

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083410.D
 Acq On : 21 Aug 2024 15:41
 Operator : JC\MD
 Sample : VN0821WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 22 01:47:23 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)

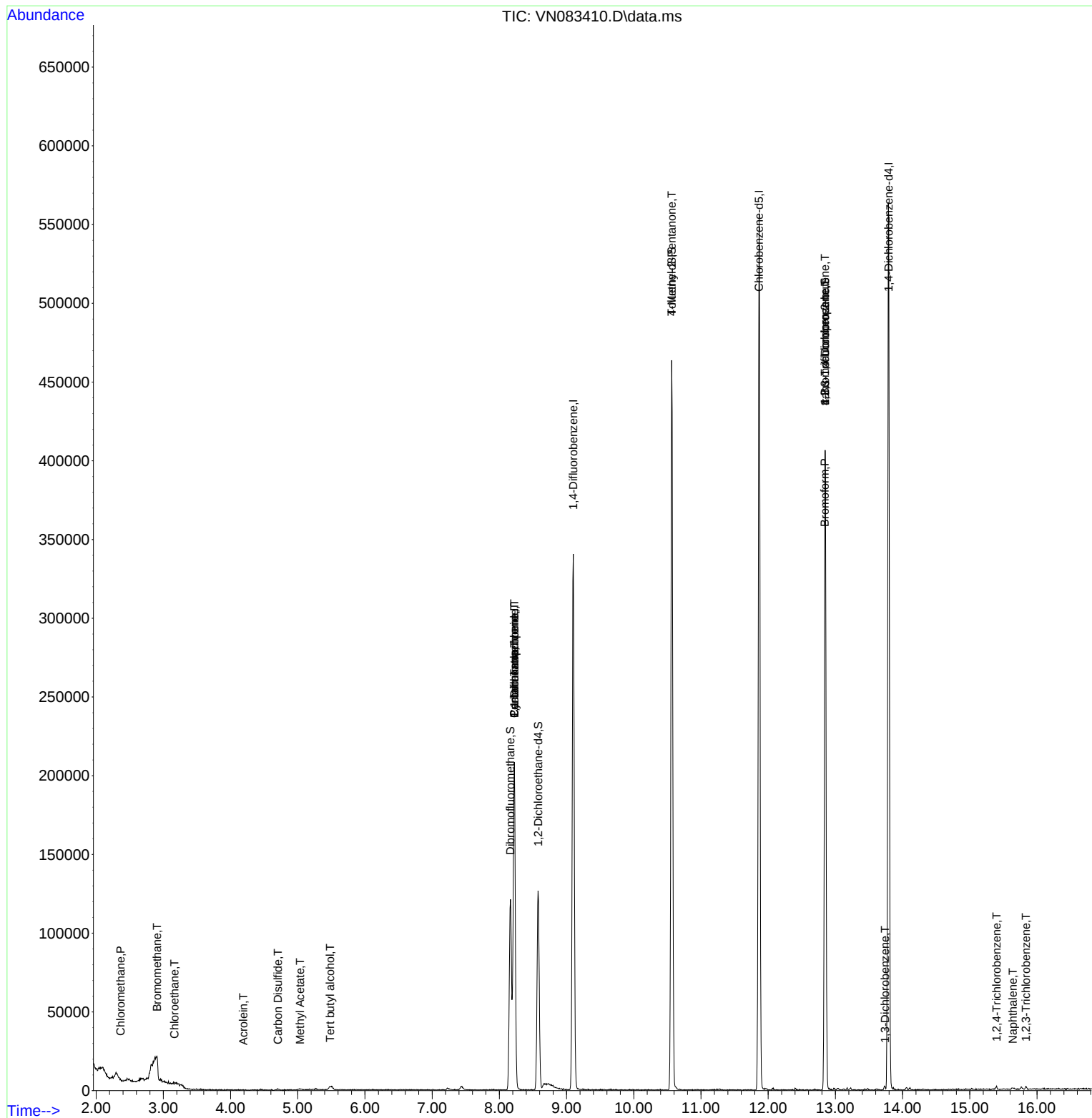
Internal Standards						
1) Pentafluorobenzene	8.224	168	140763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	109289	54.546	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.100%
35) Dibromofluoromethane	8.165	113	88032	49.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.960%
50) Toluene-d8	10.565	98	314235	47.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.847	95	145436	56.215	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	439	0.269	ug/l #	43
5) Bromomethane	2.906	94	292	0.282	ug/l #	77
6) Chloroethane	3.165	64	349	0.335	ug/l #	41
11) Tert butyl alcohol	5.483	59	2671	6.415	ug/l #	71
13) Acrolein	4.189	56	149	0.549	ug/l #	14
17) Carbon Disulfide	4.706	76	1440	0.315	ug/l #	75
18) Methyl Acetate	5.036	43	1411	0.604	ug/l #	56
31) Cyclohexane	8.224	56	3660	1.233	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12862	4.779	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16089	5.308	ug/l #	16
43) Isopropyl Acetate	8.665	43	2076	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1429	0.502	ug/l #	1
71) Bromoform	12.841	173	395	0.221	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	79937	25.198	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79937	54.813	ug/l #	6
87) 1,3-Dichlorobenzene	13.741	146	1017	0.201	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	770	0.281	ug/l #	87
95) Naphthalene	15.641	128	2033	0.209	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	714	0.263	ug/l	93

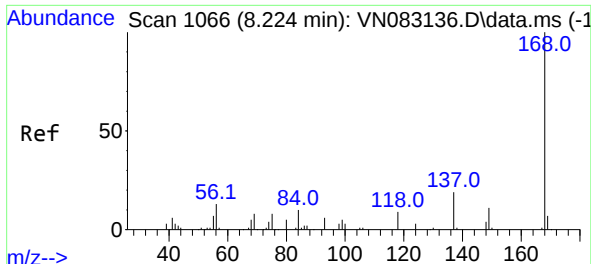
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN083410.D
Acq On : 21 Aug 2024 15:41
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

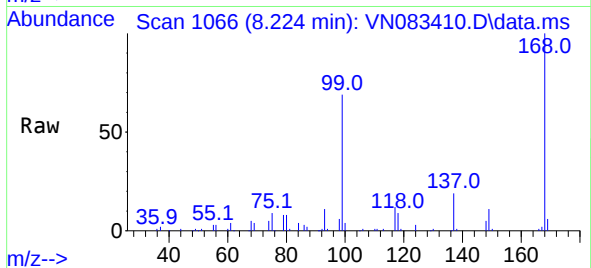
Quant Time: Aug 22 01:47:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



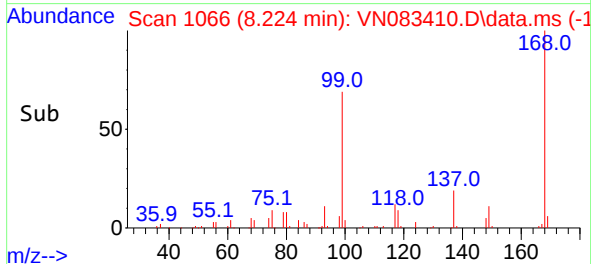
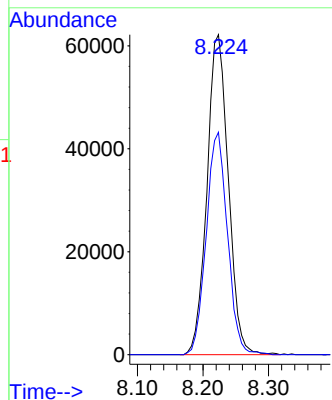


