

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075781.D
 Acq On : 14 Dec 2022 19:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 15 00:29:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

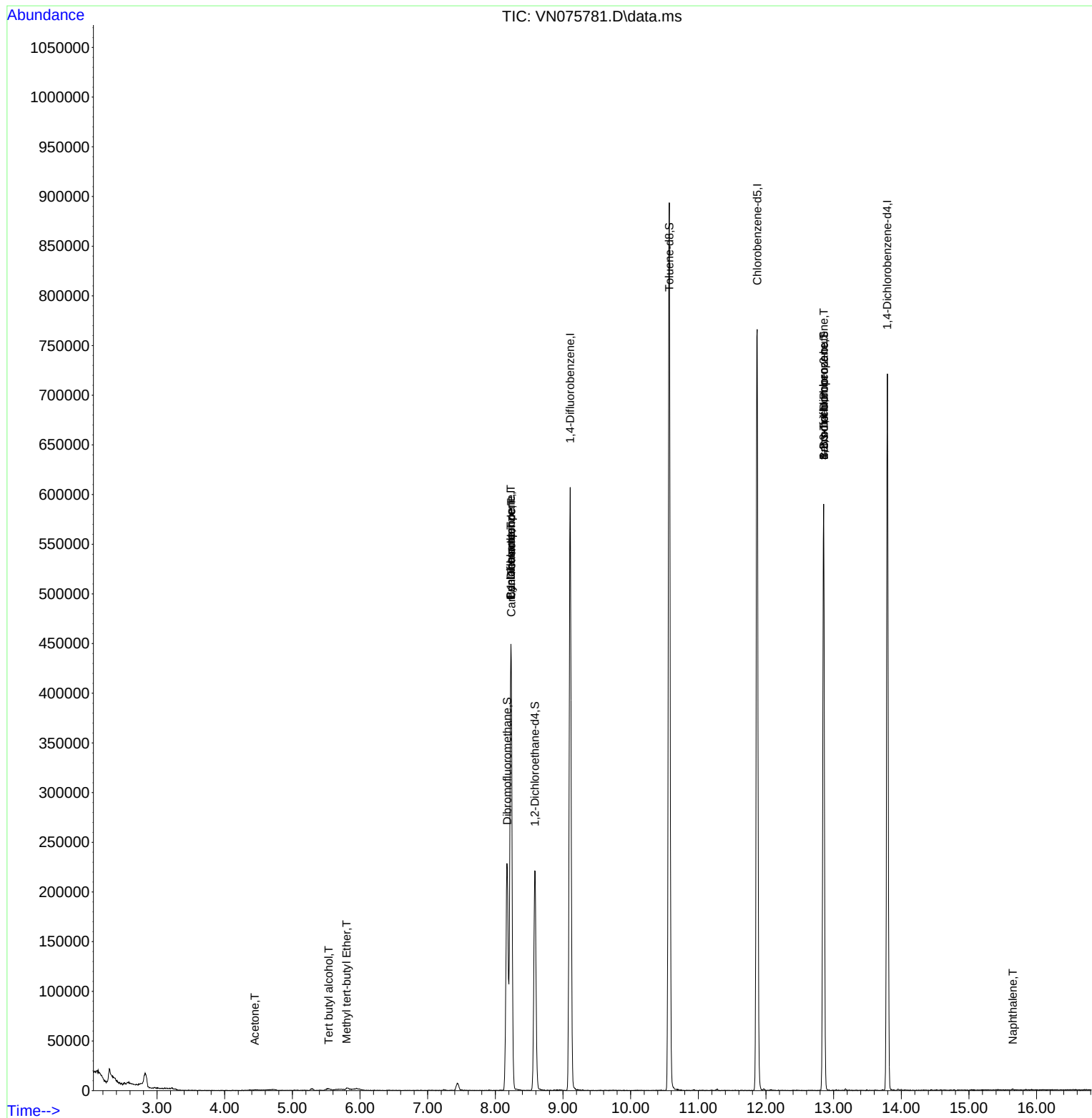
Internal Standards						
1) Pentafluorobenzene	8.229	168	355960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	555518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	480964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	181253	46.805	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.620%
35) Dibromofluoromethane	8.177	113	164393	47.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	10.570	98	645279	50.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.853	95	198094	46.498	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	3579	6.532	ug/l #	72
16) Acetone	4.447	43	281	0.210	ug/l #	39
19) Methyl tert-butyl Ether	5.800	73	3215	0.309	ug/l #	87
20) Methylene Chloride	5.283	84	1028	Below Cal	#	72
31) Cyclohexane	8.229	56	6688	1.206	ug/l #	18
36) 1,1-Dichloropropene	8.229	75	24159	5.286	ug/l #	50
38) Carbon Tetrachloride	8.235	117	34819	6.807	ug/l #	16
71) Bromoform	12.853	173	1608	0.604	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	101353	25.116	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101353	90.404	ug/l #	12
95) Naphthalene	15.647	128	1434	2.303	ug/l #	74

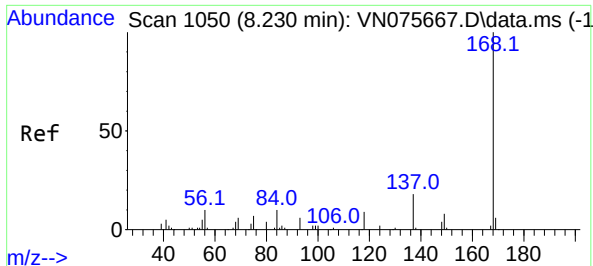
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

