

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081044.D
 Acq On : 15 Feb 2024 17:06
 Operator : JC\MD
 Sample : P1365-01ME 100X
 Misc : 4.05g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 16 00:26:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

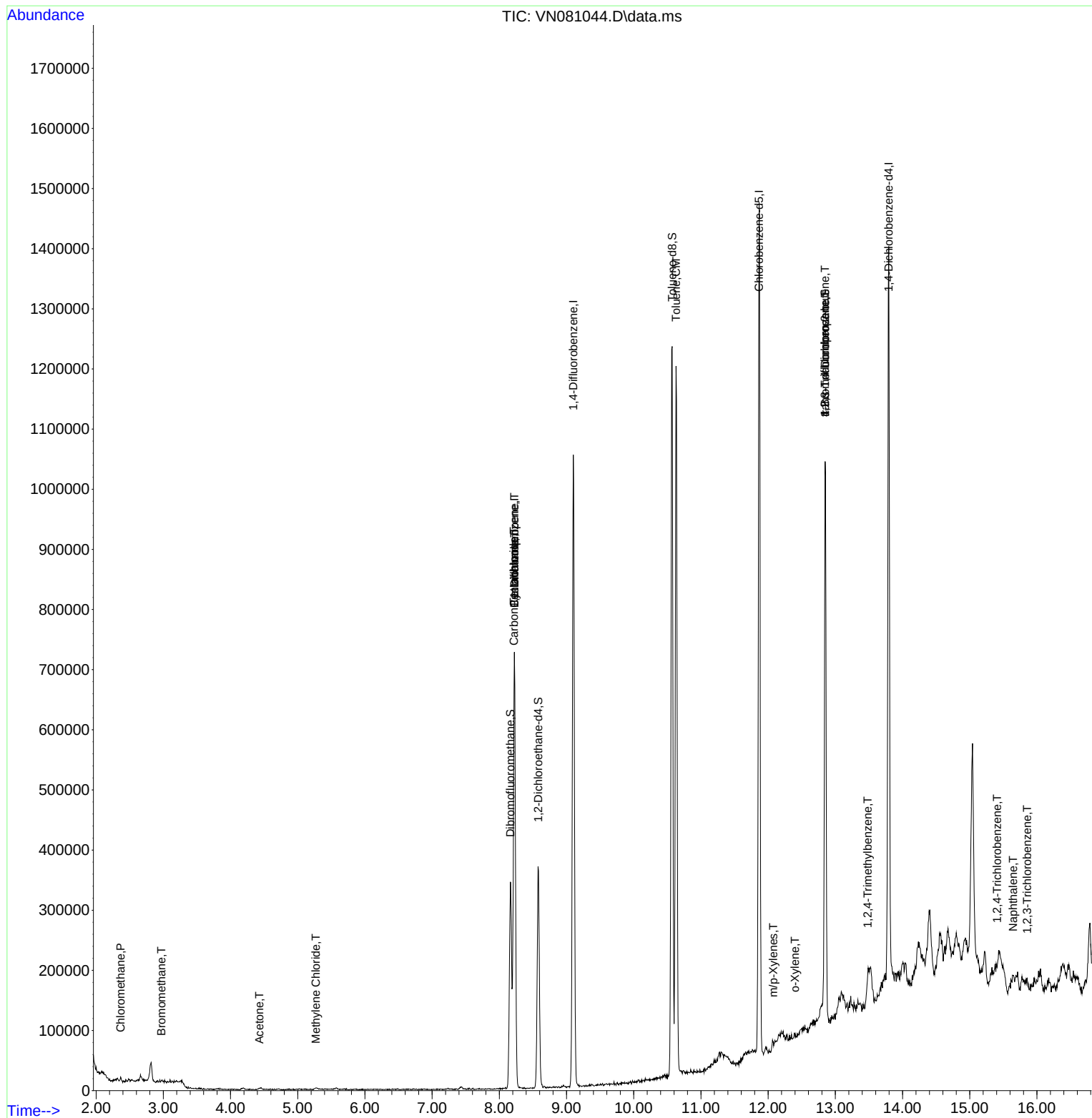
Internal Standards						
1) Pentafluorobenzene	8.224	168	522102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	921464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	817380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	318283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	293128	45.645	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.280%
35) Dibromofluoromethane	8.165	113	246322	46.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.240%
50) Toluene-d8	10.571	98	860597	46.188	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.847	95	322447	50.883	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	8895	0.906	ug/l	99
5) Bromomethane	2.971	94	1420	0.400	ug/l #	56
13) Acrolein	4.165	56	1591	Below Cal	#	15
16) Acetone	4.430	43	1914	0.761	ug/l #	88
20) Methylene Chloride	5.271	84	2411	0.368	ug/l #	49
31) Cyclohexane	8.224	56	12226	1.096	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	43377	4.921	ug/l #	51
38) Carbon Tetrachloride	8.218	117	56190	8.709	ug/l #	18
49) 1,4-Dioxane	9.694	88	836	Below Cal	#	87
52) Toluene	10.630	92	517188	31.762	ug/l	99
68) m/p-Xylenes	12.076	106	4428	0.372	ug/l	80
69) o-Xylene	12.400	106	3139	0.272	ug/l	48
76) 1,2,3-Trichloropropane	12.847	75	168876	24.013	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	168876	55.898	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.482	105	6959	0.289	ug/l	67
90) Hexachloroethane	14.323	117	896	Below Cal		76
92) 1,2-Dibromo-3-Chloropr...	14.723	75	385	Below Cal	#	47
93) 1,2,4-Trichlorobenzene	15.406	180	1768	0.275	ug/l #	71
95) Naphthalene	15.647	128	21828	0.954	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.853	180	1370	0.217	ug/l #	21

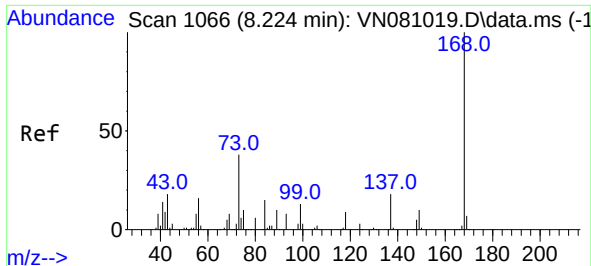
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P1365-01ME 100X
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
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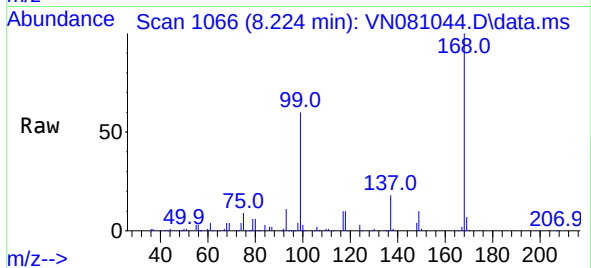
Quant Time: Feb 16 00:26:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 07:59:19 2024
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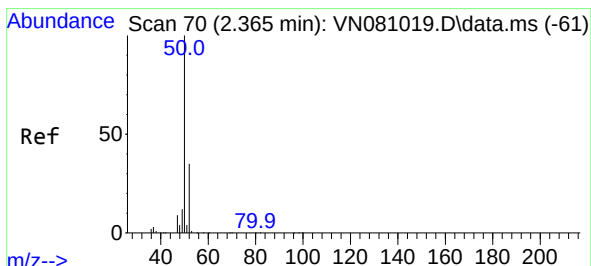
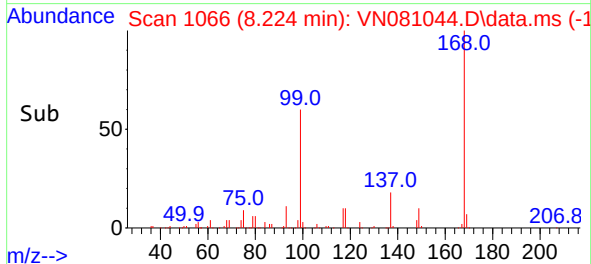
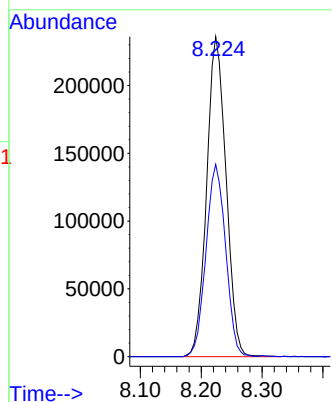


