

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075901.D
 Acq On : 20 Dec 2022 16:11
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 21 01:28:57 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)

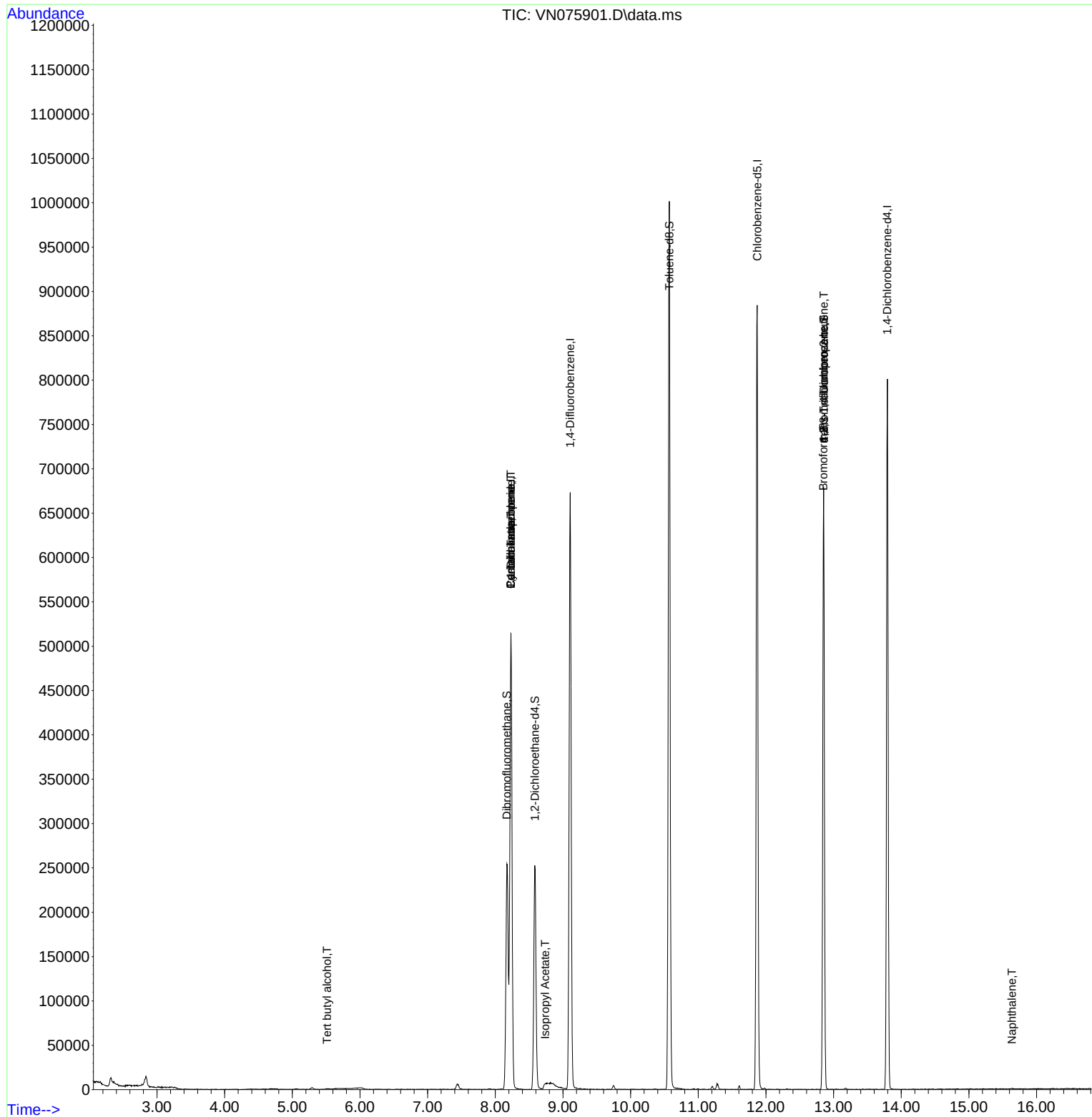
Internal Standards						
1) Pentafluorobenzene	8.230	168	400022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	630358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	542862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	204002	46.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.760%
35) Dibromofluoromethane	8.171	113	183533	47.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	10.571	98	719878	49.322	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.853	95	222826	46.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.513	59	145	0.235	ug/l #	72
20) Methylene Chloride	5.283	84	1276	Below Cal	#	76
31) Cyclohexane	8.230	56	7104	1.140	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	28189	5.436	ug/l #	49
38) Carbon Tetrachloride	8.230	117	38918	6.705	ug/l #	18
43) Isopropyl Acetate	8.736	43	3929	0.572	ug/l #	50
71) Bromoform	12.847	173	1700	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114045	24.936	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114045	89.756	ug/l #	12
95) Naphthalene	15.635	128	598	2.224	ug/l #	69