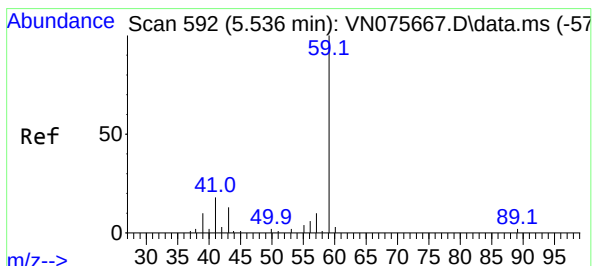
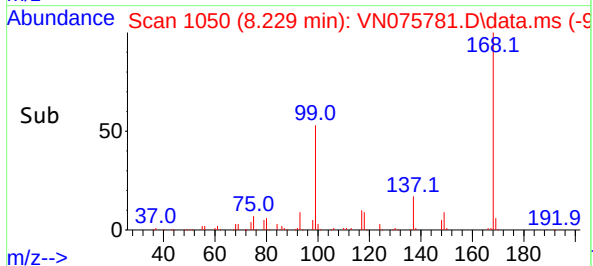
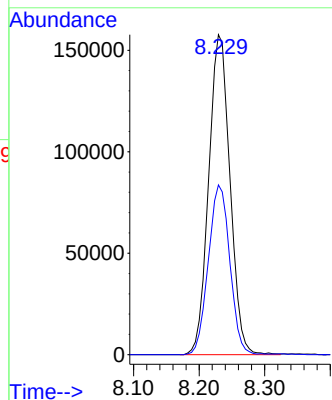
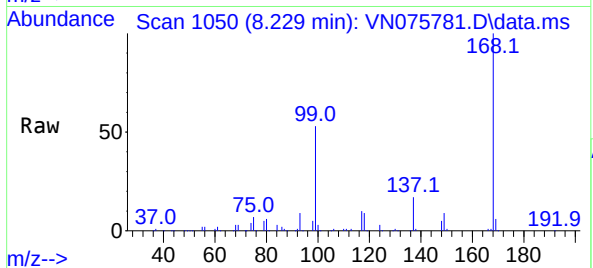




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

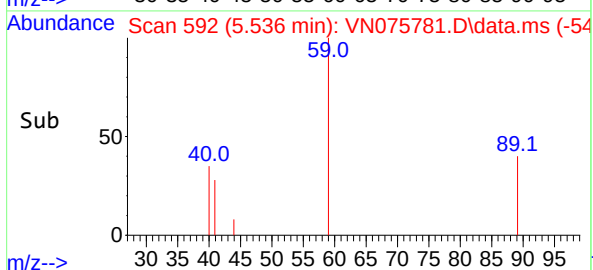
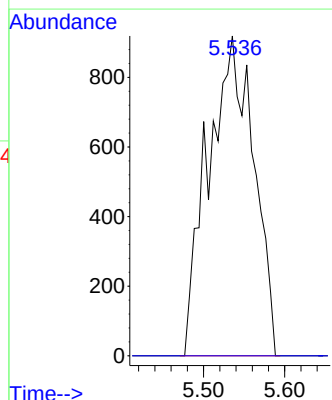
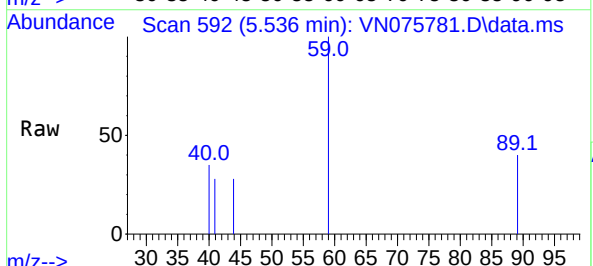
Instrument :
MSVOA_N
ClientSampleId :
IBLK

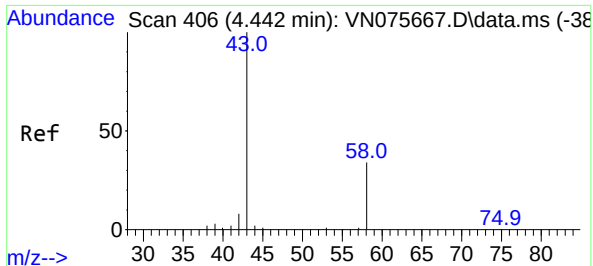
Tgt Ion:168 Resp: 355960
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 6.532 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

Tgt Ion: 59 Resp: 3579
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 0.210 ug/l

RT: 4.447 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN075781.D

Acq: 14 Dec 2022 19:39

Instrument :

MSVOA_N

ClientSampleId :

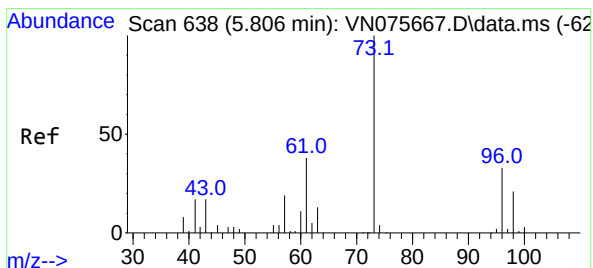
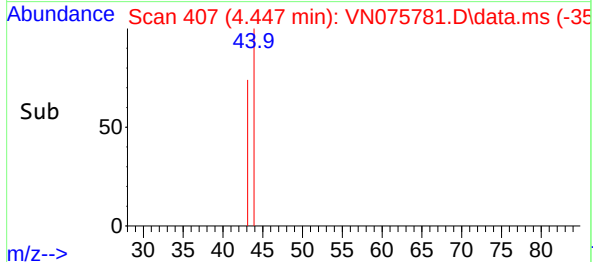
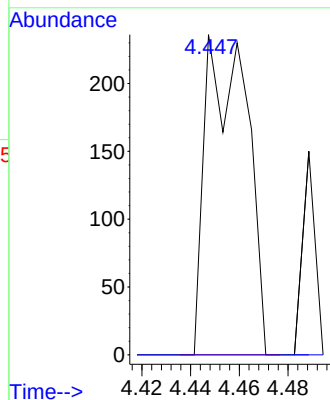
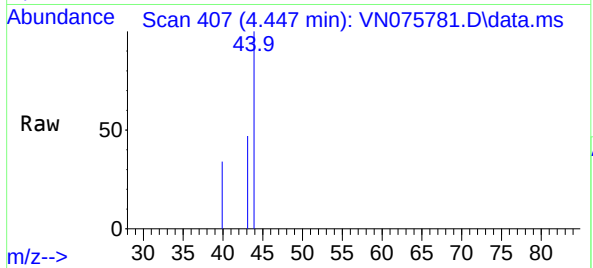
IBLK