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

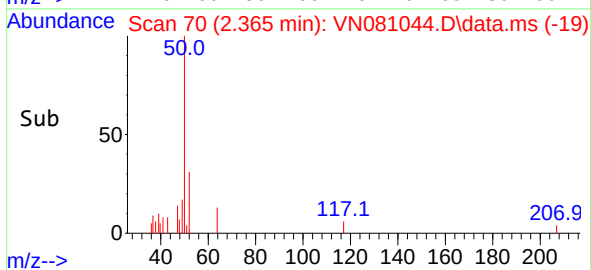
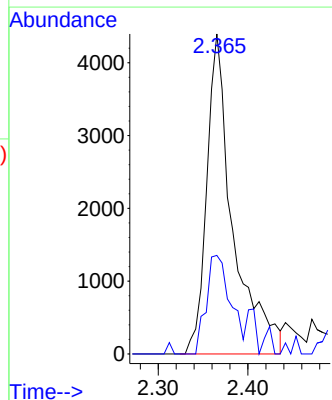
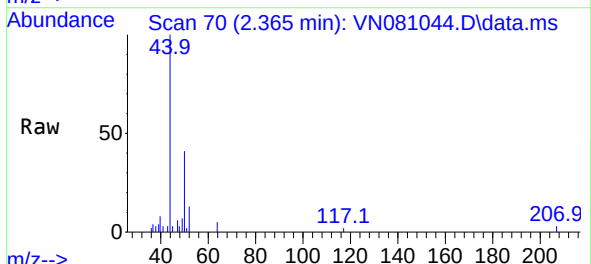


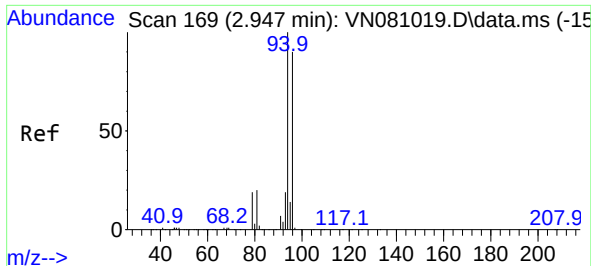
Tgt Ion:168 Resp: 522102
Ion Ratio Lower Upper
168 100
99 60.1 59.9 89.9



#3
Chloromethane
Concen: 0.906 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

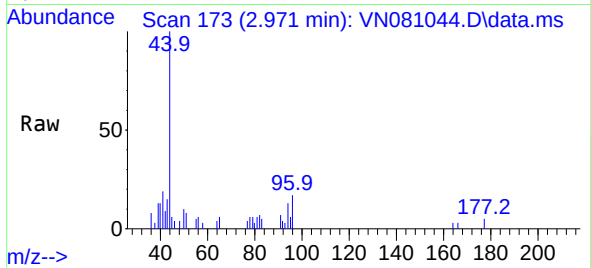
Tgt Ion: 50 Resp: 8895
Ion Ratio Lower Upper
50 100
52 30.8 25.0 37.4



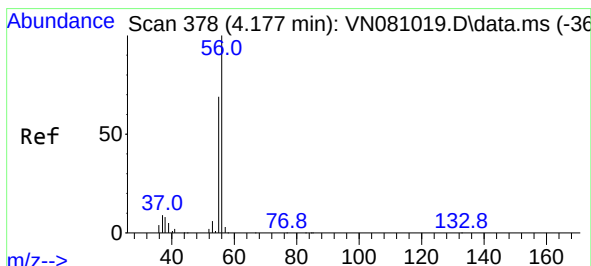
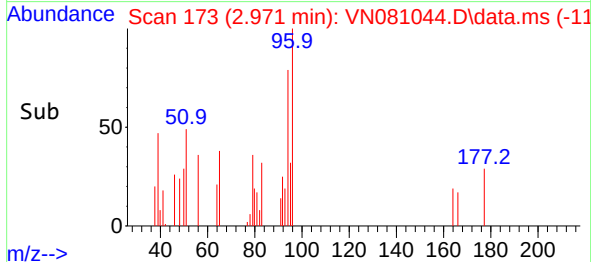
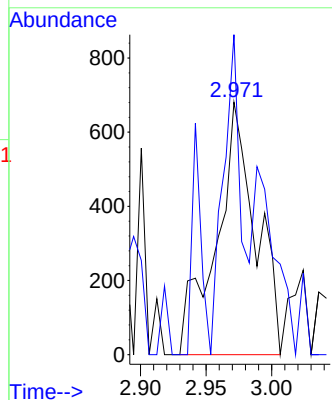


#5
Bromomethane
Concen: 0.400 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

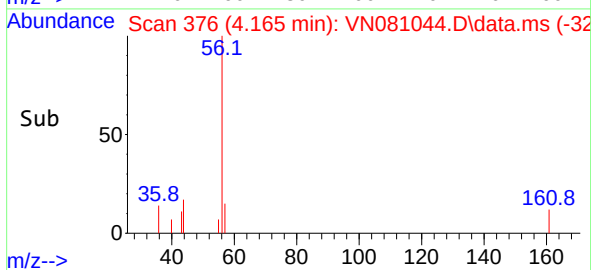
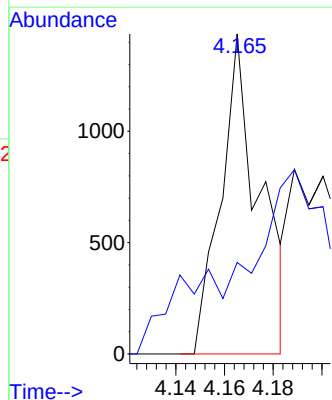
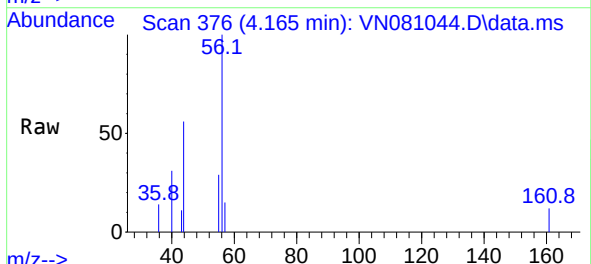


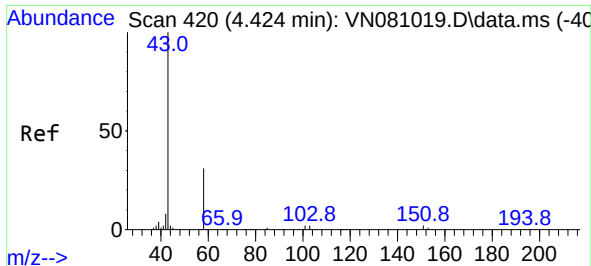
Tgt Ion: 94 Resp: 1420
Ion Ratio Lower Upper
94 100
96 126.7 69.2 103.8#



#13
Acrolein
Concen: Below Cal
RT: 4.165 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Tgt Ion: 56 Resp: 1591
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

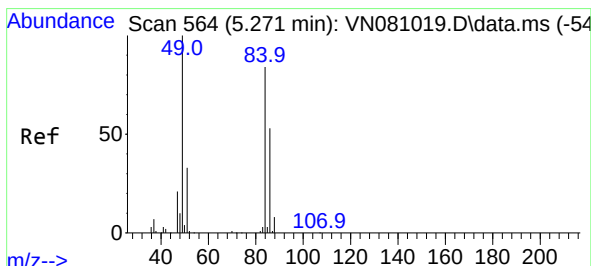
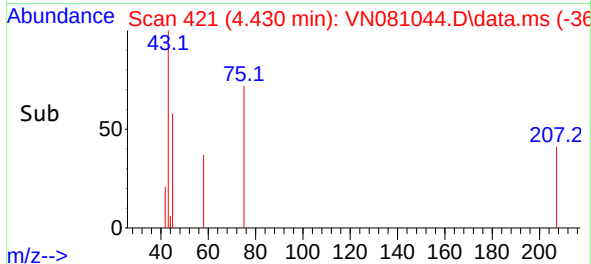
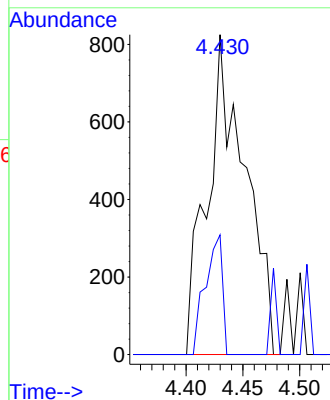
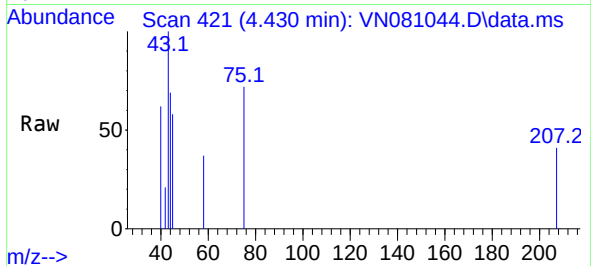




