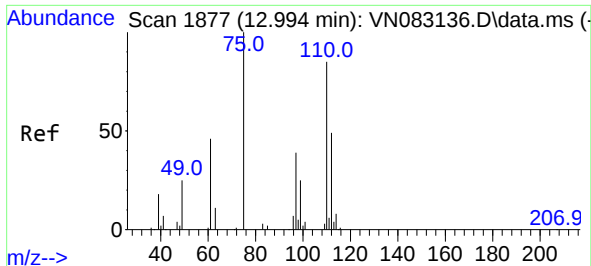


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

Tgt Ion:152 Resp: 113267

Ion	Ratio	Lower	Upper
152	100		
115	64.1	30.6	91.6
150	154.2	0.0	348.6

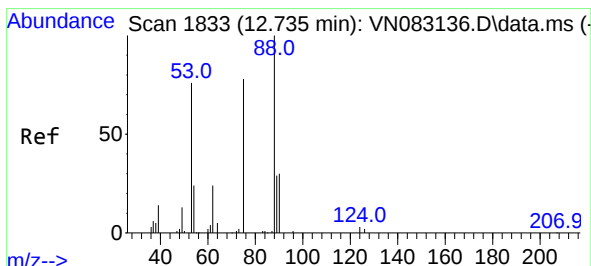
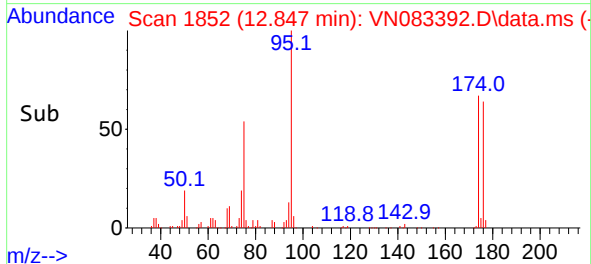
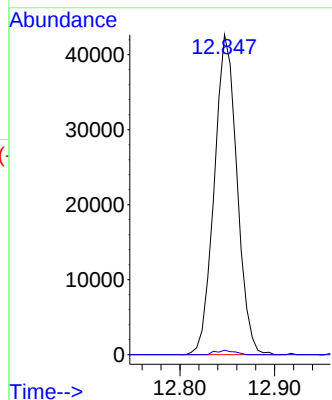
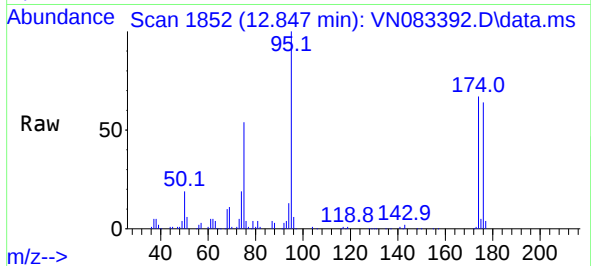




#76
1,2,3-Trichloropropane
Concen: 28.612 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

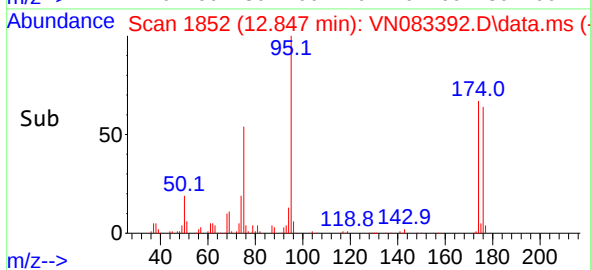
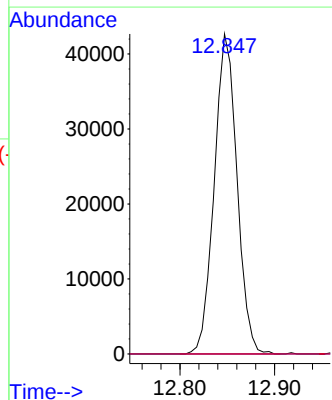
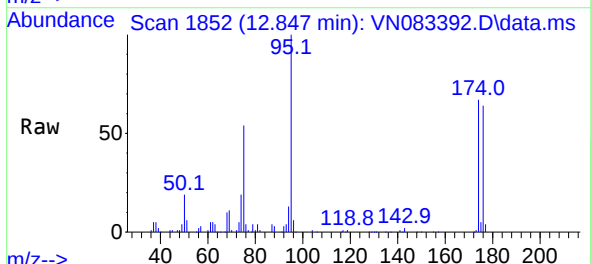
Instrument :
MSVOA_N
ClientSampleId :