Tgt Ion: 43 Resp: 281

Ion Ratio Lower Upper

43 100

58 0.0 28.6 43.0#



#19

Methyl tert-butyl Ether

Concen: 0.309 ug/l

RT: 5.800 min Scan# 637

Delta R.T. -0.006 min

Lab File: VN075781.D

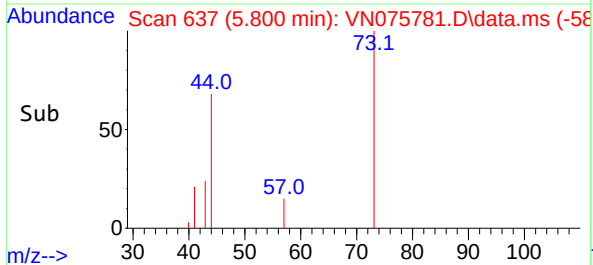
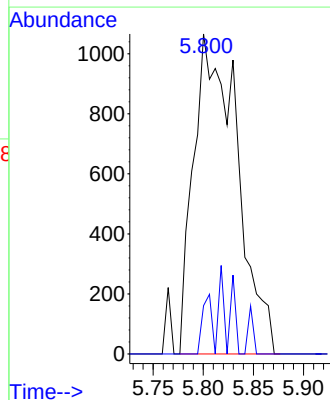
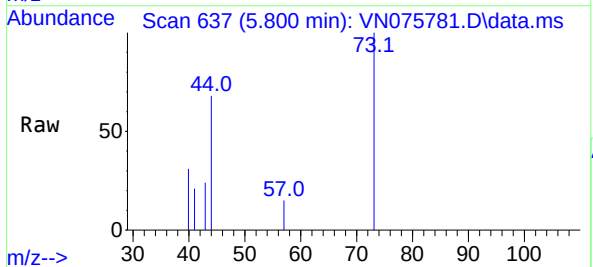
Acq: 14 Dec 2022 19:39

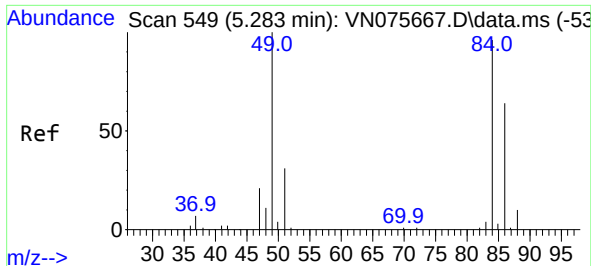
Tgt Ion: 73 Resp: 3215

Ion Ratio Lower Upper

73 100

57 15.1 17.1 25.7#



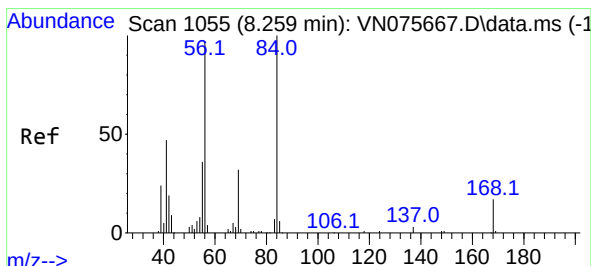
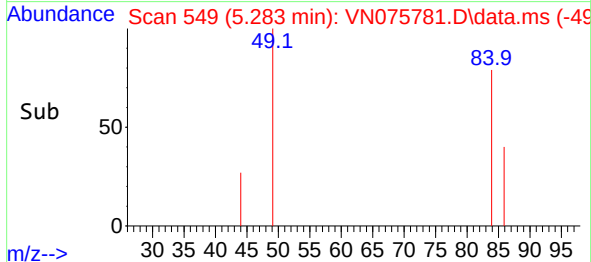
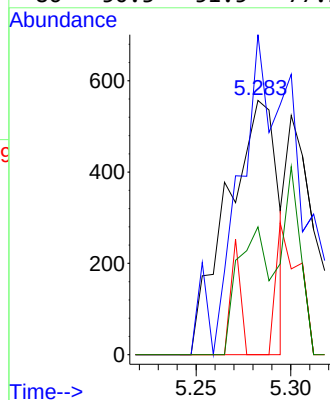
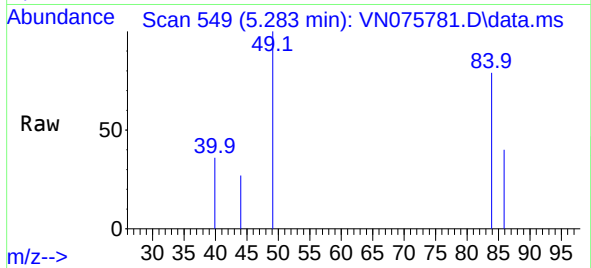