#16
Acetone
Concen: 0.761 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

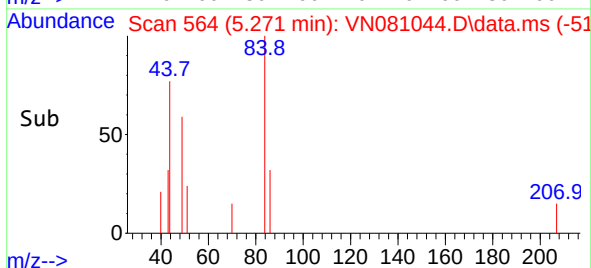
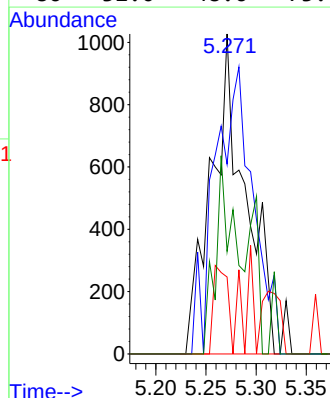
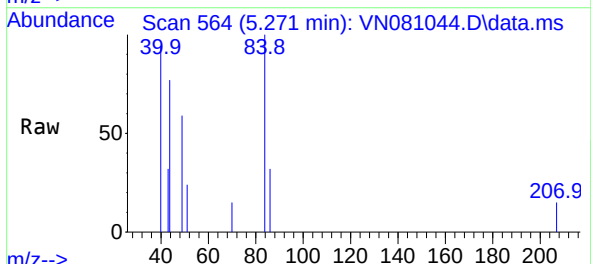
Instrument :
MSVOA_N
ClientSampleId :

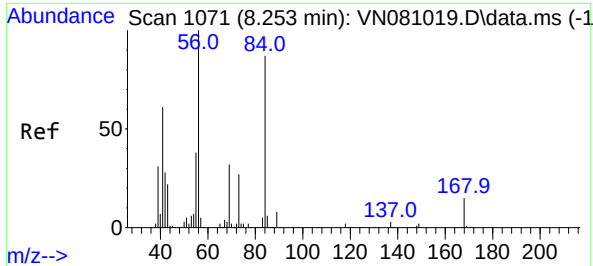
Tgt Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
58 37.5 24.8 37.2#



#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

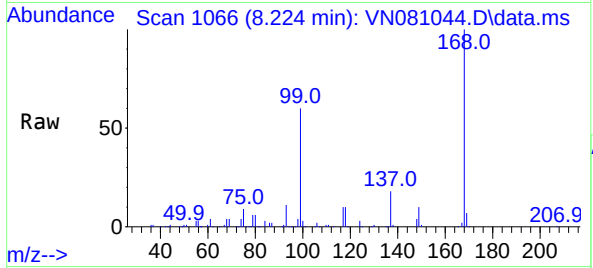
Tgt Ion: 84 Resp: 2411
Ion Ratio Lower Upper
84 100
49 59.3 108.1 162.1#
51 24.1 32.9 49.3#
86 32.0 48.6 73.0#



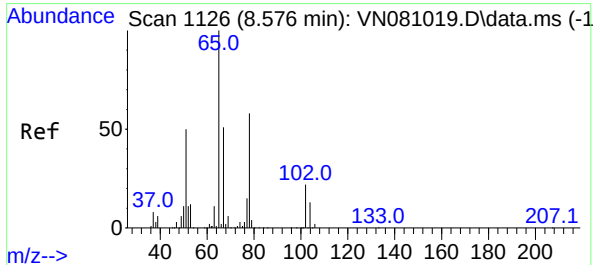
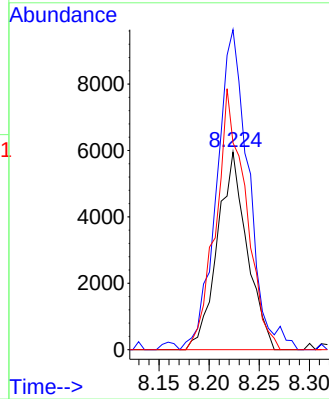
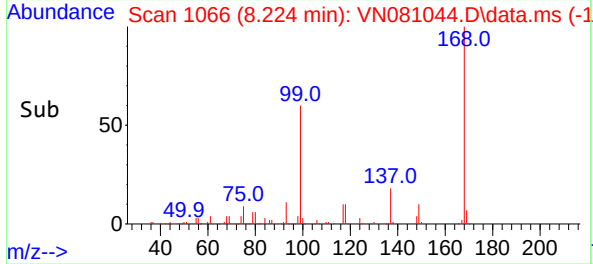


#31
Cyclohexane
Concen: 1.096 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

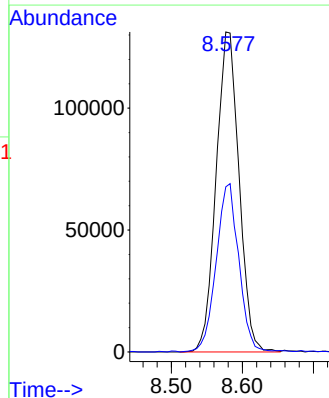
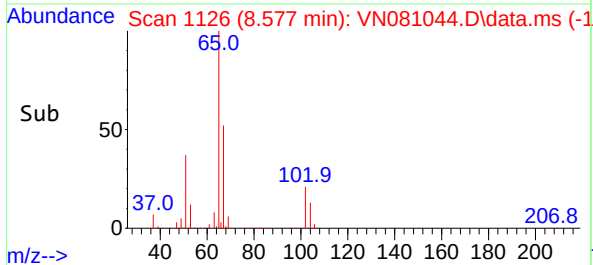
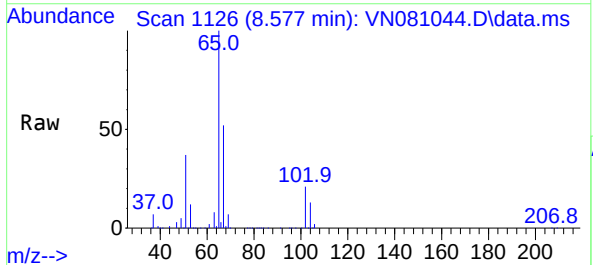


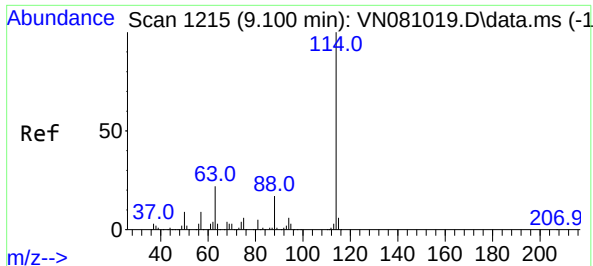
Tgt Ion: 56 Resp: 12226
Ion Ratio Lower Upper
56 100
69 161.9 20.1 30.1#
84 104.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 45.645 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Tgt Ion: 65 Resp: 293128
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081044.D

Acq: 15 Feb 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :