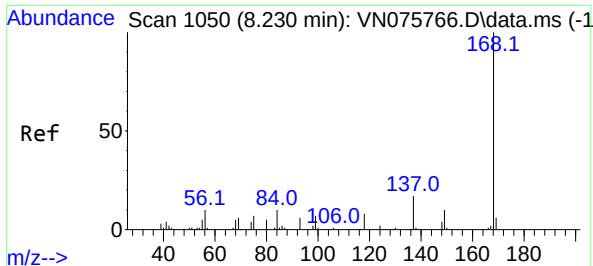
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

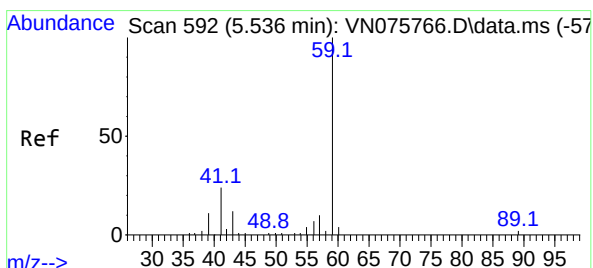
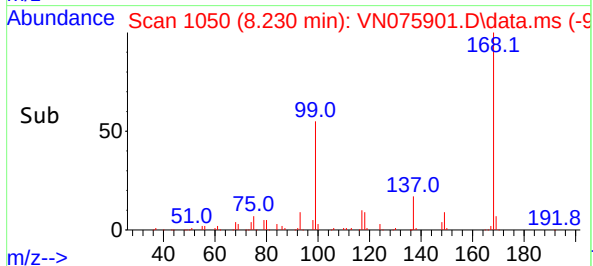
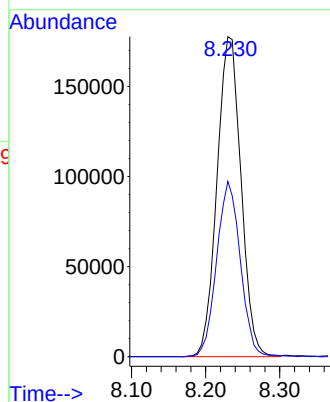
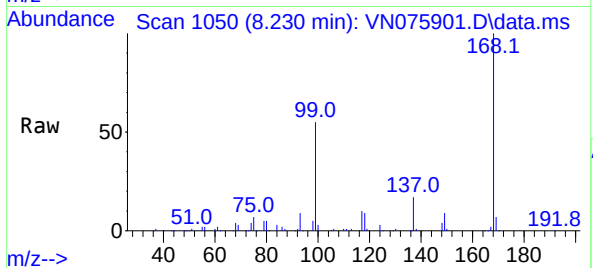




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

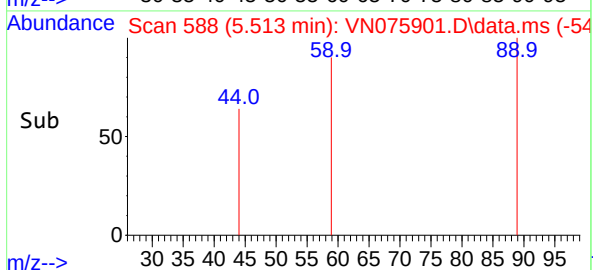
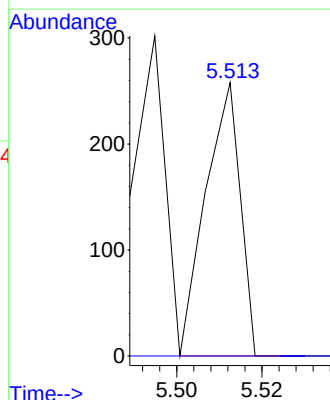
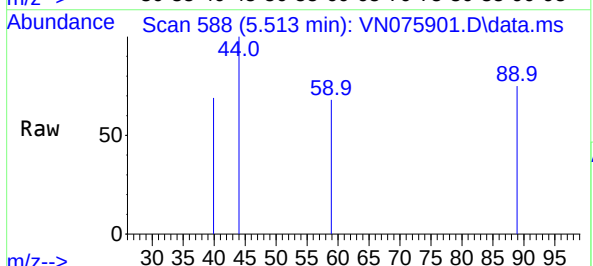
Instrument :
MSVOA_N
ClientSampleId :
IBLK