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1028

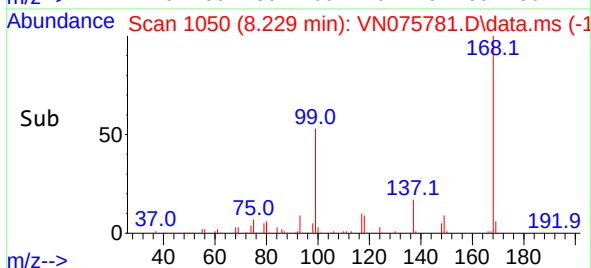
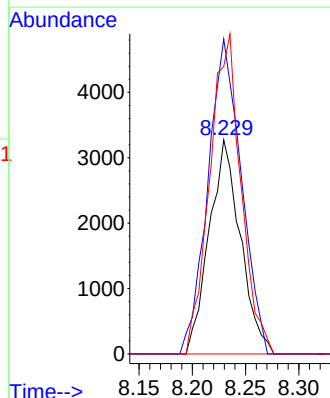
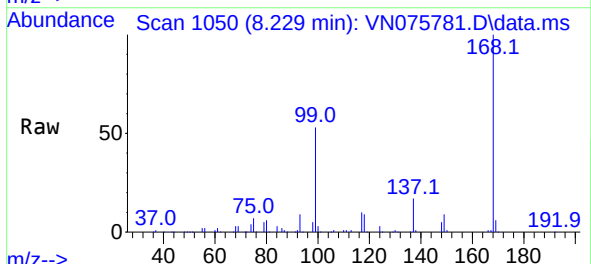
Ion	Ratio	Lower	Upper
84	100		
49	125.9	81.8	122.6#
51	0.0	26.7	40.1#
86	50.3	51.5	77.3#

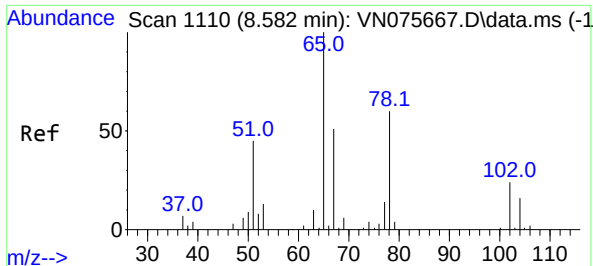


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

Tgt Ion: 56 Resp: 6688

Ion	Ratio	Lower	Upper
56	100		
69	147.1	24.7	37.1#
84	134.2	76.5	114.7#

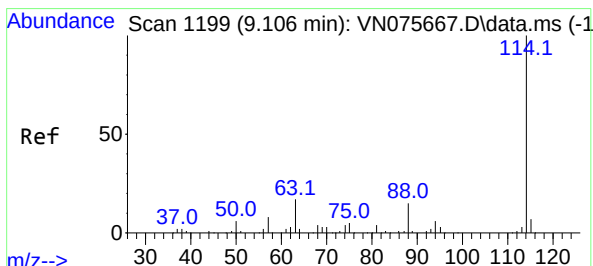
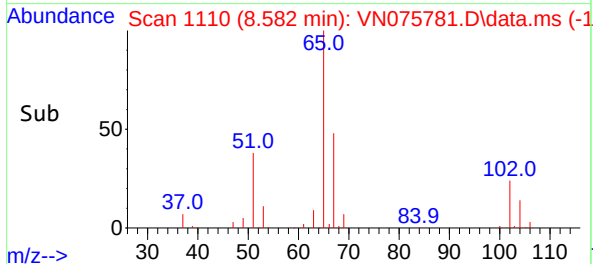
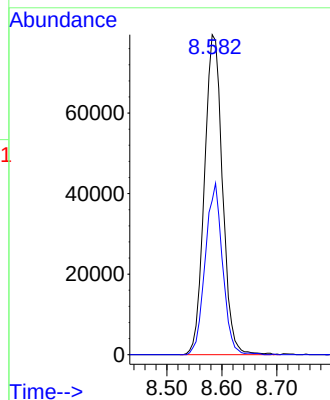
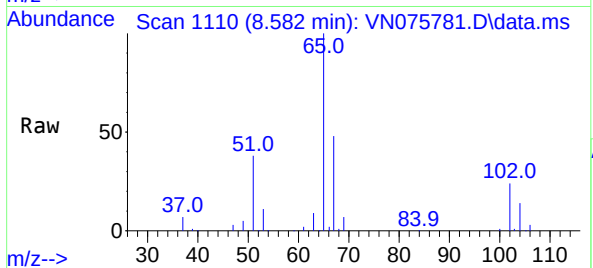




#33
1,2-Dichloroethane-d4
Concen: 46.805 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

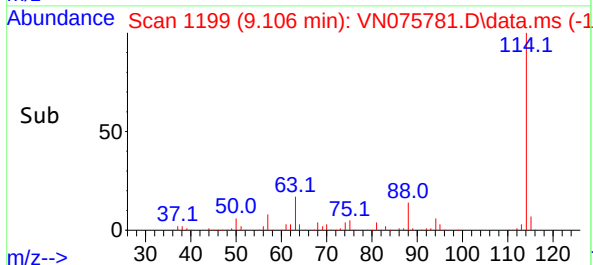
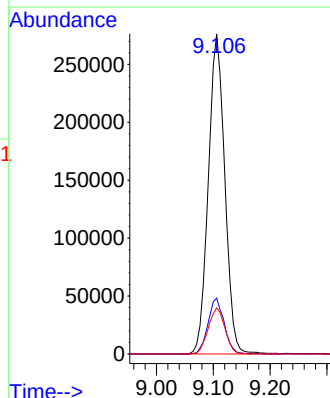
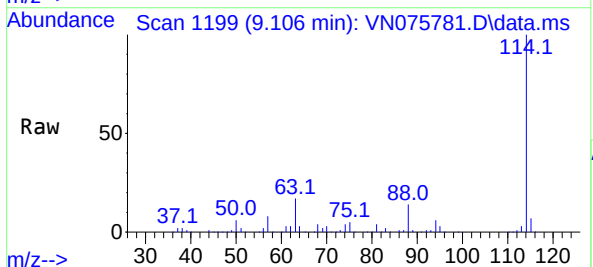
Instrument :
MSVOA_N
ClientSampleId :
IBLK

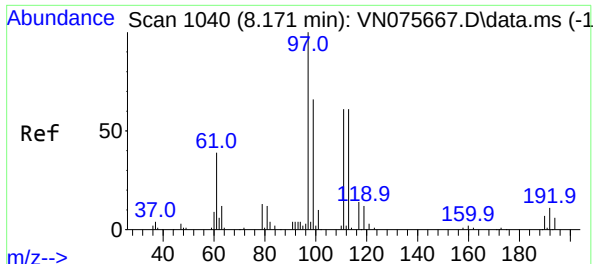
Tgt Ion: 65 Resp: 181253
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