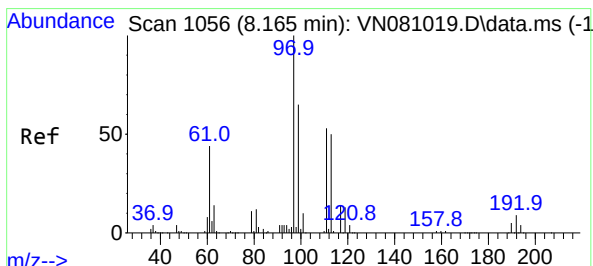
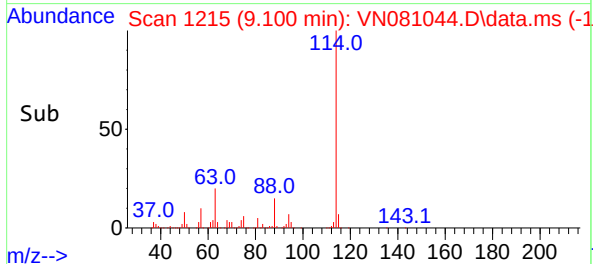
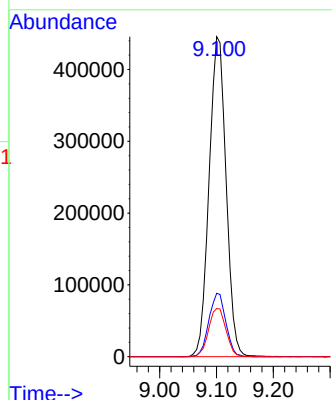
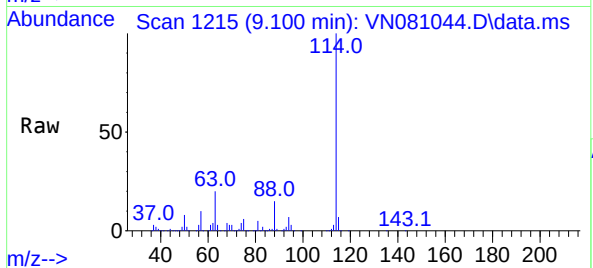
Tgt Ion:114 Resp: 921464

Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 15.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 46.623 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081044.D

Acq: 15 Feb 2024 17:06

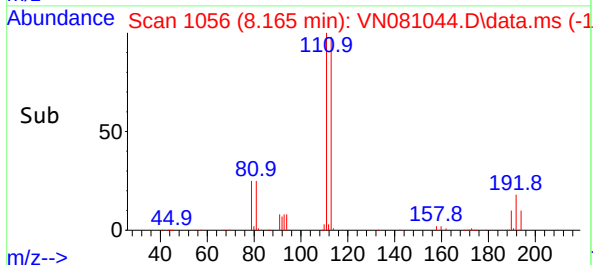
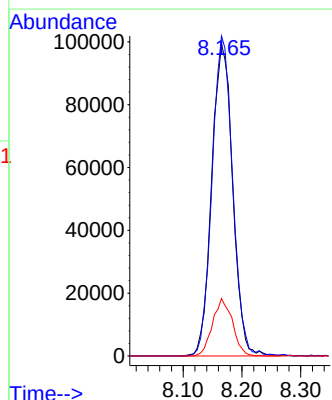
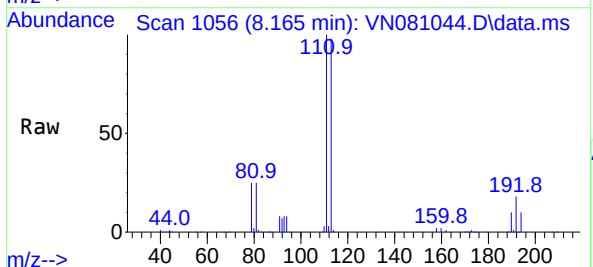
Tgt Ion:113 Resp: 246322

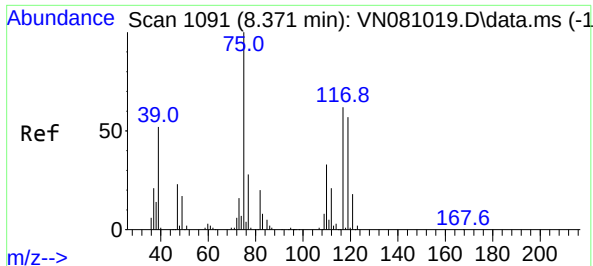
Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

192 17.5 12.5 18.7

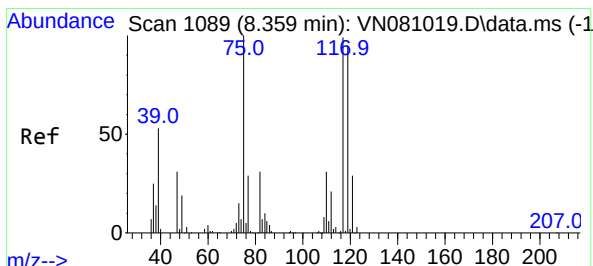
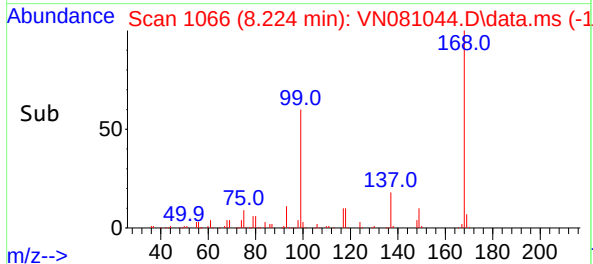
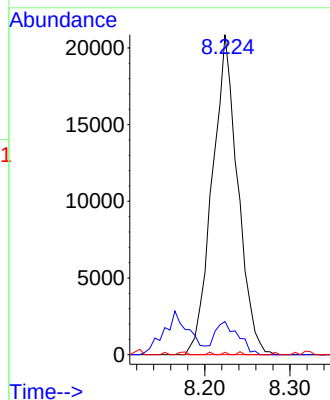
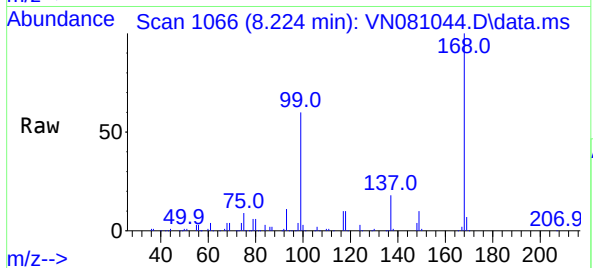




#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

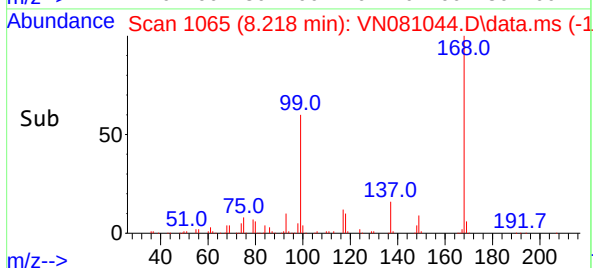
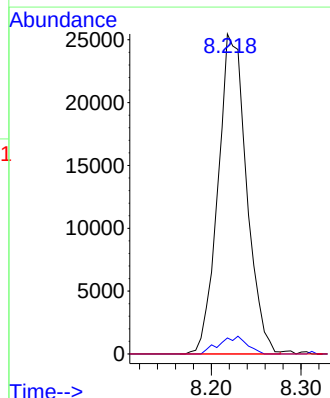
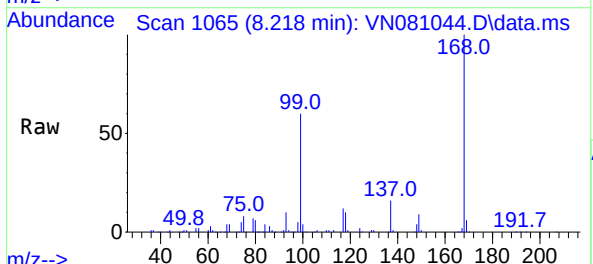
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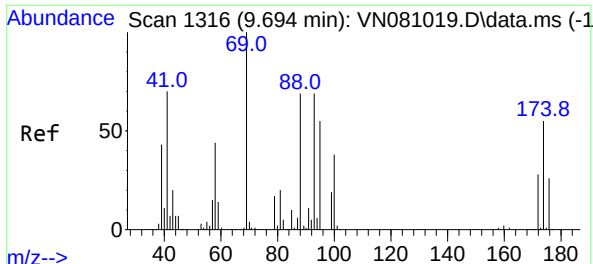
Tgt Ion: 75 Resp: 43377
Ion Ratio Lower Upper
75 100
110 9.6 16.0 48.0#
77 0.1 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 8.709 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Tgt Ion: 117 Resp: 56190
Ion Ratio Lower Upper
117 100
119 5.0 73.4 110.2#
121 0.0 24.4 36.6#