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

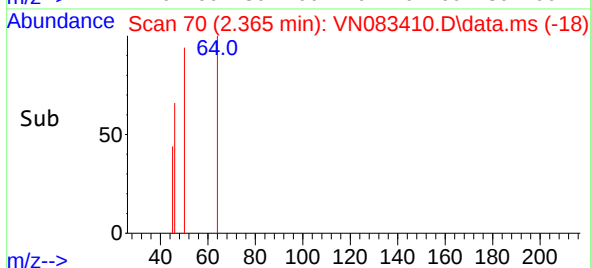
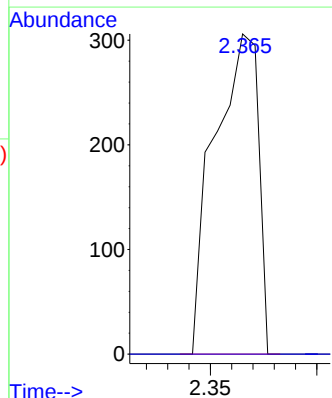
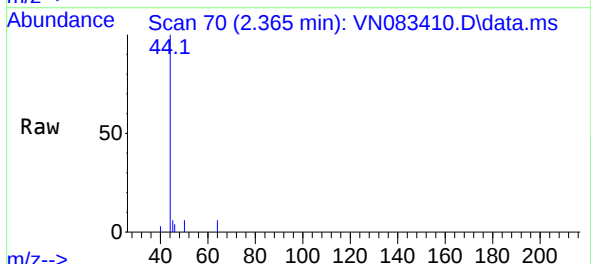


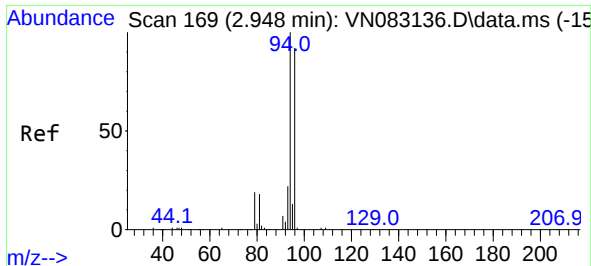
Tgt Ion:168 Resp: 140763
Ion Ratio Lower Upper
168 100
99 69.5 48.2 72.4



#3
Chloromethane
Concen: 0.269 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

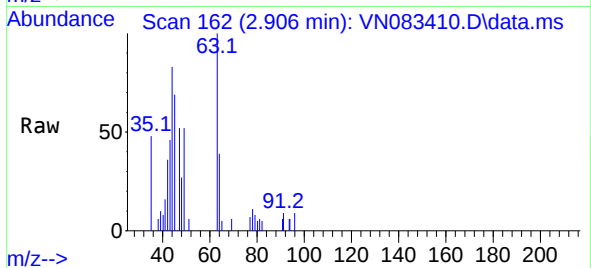
Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



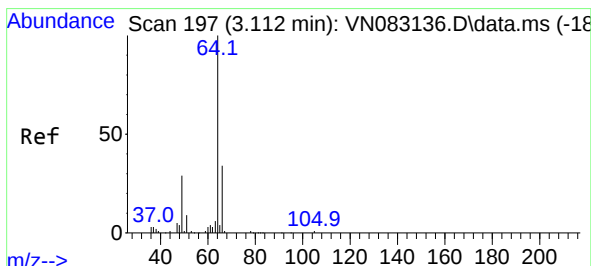
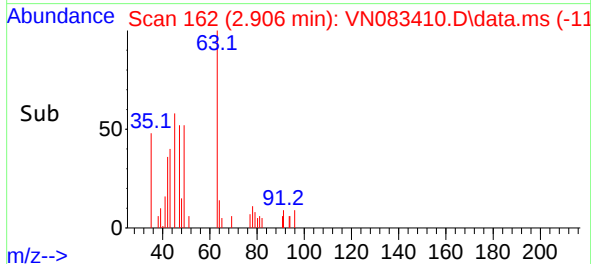
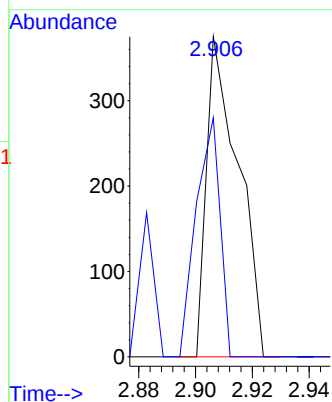


#5
Bromomethane
Concen: 0.282 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

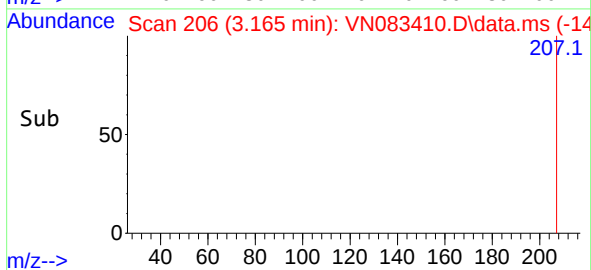
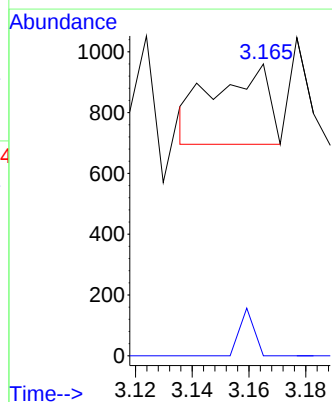
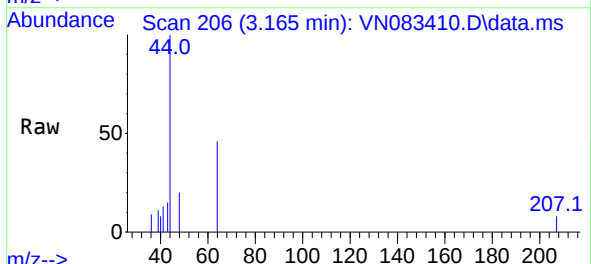


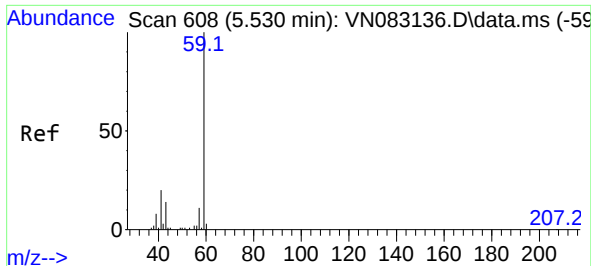
Tgt Ion: 94 Resp: 292
Ion Ratio Lower Upper
94 100
96 74.7 78.0 117.0#



#6
Chloroethane
Concen: 0.335 ug/l
RT: 3.165 min Scan# 206
Delta R.T. 0.053 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Tgt Ion: 64 Resp: 349
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#

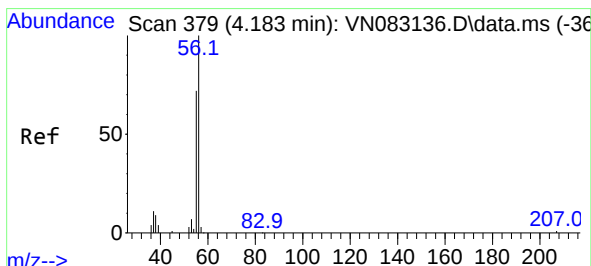
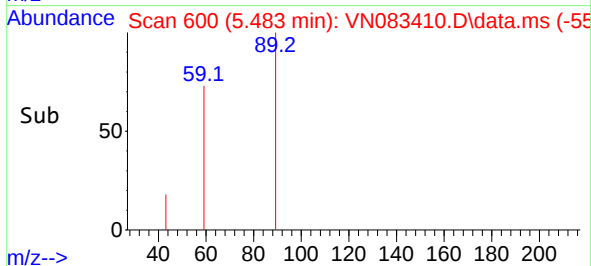
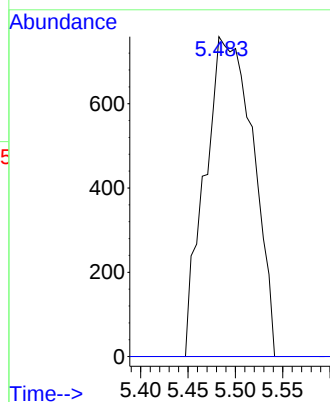
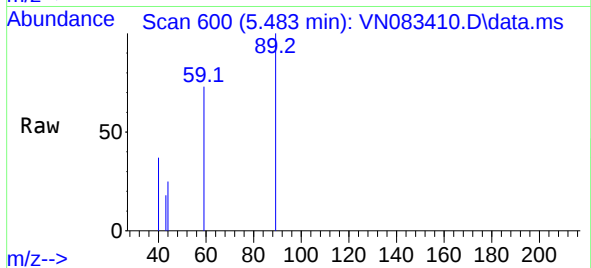