Tgt Ion: 114 Resp: 555518
Ion Ratio Lower Upper
114 100
63 17.4 0.0 34.4
88 14.4 0.0 28.8

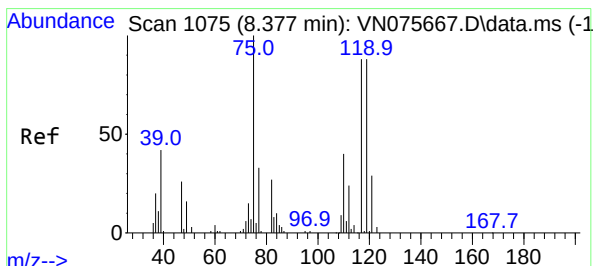
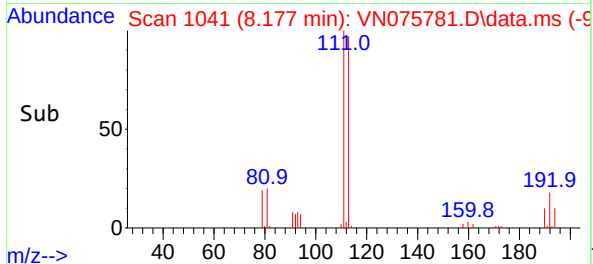
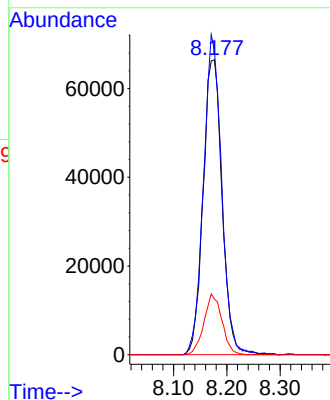
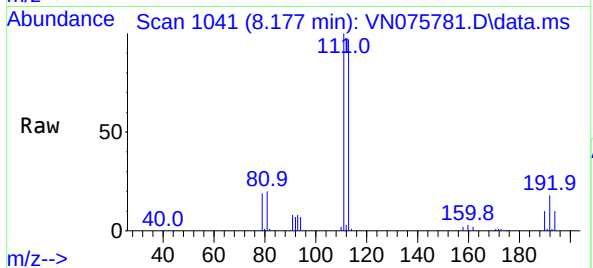




#35
Dibromofluoromethane
Concen: 47.785 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

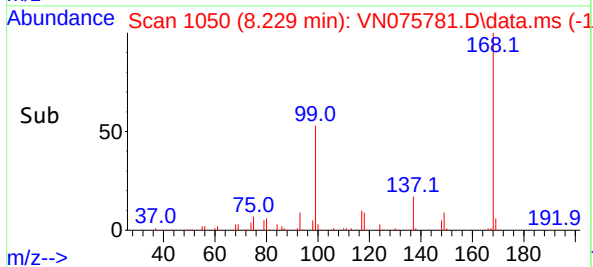
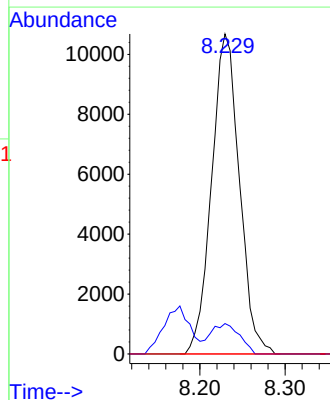
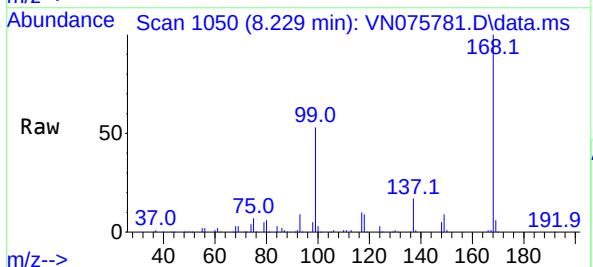
Instrument :
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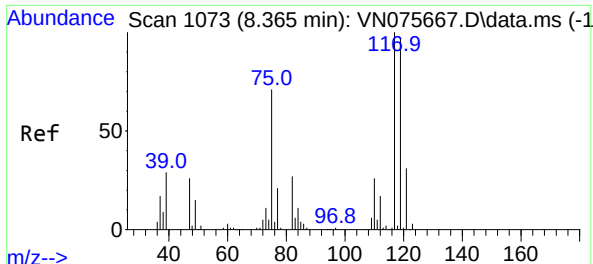
Tgt Ion:113 Resp: 164393
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 19.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.286 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

Tgt Ion: 75 Resp: 24159
Ion Ratio Lower Upper
75 100
110 10.0 18.8 56.4#
77 0.0 24.1 36.1#