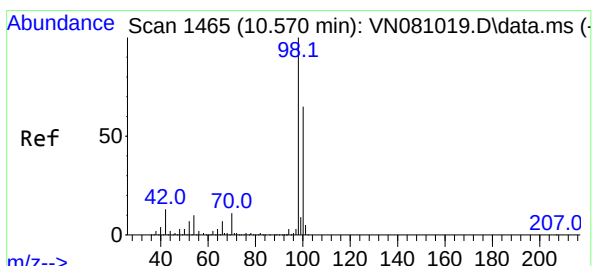
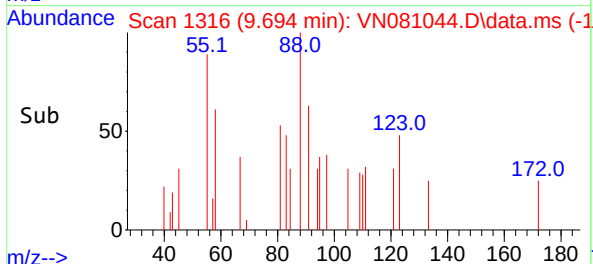
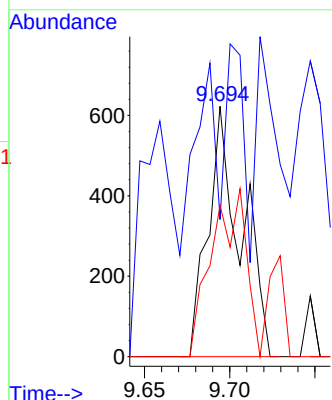
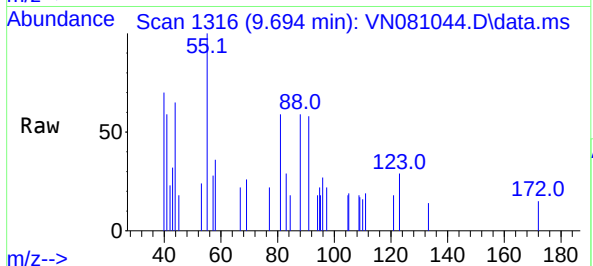




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

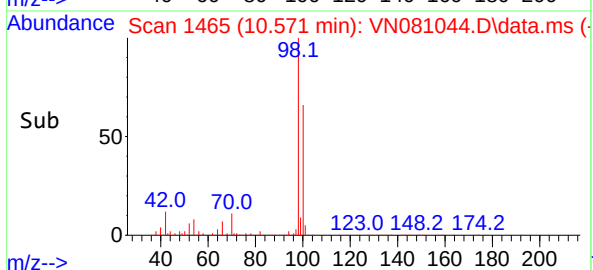
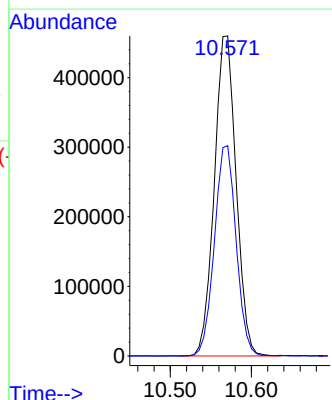
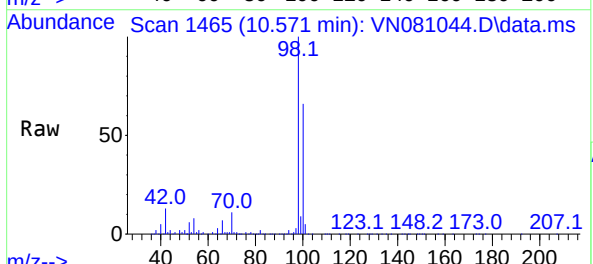
Instrument :
MSVOA_N
ClientSampleId :

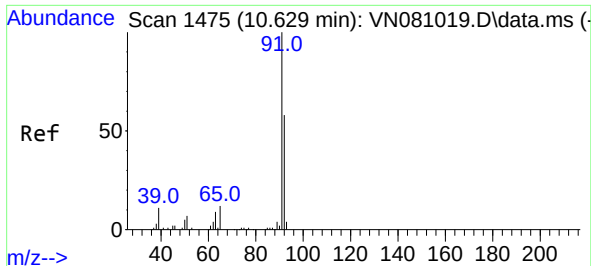
Tgt Ion: 88 Resp: 836
Ion Ratio Lower Upper
88 100
43 48.1 30.1 45.1#
58 69.7 63.9 95.9



#50
Toluene-d8
Concen: 46.188 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Tgt Ion: 98 Resp: 860597
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0

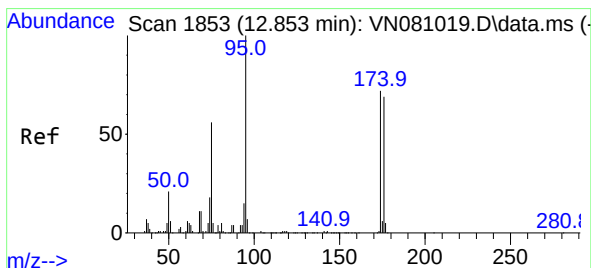
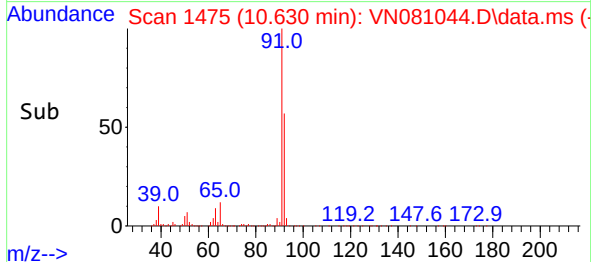
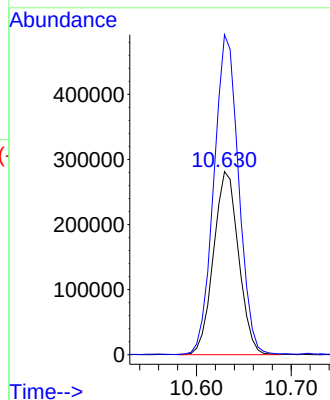
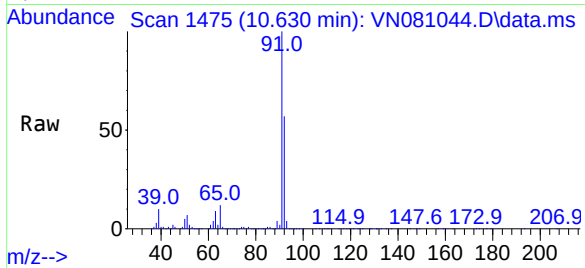




#52
Toluene
Concen: 31.762 ug/l
RT: 10.630 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

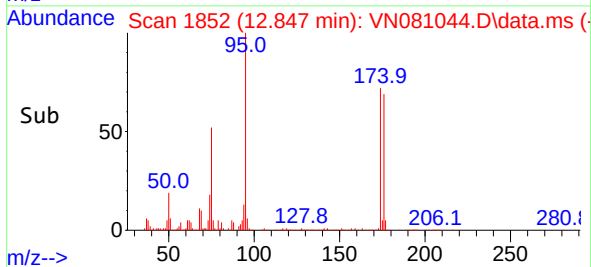
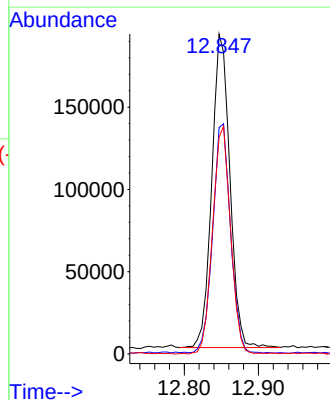
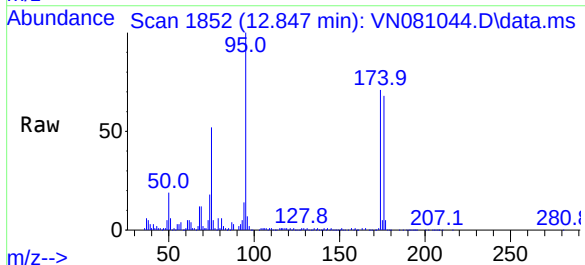
Instrument :
MSVOA_N
ClientSampleId :

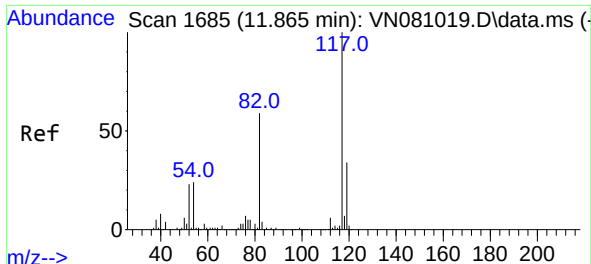
Tgt Ion: 92 Resp: 517188
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 50.883 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