#11
Tert butyl alcohol
Concen: 6.415 ug/l
RT: 5.483 min Scan# 608
Delta R.T. -0.047 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

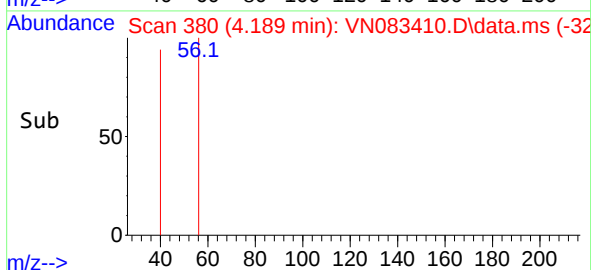
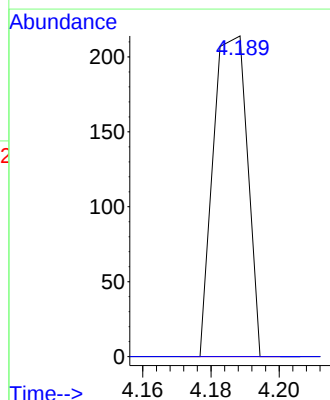
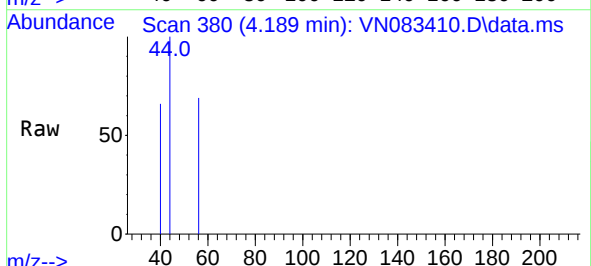
Instrument :
MSVOA_N
ClientSampleId :

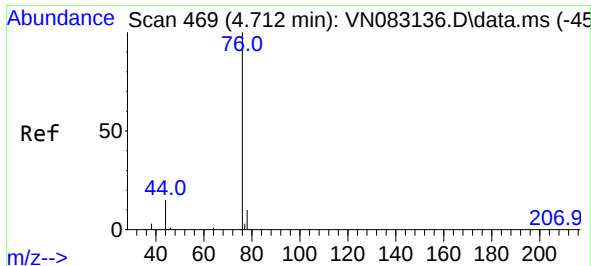
Tgt Ion: 59 Resp: 2671
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 0.549 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

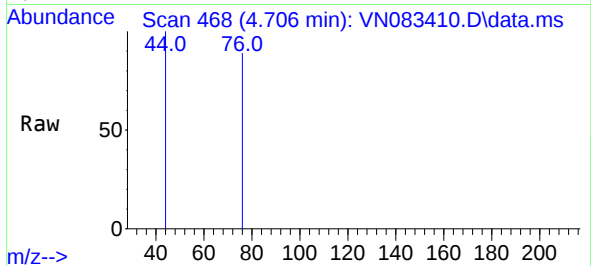
Tgt Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



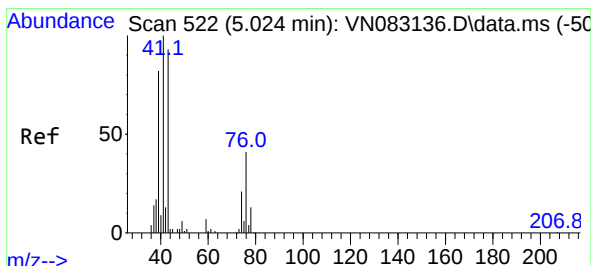
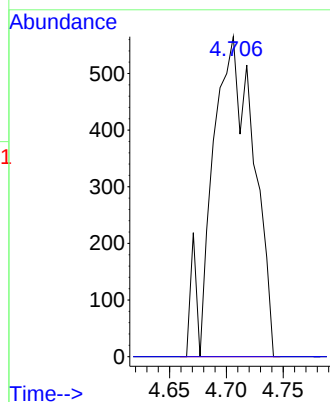
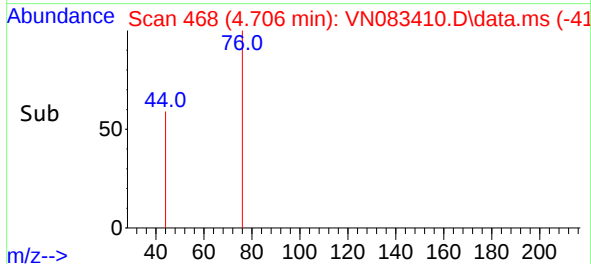


#17
Carbon Disulfide
Concen: 0.315 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

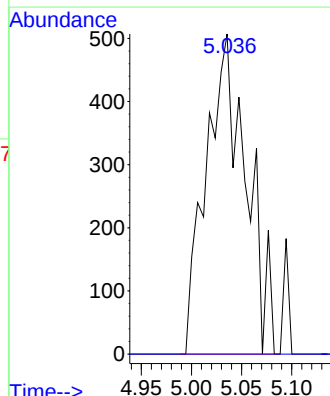
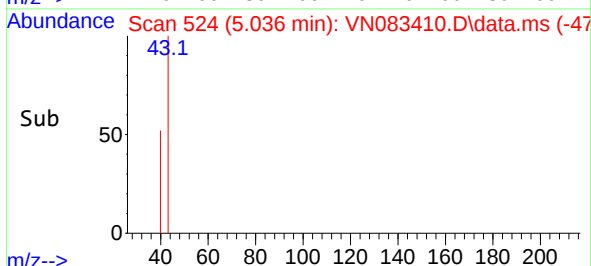
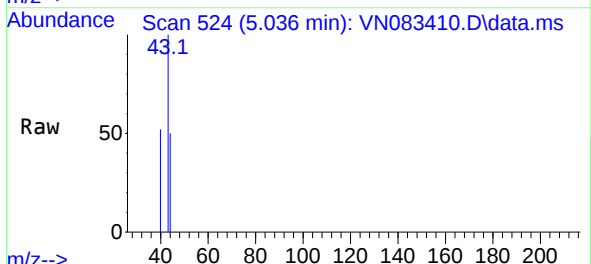


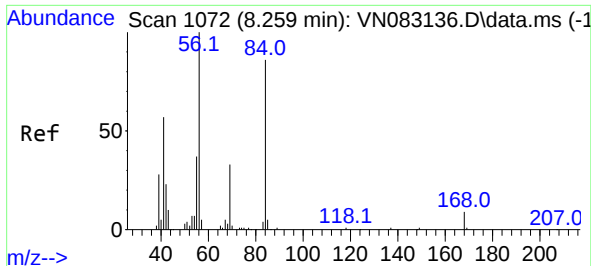
Tgt Ion: 76 Resp: 1440
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.604 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

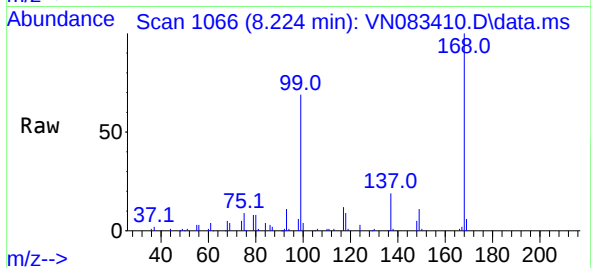
Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