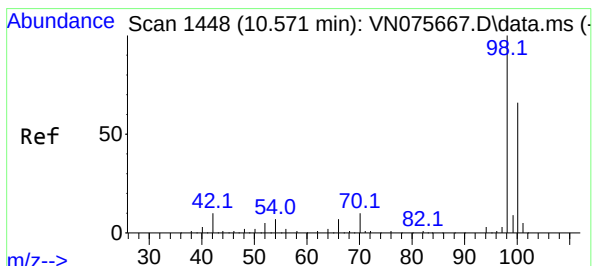
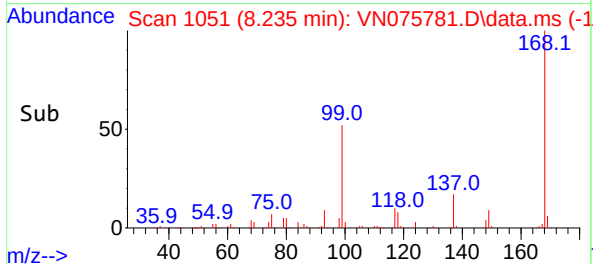
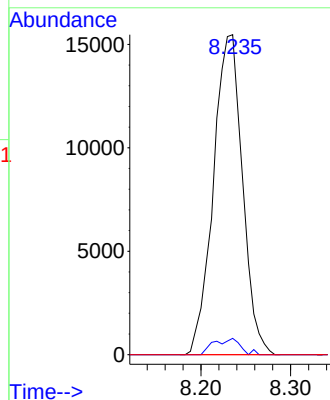
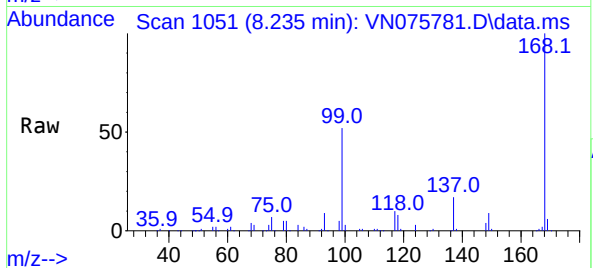




#38
Carbon Tetrachloride
Concen: 6.807 ug/l
RT: 8.235 min Scan# 1073
Delta R.T. -0.130 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

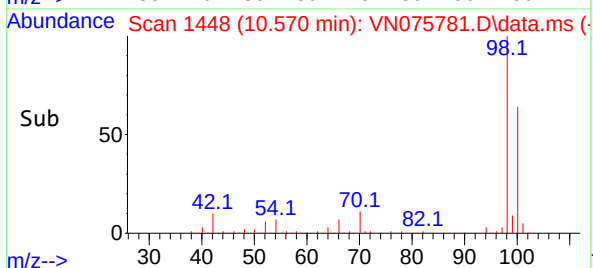
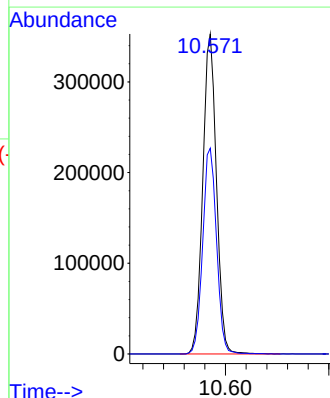
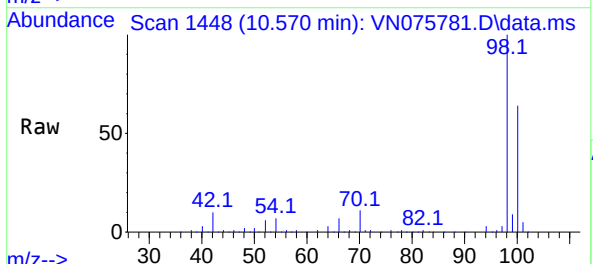
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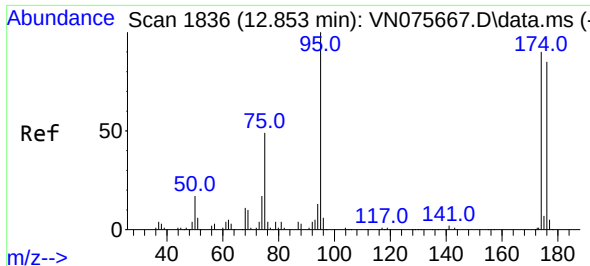
Tgt Ion:117 Resp: 34819
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.167 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

Tgt Ion: 98 Resp: 645279
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

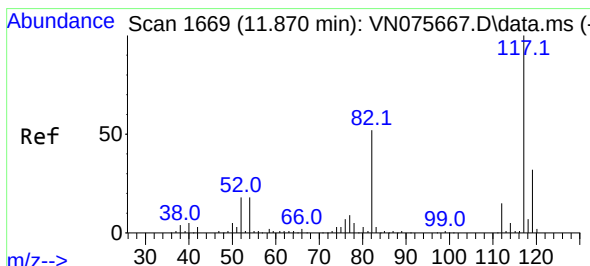
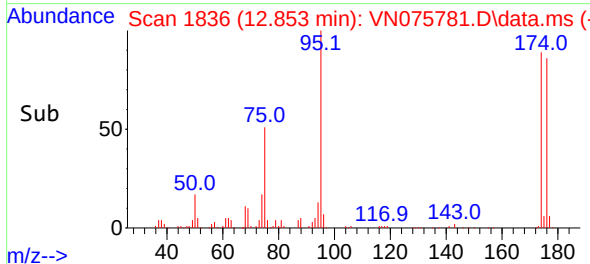
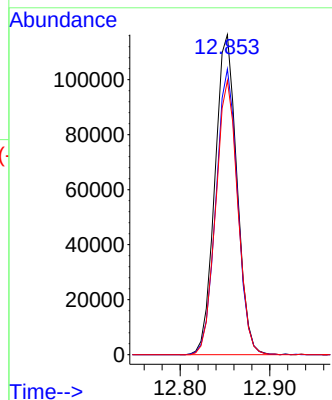
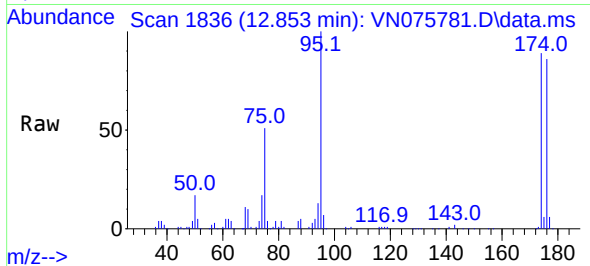




#62
4-Bromofluorobenzene
Concen: 46.498 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