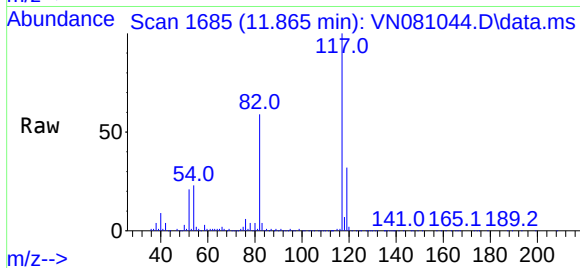
Tgt Ion: 95 Resp: 322447
Ion Ratio Lower Upper
95 100
174 72.2 0.0 120.4
176 72.1 0.0 121.0



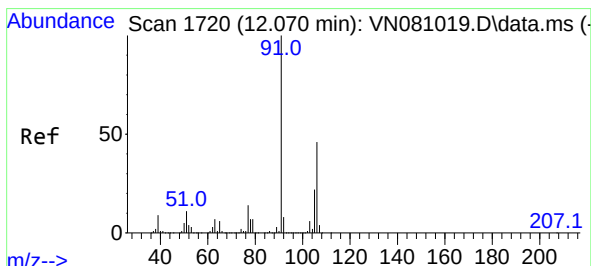
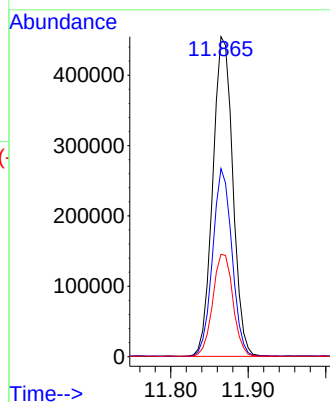
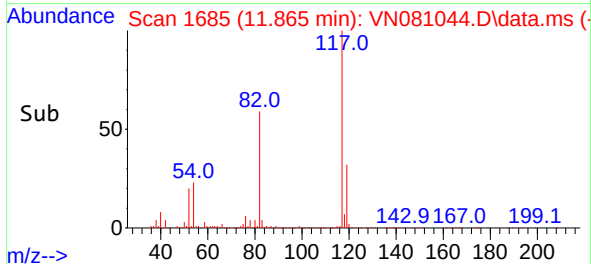


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

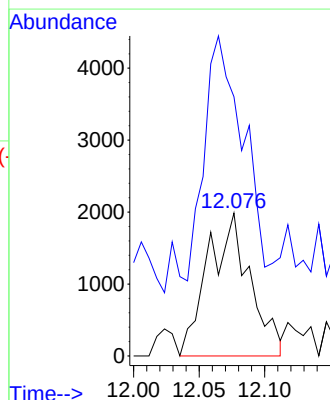
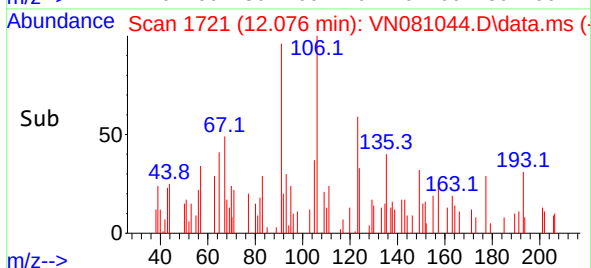
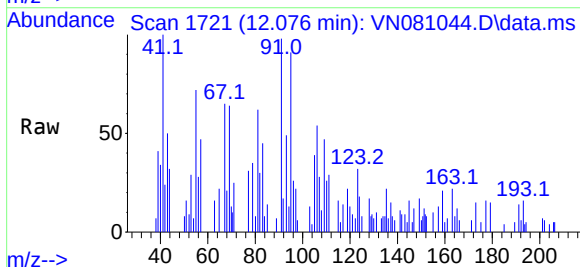


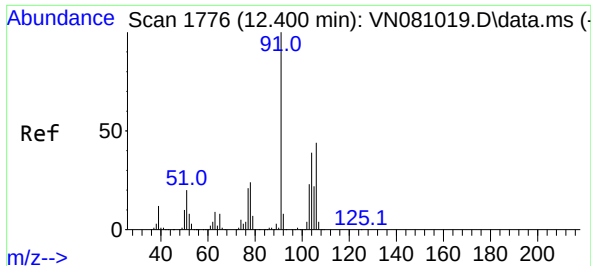
Tgt Ion:117 Resp: 817380
Ion Ratio Lower Upper
117 100
82 58.7 52.7 79.1
119 31.9 25.3 37.9



#68
m/p-Xylenes
Concen: 0.372 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Tgt Ion:106 Resp: 4428
Ion Ratio Lower Upper
106 100
91 180.5 169.0 253.6

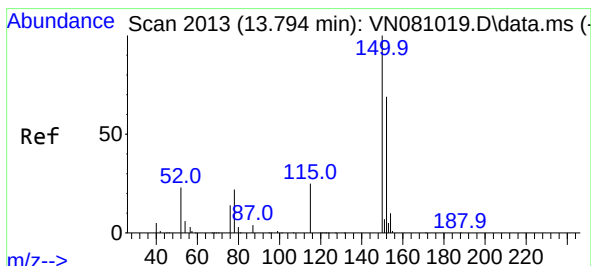
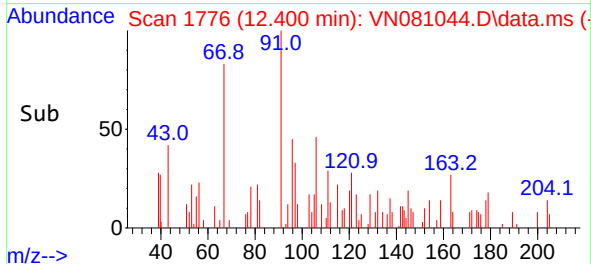
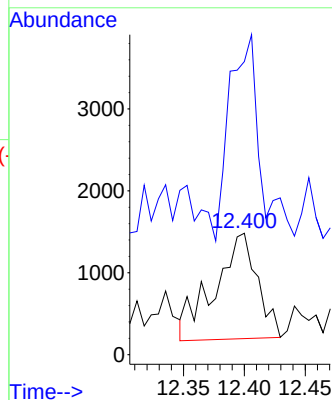
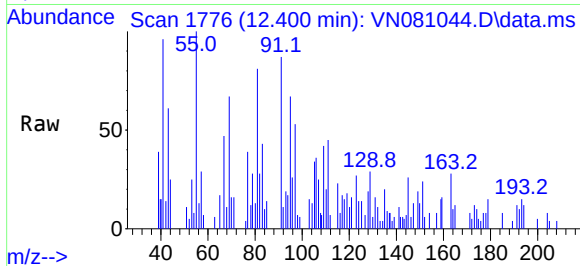




#69
o-Xylene
Concen: 0.272 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

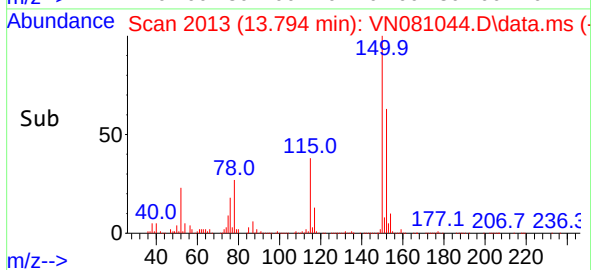
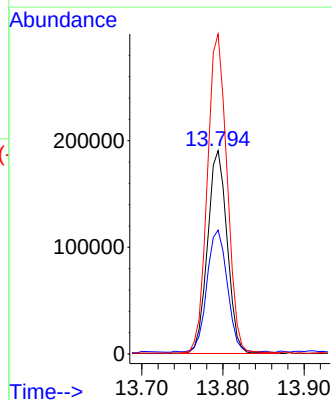
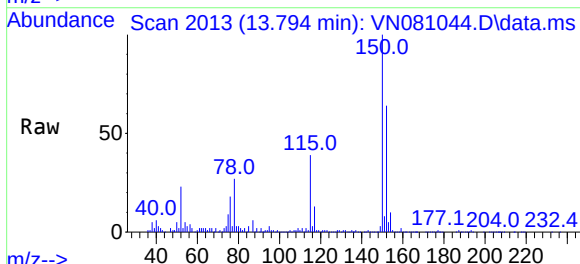
Instrument :
MSVOA_N
ClientSampleId :