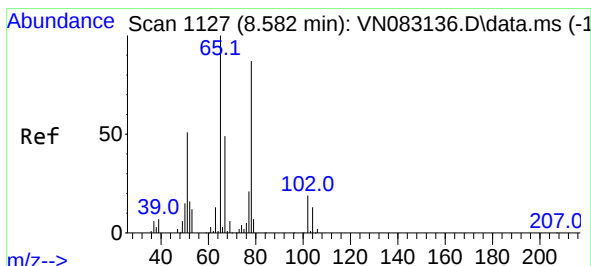
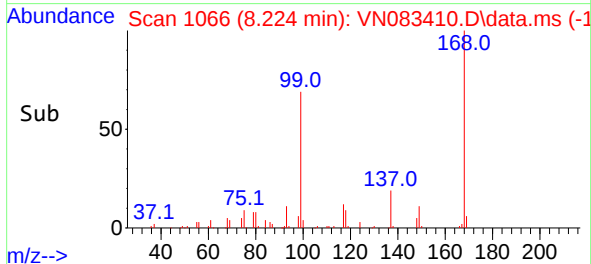
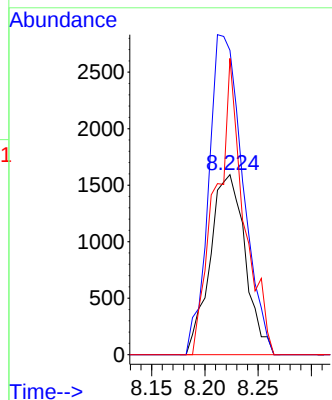


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

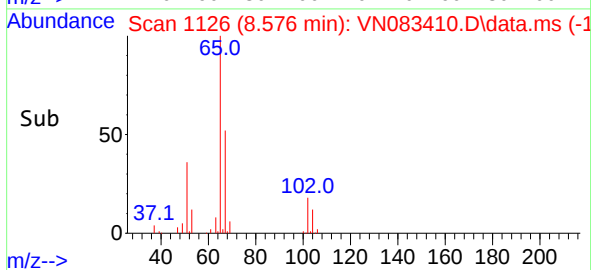
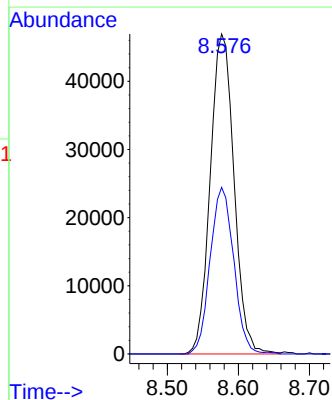
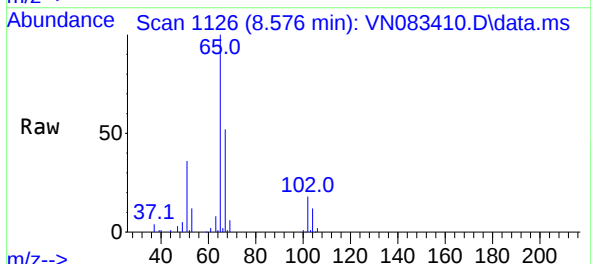


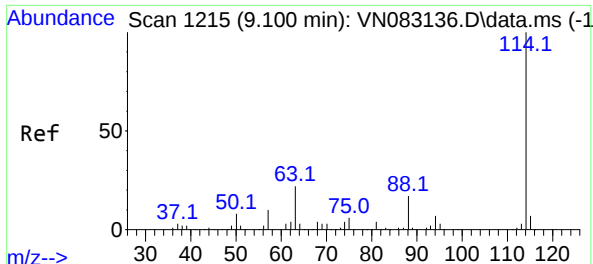
Tgt Ion: 56 Resp: 3660
Ion Ratio Lower Upper
56 100
69 169.1 24.5 36.7#
84 164.7 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 54.546 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

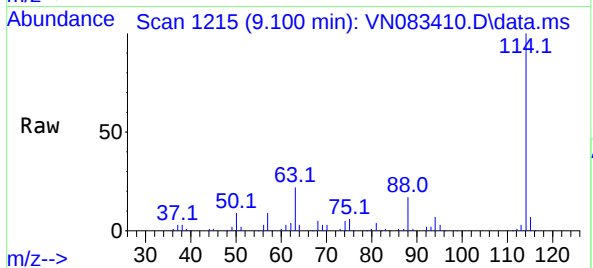
Tgt Ion: 65 Resp: 109289
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.4



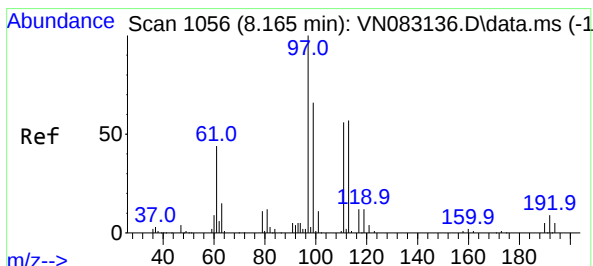
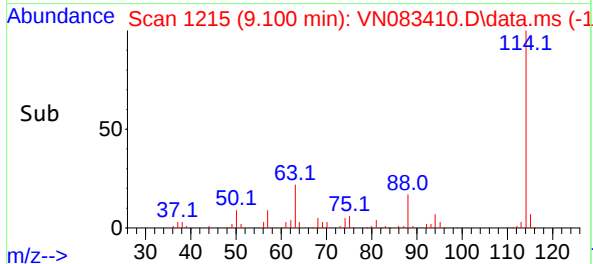
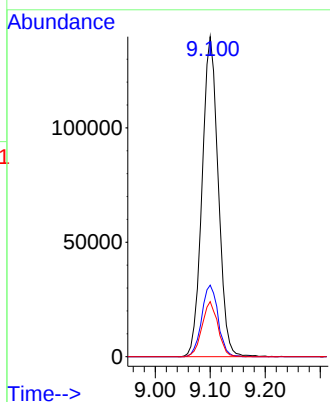


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

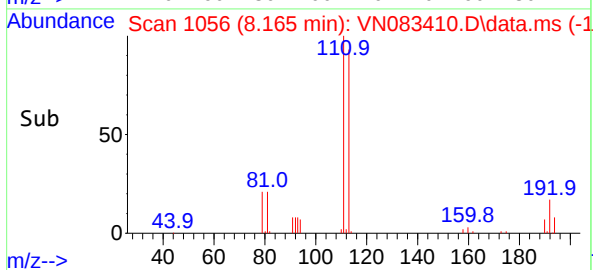
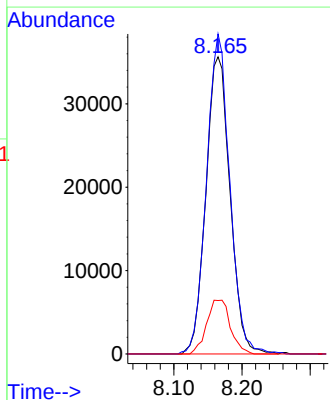
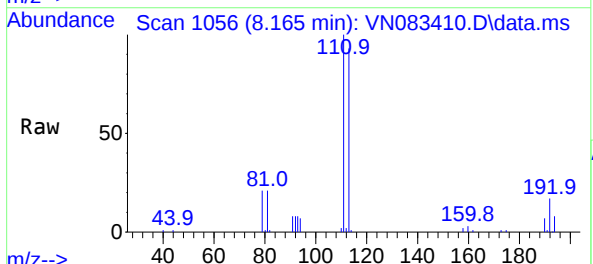


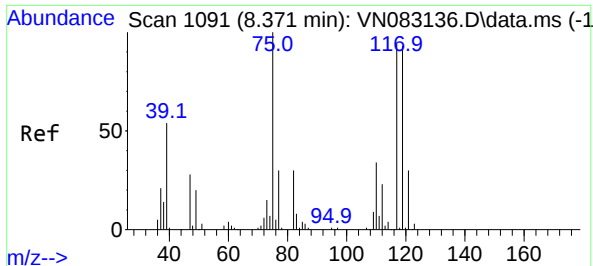
Tgt Ion:114 Resp: 285014
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 17.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.484 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Tgt Ion:113 Resp: 88032
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 17.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.779 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