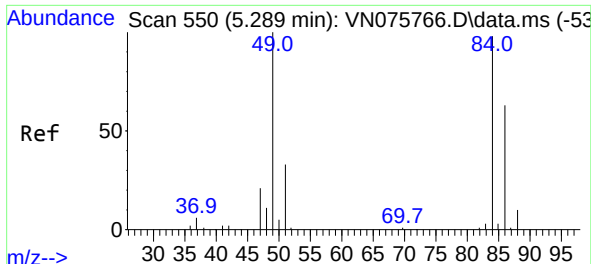
Tgt Ion:168 Resp: 400022
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.235 ug/l
RT: 5.513 min Scan# 588
Delta R.T. -0.023 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



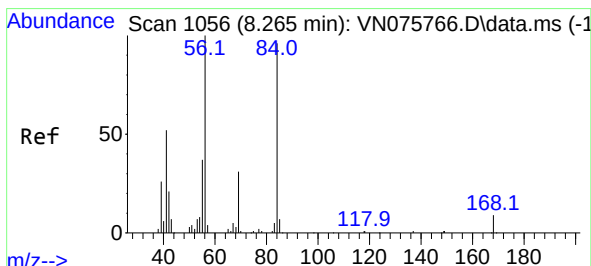
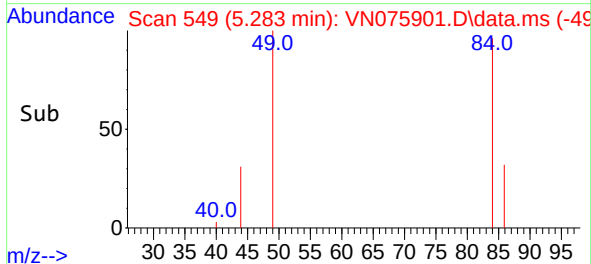
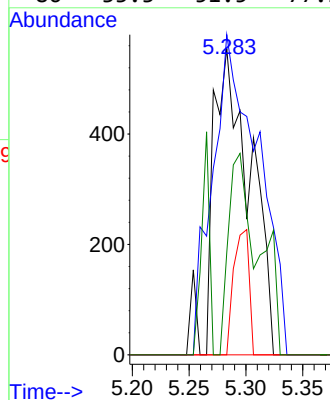
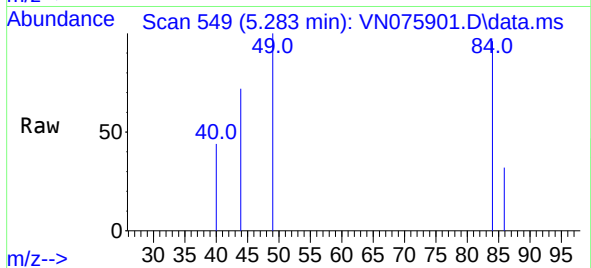


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1276

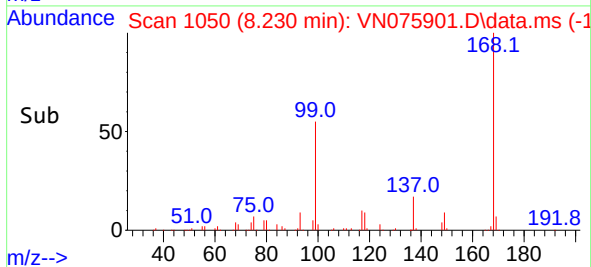
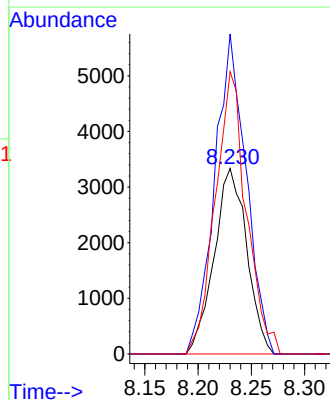
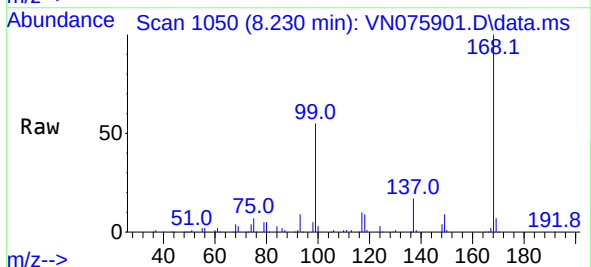
Ion	Ratio	Lower	Upper
84	100		
49	104.5	81.8	122.6
51	0.0	26.7	40.1#
86	33.3	51.5	77.3#