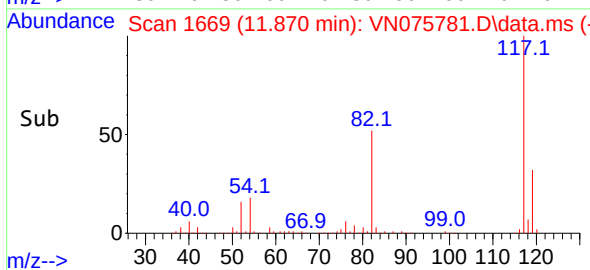
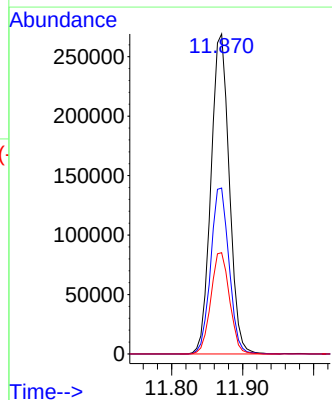
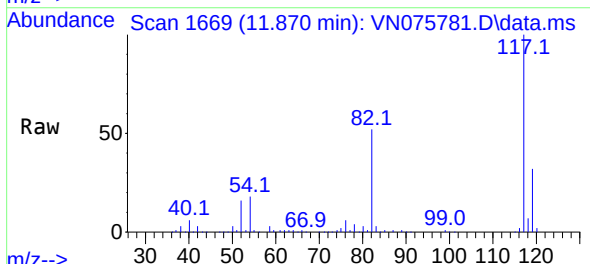
Instrument :
MSVOA_N
ClientSampleId :
IBLK

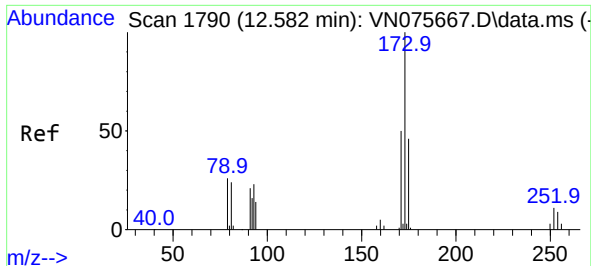
Tgt Ion: 95 Resp: 198094
Ion Ratio Lower Upper
95 100
174 87.6 0.0 171.6
176 85.2 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

Tgt Ion: 117 Resp: 480964
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 31.6 24.6 37.0

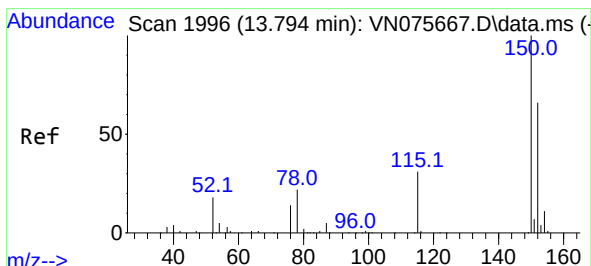
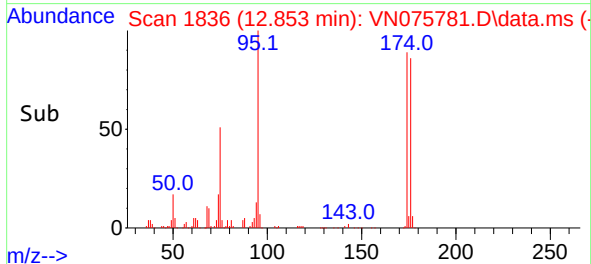
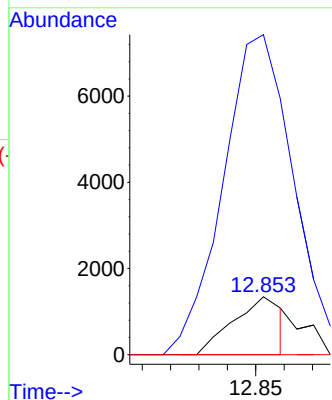
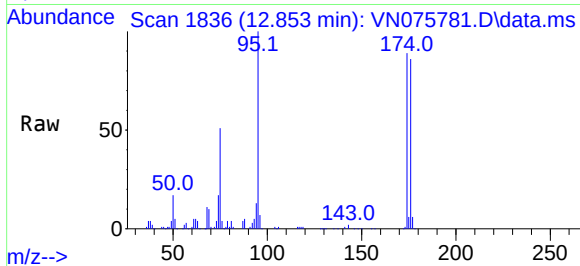




#71
Bromoform
Concen: 0.604 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

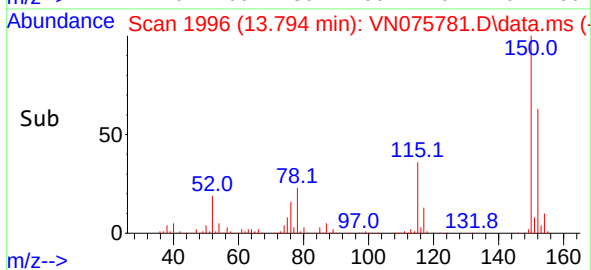
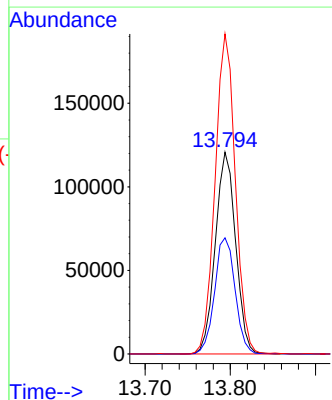
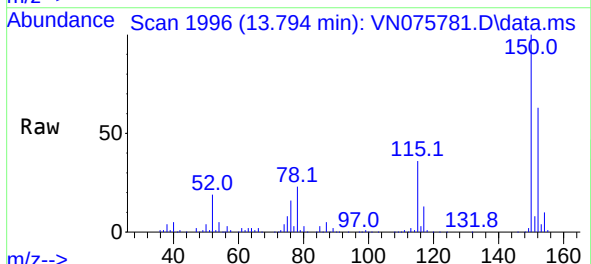
Instrument :
MSVOA_N
ClientSampleId :
IBLK