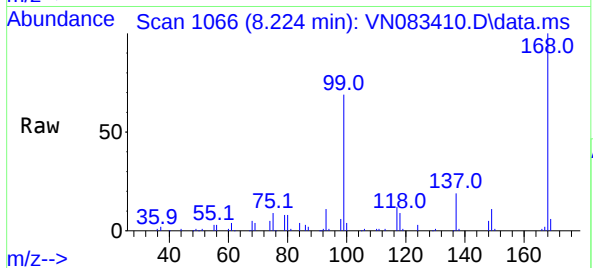
Lab File: VN083410.D

Acq: 21 Aug 2024 15:41

Instrument :

MSVOA_N

ClientSampleId :



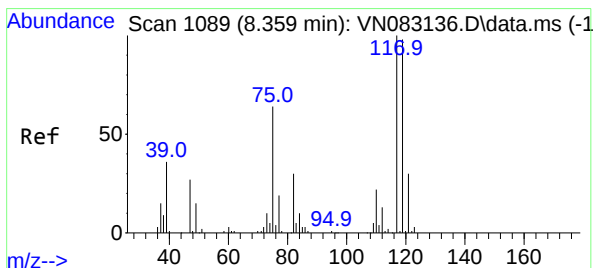
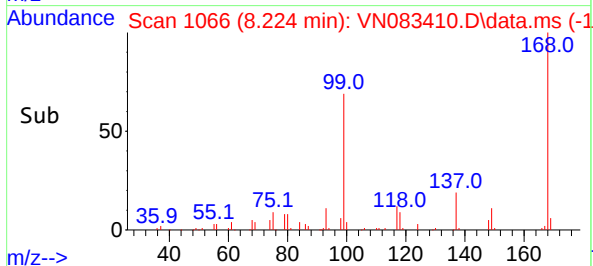
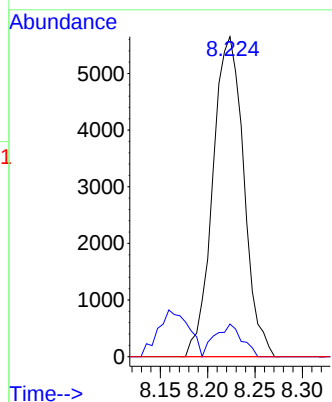
Tgt Ion: 75 Resp: 12862

Ion Ratio Lower Upper

75 100

110 8.8 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.308 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083410.D

Acq: 21 Aug 2024 15:41

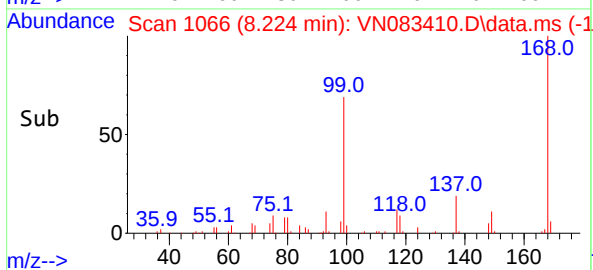
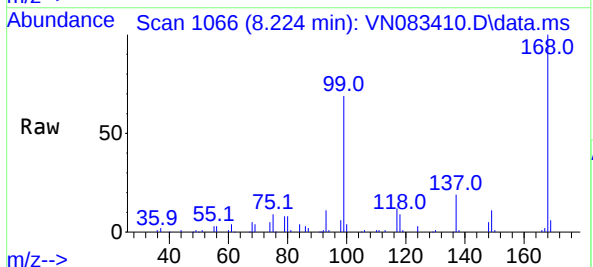
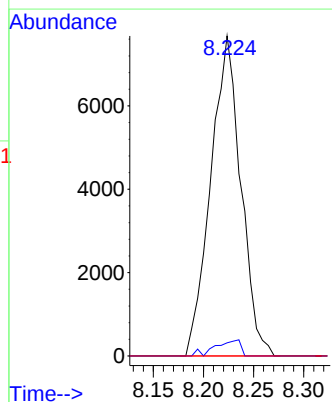
Tgt Ion: 117 Resp: 16089

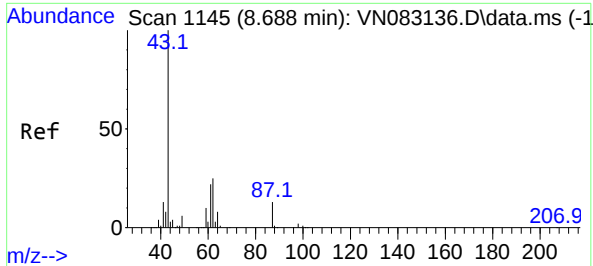
Ion Ratio Lower Upper

117 100

119 4.1 74.9 112.3#

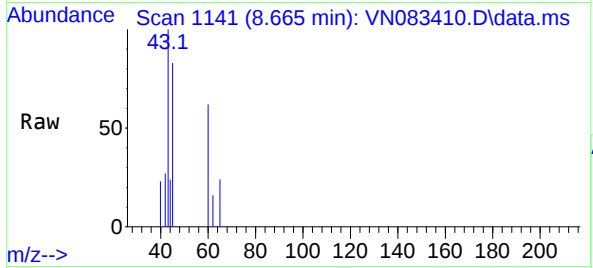
121 0.0 24.3 36.5#



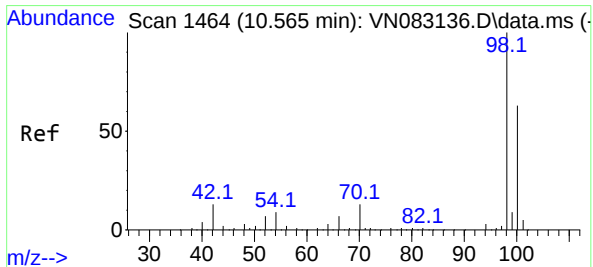
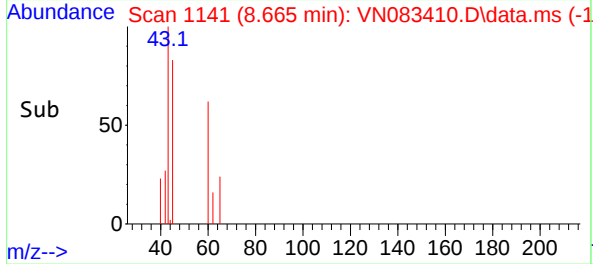
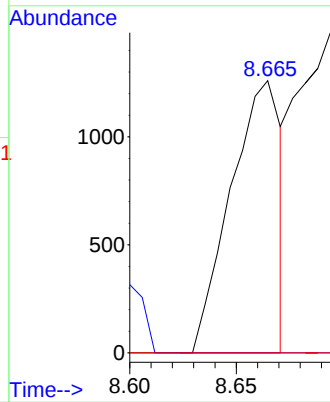


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.665 min Scan# 1145
Delta R.T. -0.023 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

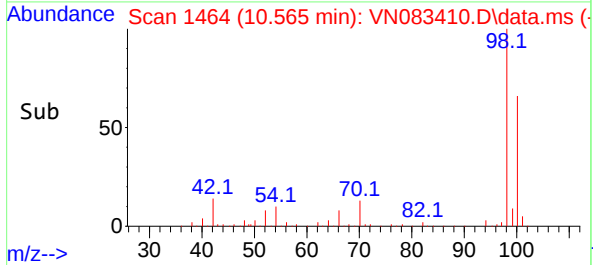
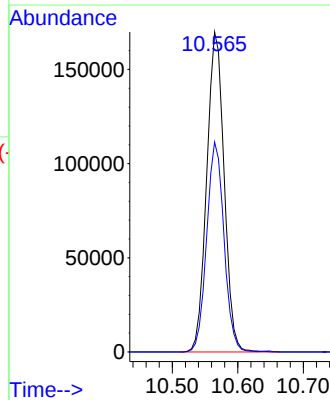
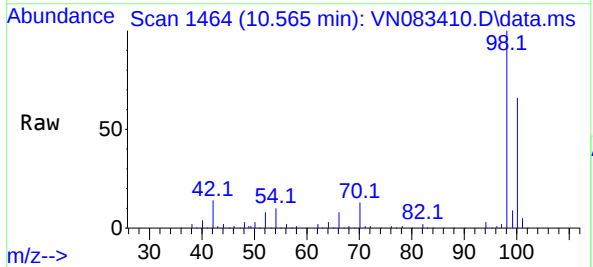