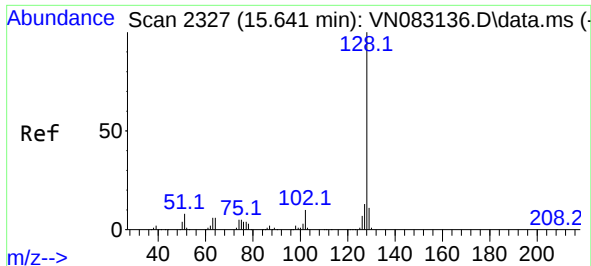
Tgt Ion: 75 Resp: 71127
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.238 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

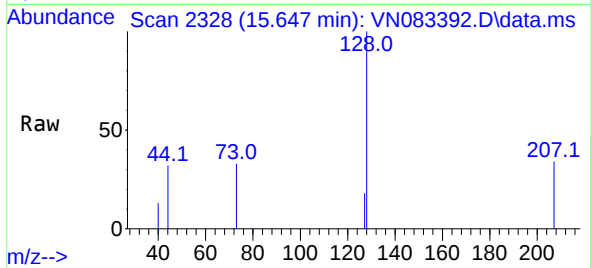
Tgt Ion: 75 Resp: 71127
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



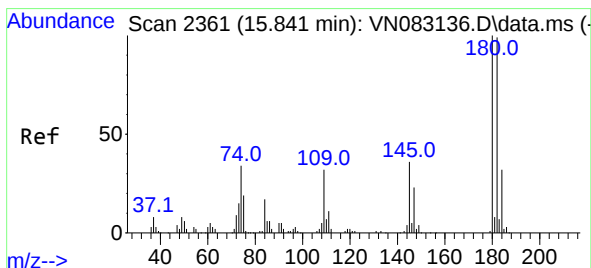
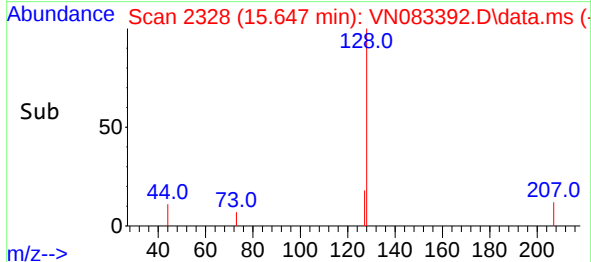
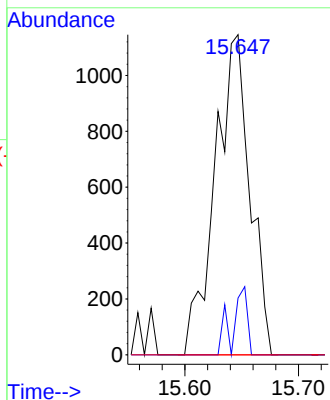


#95
Naphthalene
Concen: 0.320 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2435
Ion Ratio Lower Upper
128 100
127 9.1 10.6 16.0#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.274 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083392.D
Acq: 20 Aug 2024 11:24

Tgt Ion:180 Resp: 583
Ion Ratio Lower Upper
180 100
182 57.6 48.9 146.8
145 0.0 16.8 50.4#