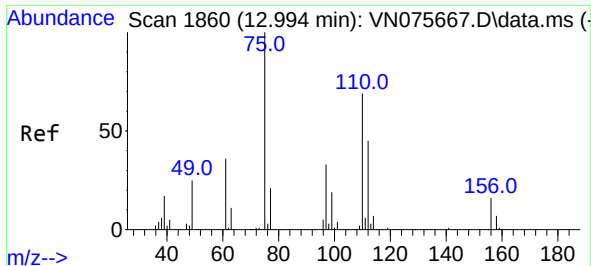
Tgt Ion:173 Resp: 1608
Ion Ratio Lower Upper
173 100
175 657.5 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

Tgt Ion:152 Resp: 200194
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 157.9 0.0 347.0

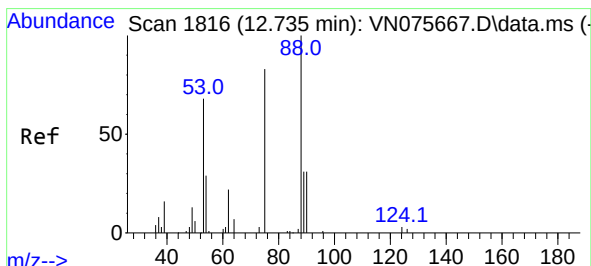
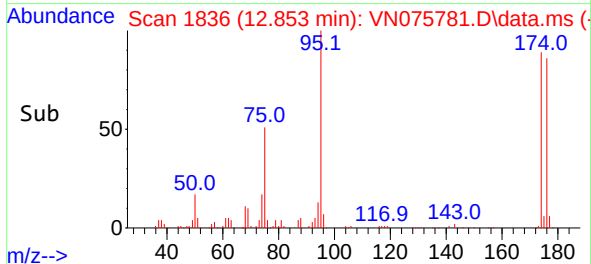
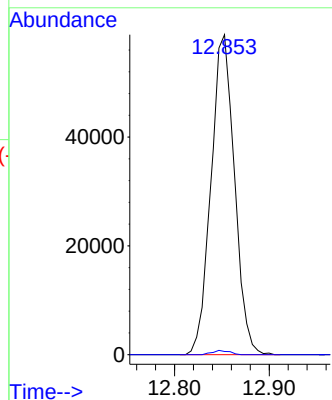
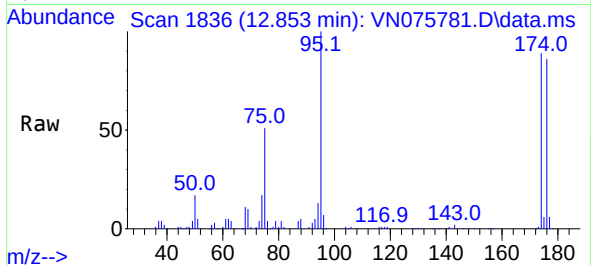




#76
1,2,3-Trichloropropane
Concen: 25.116 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

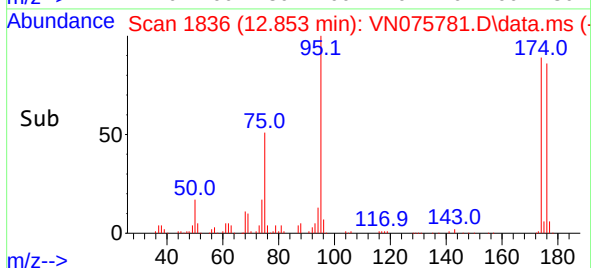
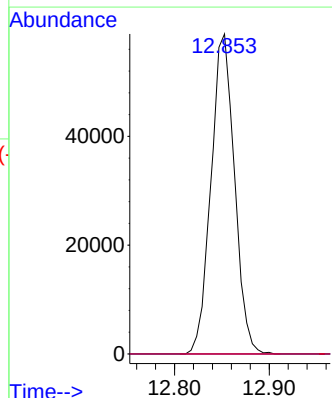
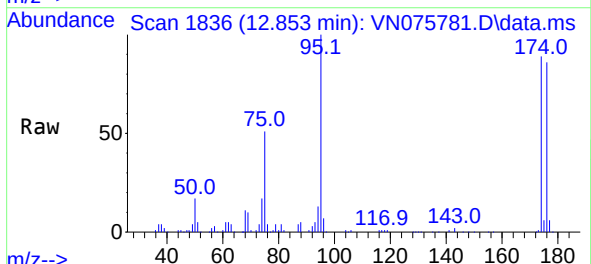
Instrument :
MSVOA_N
ClientSampleId :
IBLK

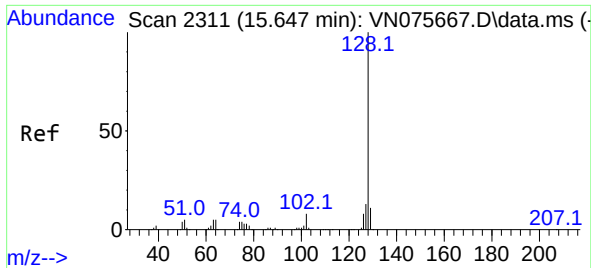
Tgt Ion: 75 Resp: 101353
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.404 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

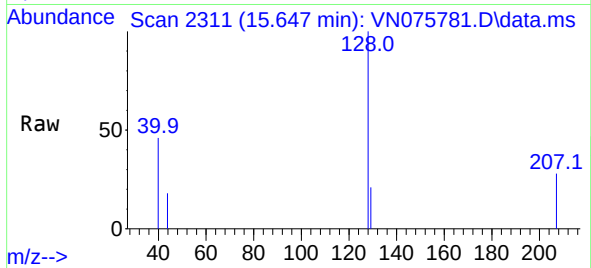
Tgt Ion: 75 Resp: 101353
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.303 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075781.D
Acq: 14 Dec 2022 19:39

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 1434
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 4.5 8.7 13.1#