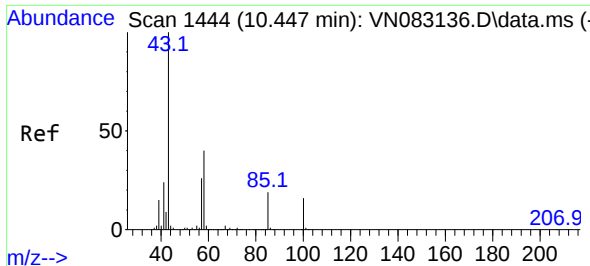
Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 47.352 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

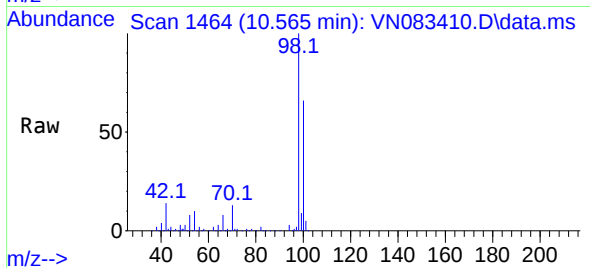
Tgt Ion: 98 Resp: 314235
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



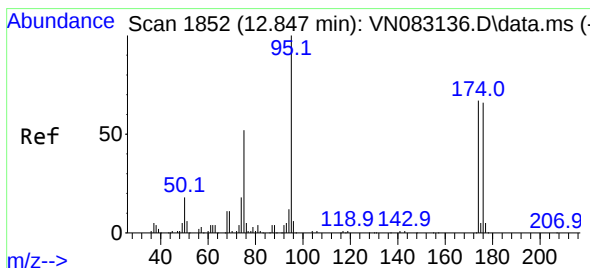
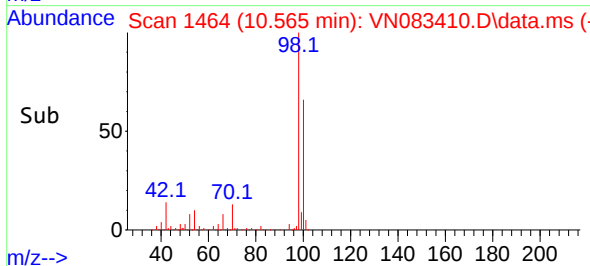
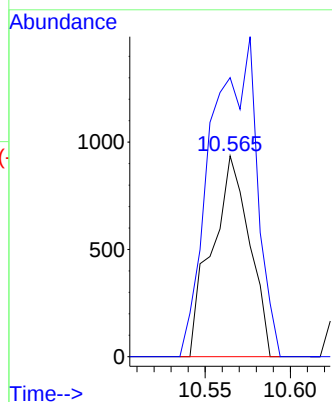


#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

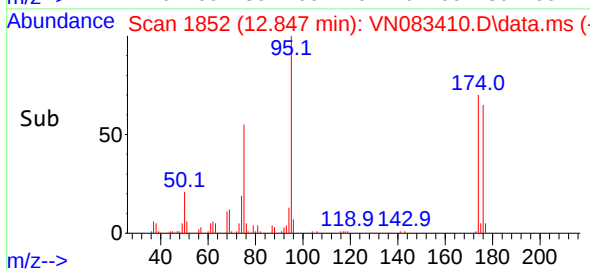
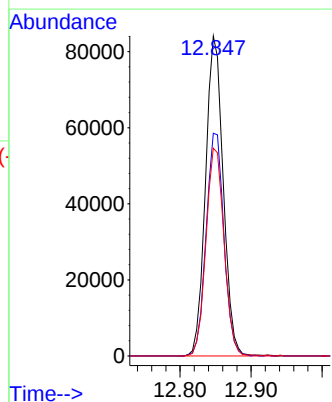
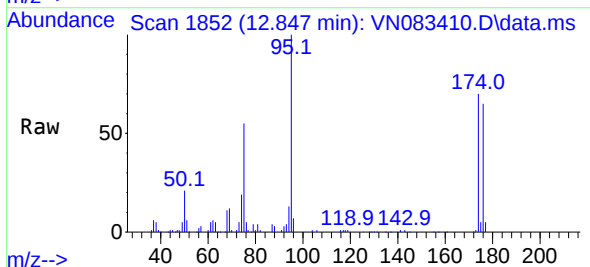


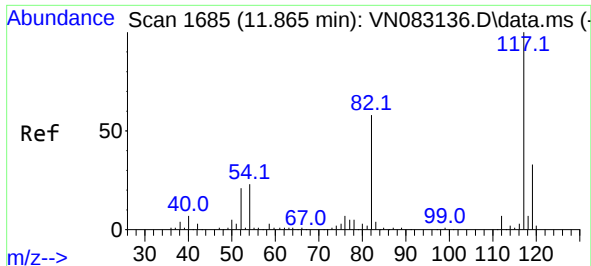
Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
58 192.6 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.215 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

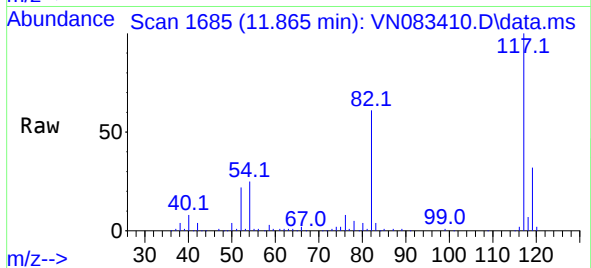
Tgt Ion: 95 Resp: 145436
Ion Ratio Lower Upper
95 100
174 70.2 0.0 159.2
176 66.3 0.0 147.6



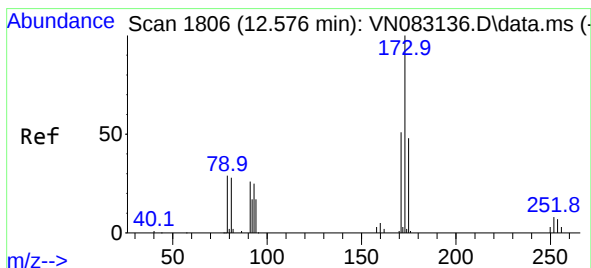
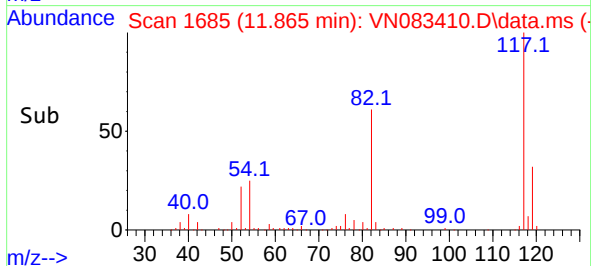
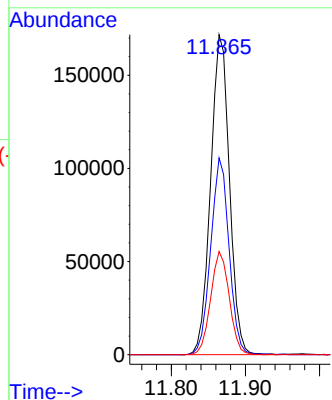