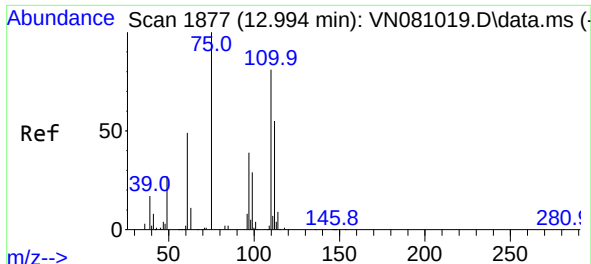
Tgt Ion:106 Resp: 3139
Ion Ratio Lower Upper
106 100
91 139.3 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Tgt Ion:152 Resp: 318283
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 158.0 0.0 339.8

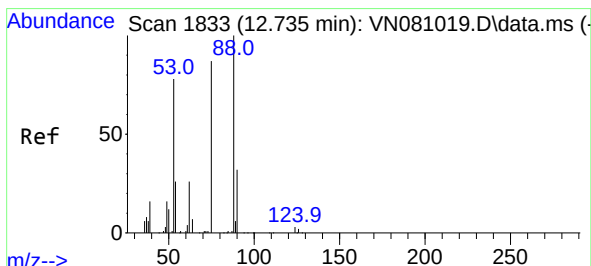
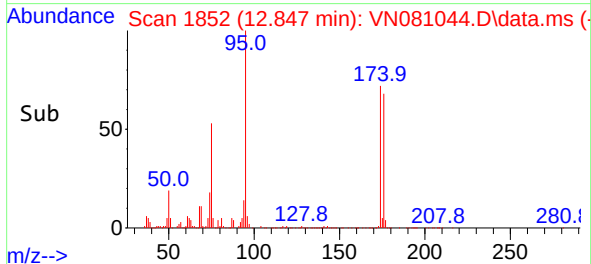
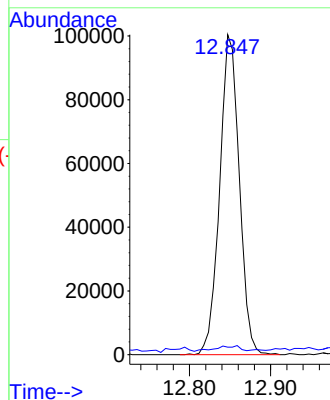
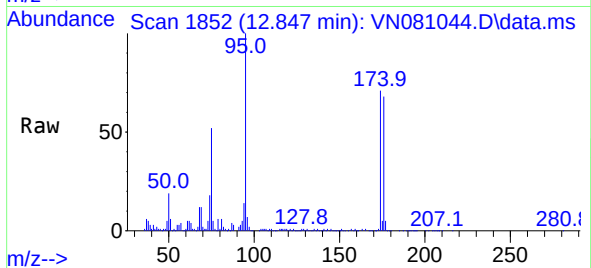




#76
1,2,3-Trichloropropane
Concen: 24.013 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

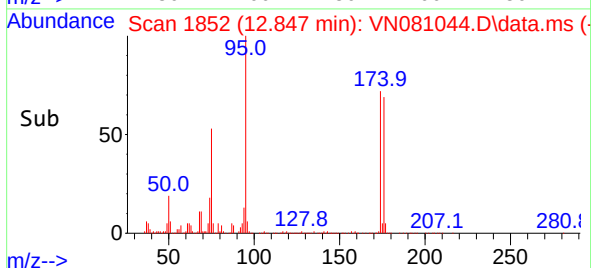
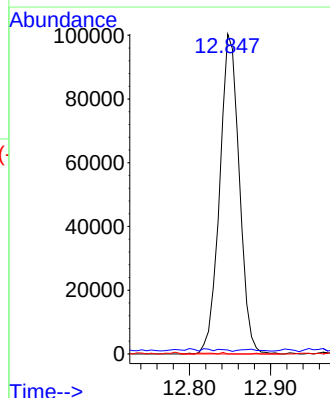
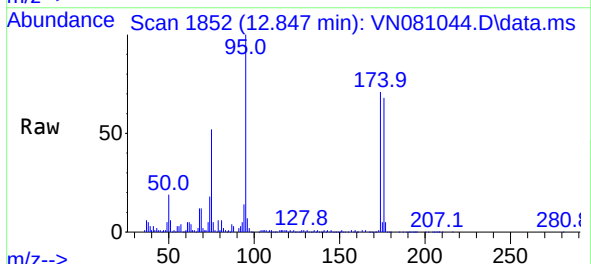
Instrument :
MSVOA_N
ClientSampleId :

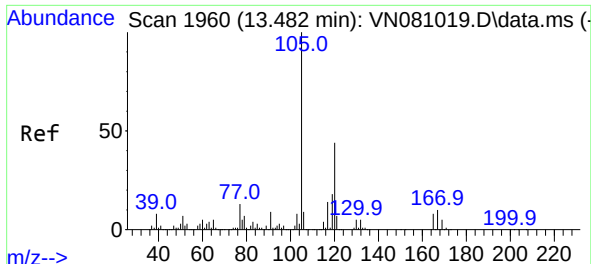
Tgt Ion: 75 Resp: 168876
Ion Ratio Lower Upper
75 100
77 2.0 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.898 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Tgt Ion: 75 Resp: 168876
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

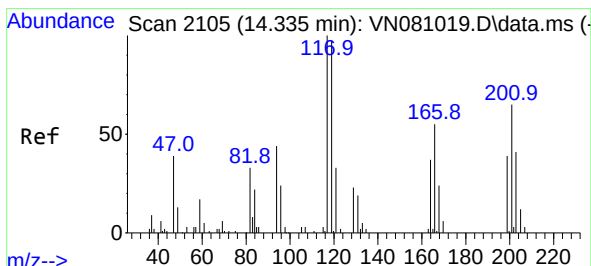
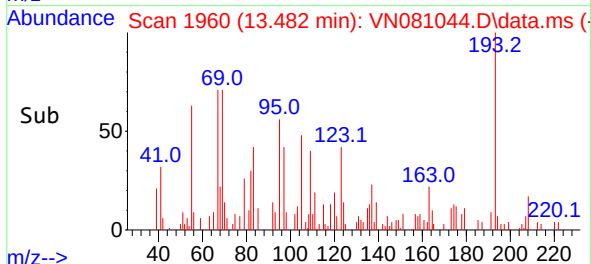
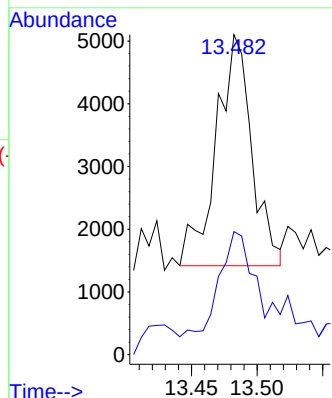
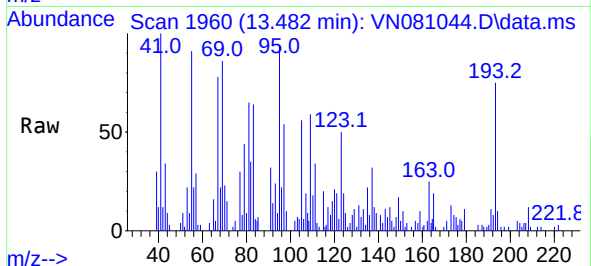




#84
1,2,4-Trimethylbenzene
Concen: 0.289 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

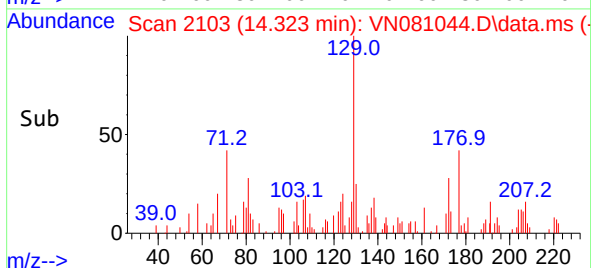
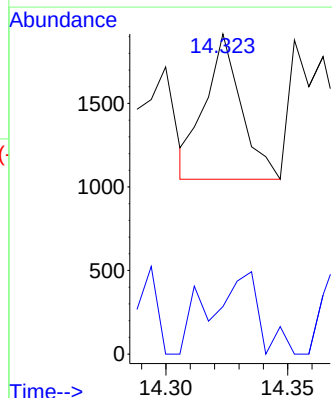
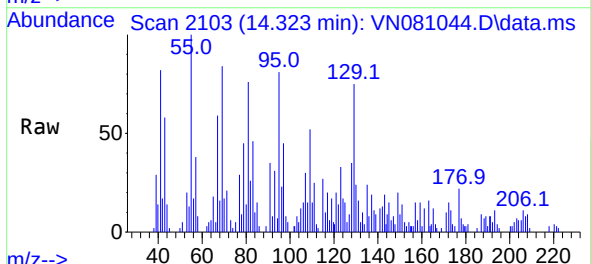
Instrument :
MSVOA_N
ClientSampleId :