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

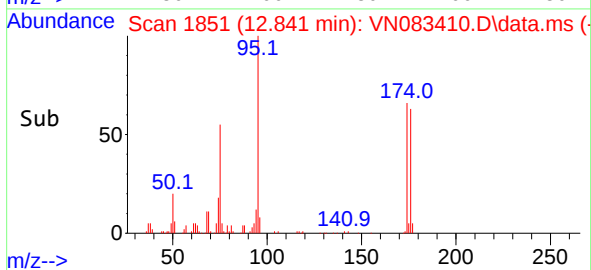
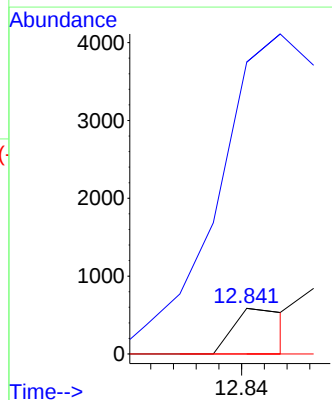
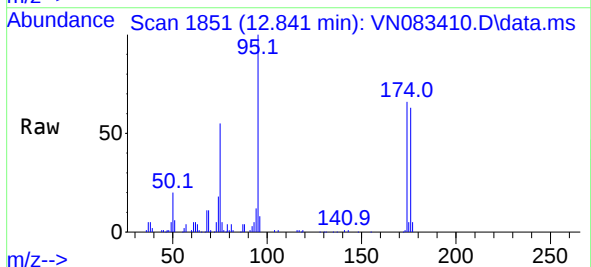


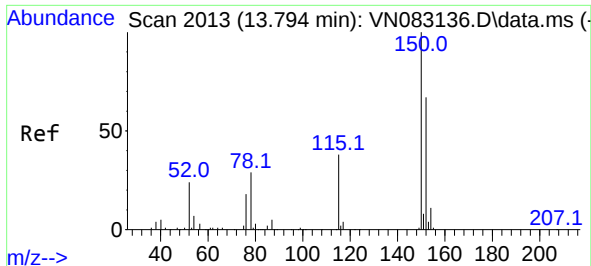
Tgt Ion:117 Resp: 302938
Ion Ratio Lower Upper
117 100
82 61.5 47.5 71.3
119 32.3 25.6 38.4



#71
Bromoform
Concen: 0.221 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

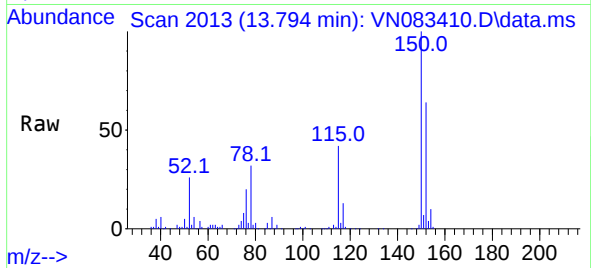
Tgt Ion:173 Resp: 395
Ion Ratio Lower Upper
173 100
175 1286.3 24.0 72.0#
254 0.0 0.0 0.0



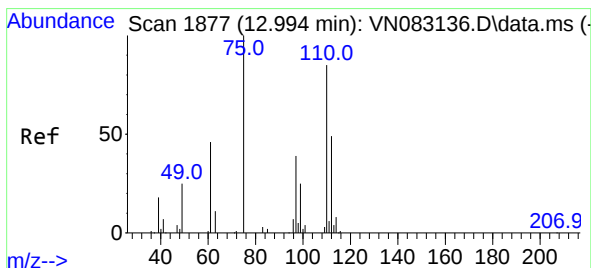
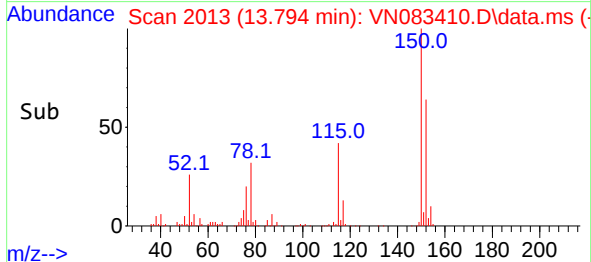
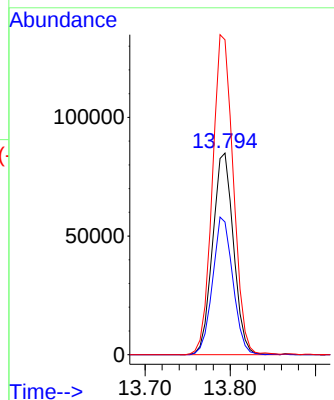


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

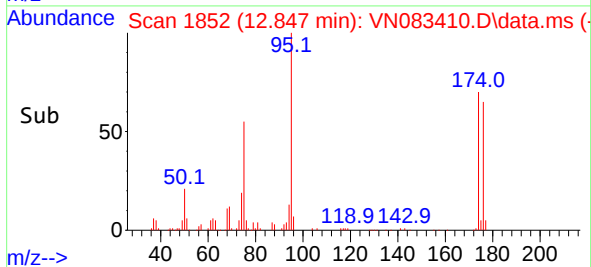
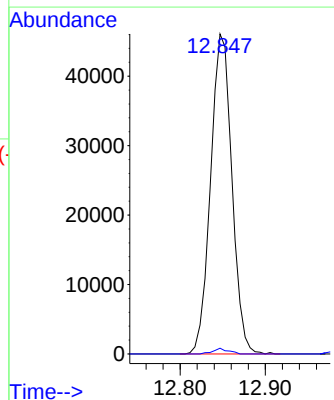
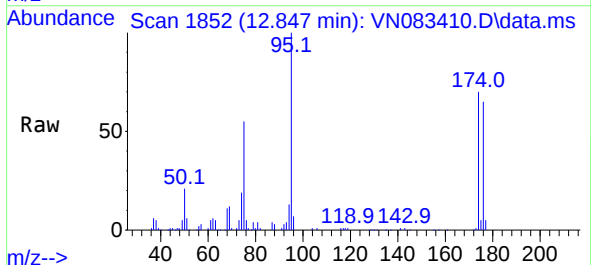


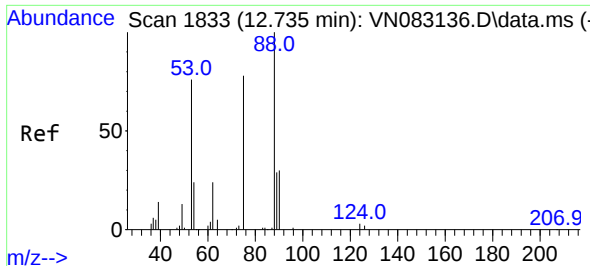
Tgt Ion:152 Resp: 144540
Ion Ratio Lower Upper
152 100
115 66.2 30.6 91.6
150 159.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 25.198 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

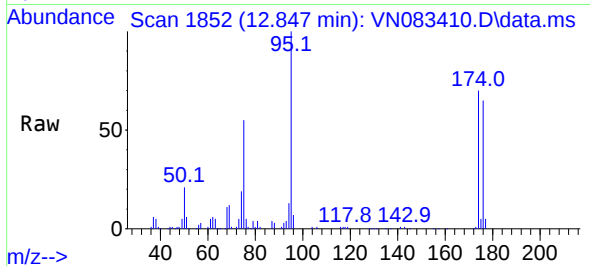
Tgt Ion: 75 Resp: 79937
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



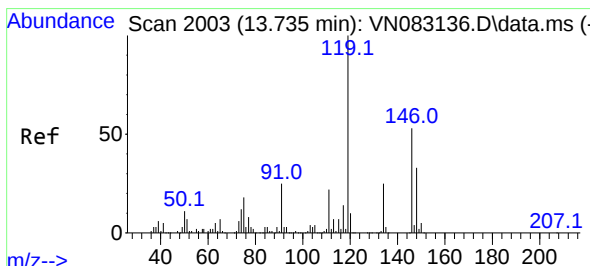
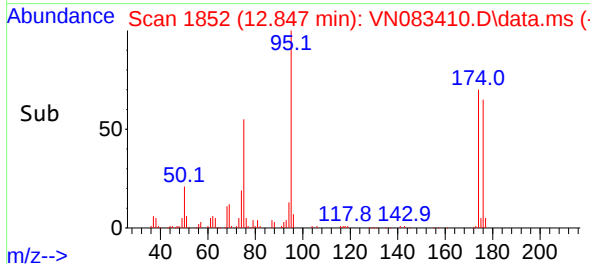
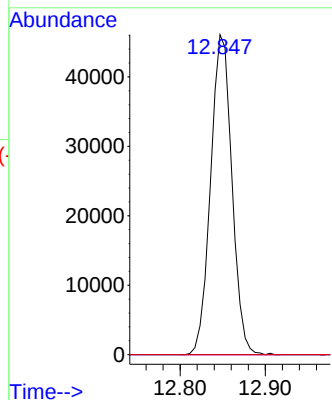


#81
trans-1,4-Dichloro-2-butene
Concen: 54.813 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :

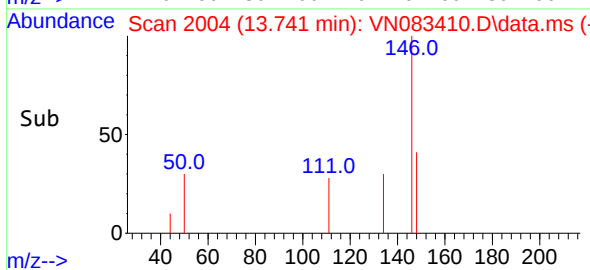
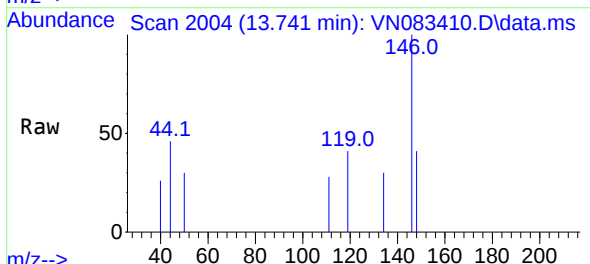
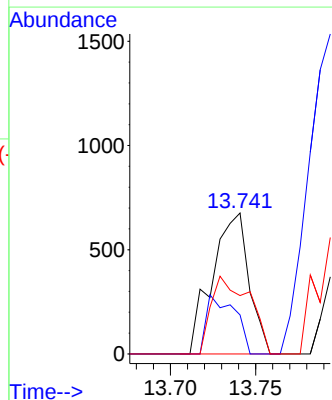


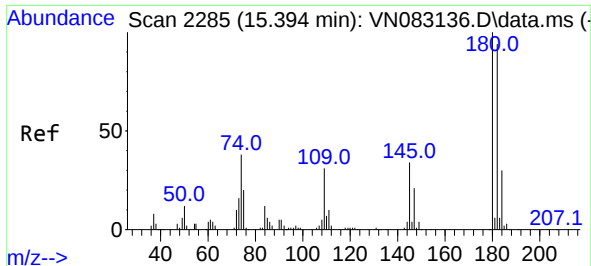
Tgt Ion: 75 Resp: 79937
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#87
1,3-Dichlorobenzene
Concen: 0.201 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

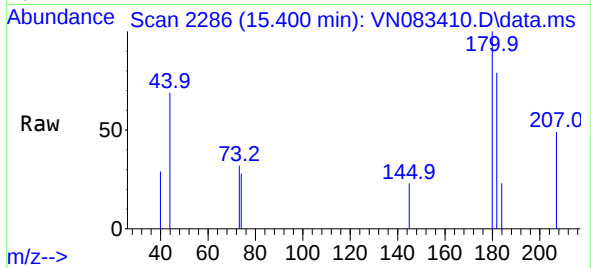
Tgt Ion:146 Resp: 1017
Ion Ratio Lower Upper
146 100
111 32.3 20.6 61.9
148 57.2 31.8 95.3



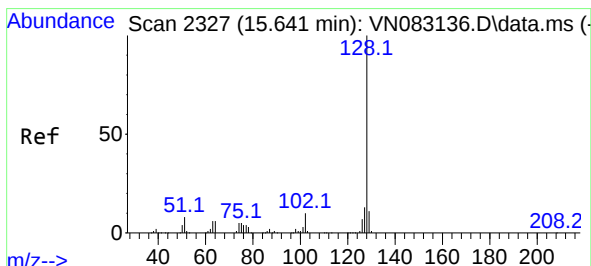
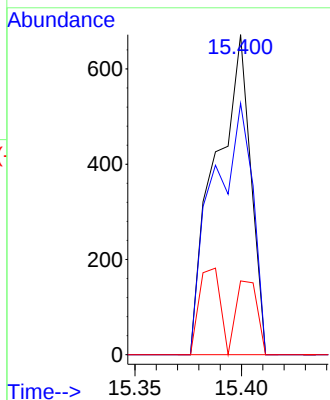
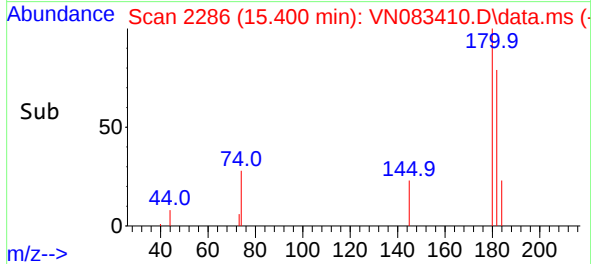


#93
1,2,4-Trichlorobenzene
Concen: 0.281 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41

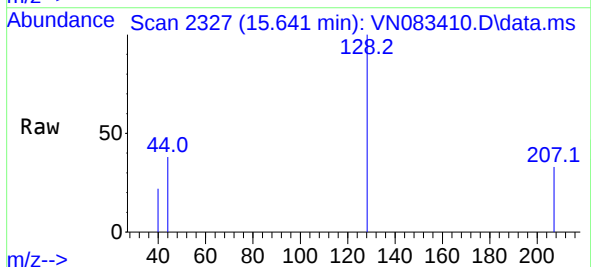
Instrument :
MSVOA_N
ClientSampleId :



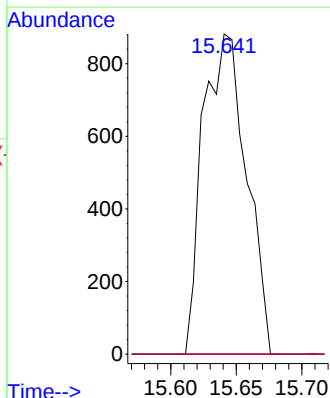
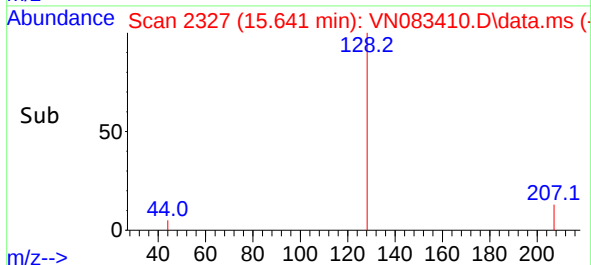
Tgt Ion:180 Resp: 770
Ion Ratio Lower Upper
180 100
182 88.4 47.3 141.8
145 14.0 15.7 47.1#

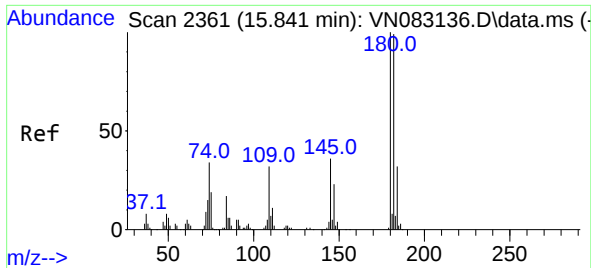


#95
Naphthalene
Concen: 0.209 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083410.D
Acq: 21 Aug 2024 15:41



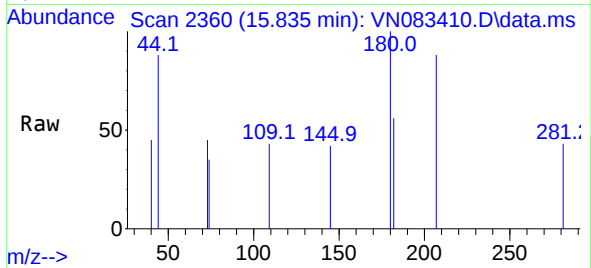
Tgt Ion:128 Resp: 2033
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.263 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083410.D
 Acq: 21 Aug 2024 15:41

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	714
Ion	Ratio	Lower	Upper
180	100		
182	106.2	48.9	146.8
145	32.4	16.8	50.4