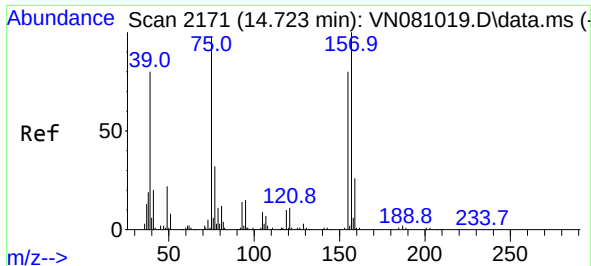
Tgt Ion:105 Resp: 6959
Ion Ratio Lower Upper
105 100
120 62.5 20.9 62.7



#90
Hexachloroethane
Concen: Below Cal
RT: 14.323 min Scan# 2103
Delta R.T. -0.012 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Tgt Ion:117 Resp: 896
Ion Ratio Lower Upper
117 100
201 78.0 30.0 90.0

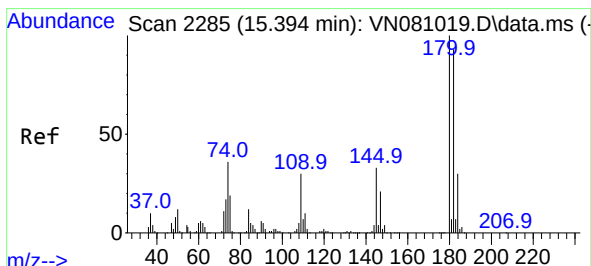
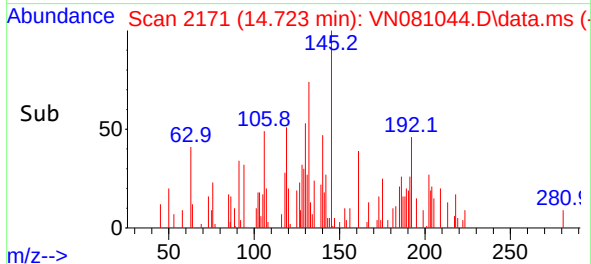
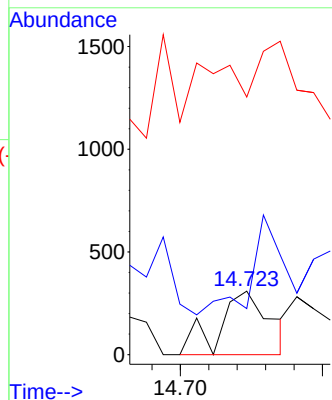
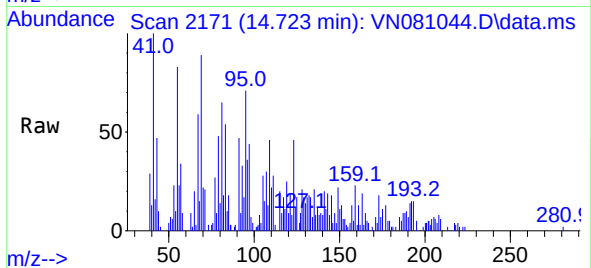




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

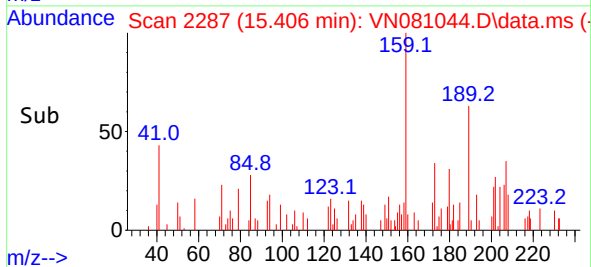
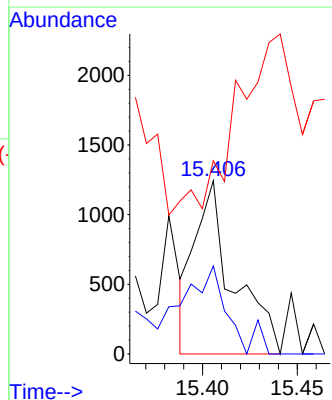
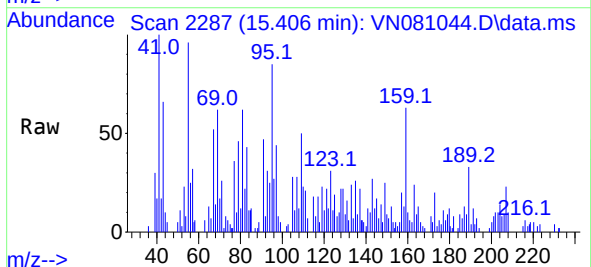
Instrument :
MSVOA_N
ClientSampleId :

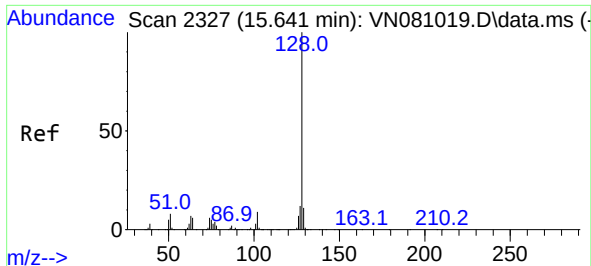
Tgt Ion: 75 Resp: 385
Ion Ratio Lower Upper
75 100
155 61.3 31.8 95.4
157 0.0 41.1 123.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.275 ug/l
RT: 15.406 min Scan# 2287
Delta R.T. 0.012 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Tgt Ion:180 Resp: 1768
Ion Ratio Lower Upper
180 100
182 75.1 46.6 139.7
145 0.0 16.8 50.3#

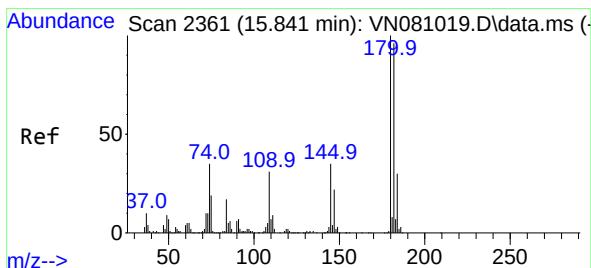
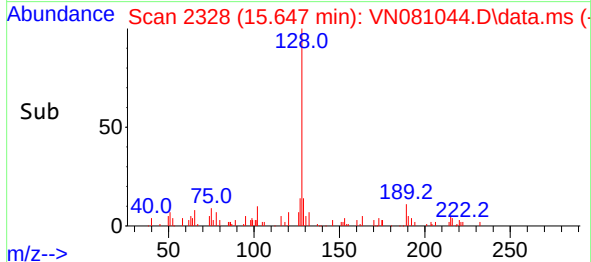
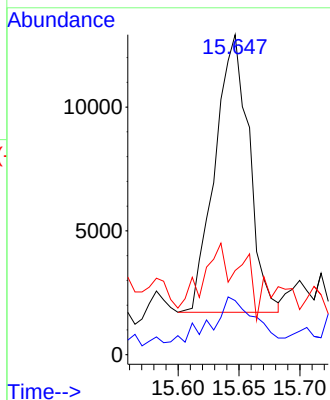
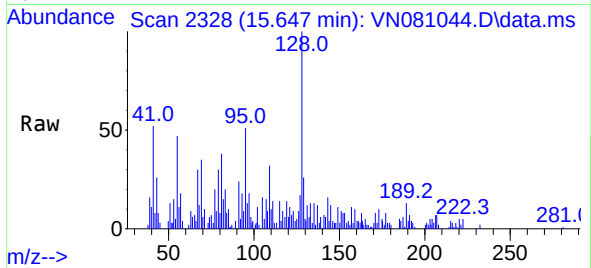




#95
Naphthalene
Concen: 0.954 ug/l
RT: 15.647 min Scan# 21828
Delta R.T. 0.006 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 21828
Ion Ratio Lower Upper
128 100
127 19.3 10.0 15.0#
129 15.1 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.217 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.012 min
Lab File: VN081044.D
Acq: 15 Feb 2024 17:06

Tgt Ion:180 Resp: 1370
Ion Ratio Lower Upper
180 100
182 9.9 46.5 139.3#
145 70.5 17.8 53.4#