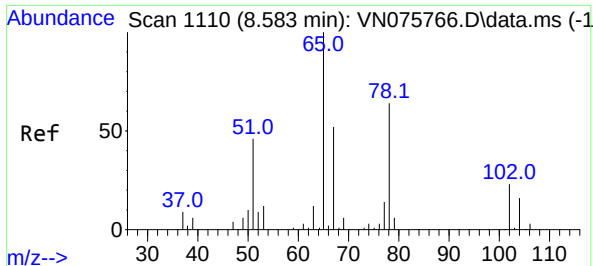


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion: 56 Resp: 7104

Ion	Ratio	Lower	Upper
56	100		
69	172.5	24.7	37.1#
84	152.2	76.5	114.7#

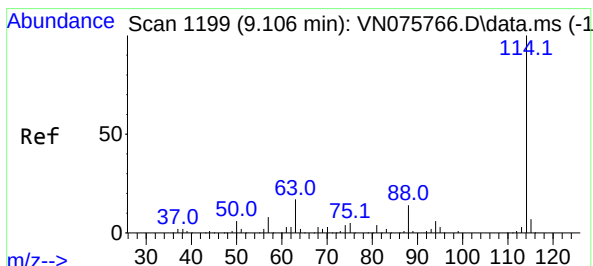
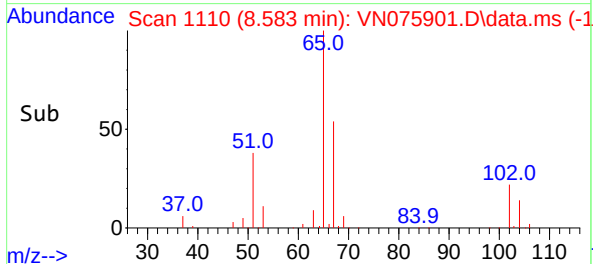
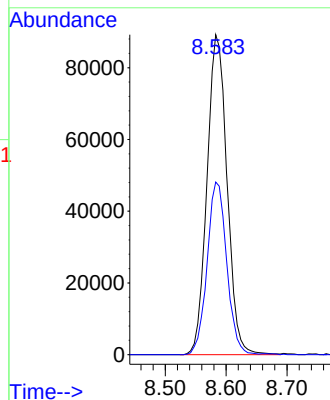
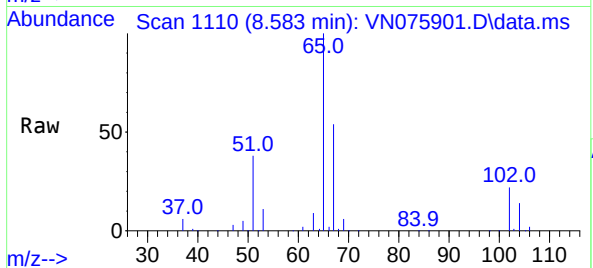




#33
1,2-Dichloroethane-d4
Concen: 46.877 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

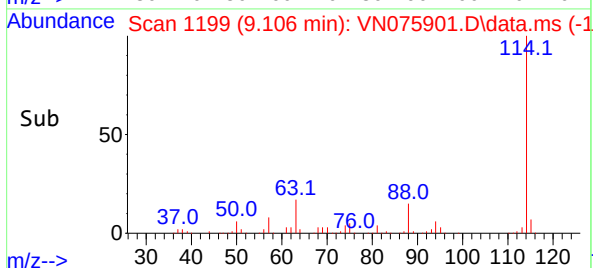
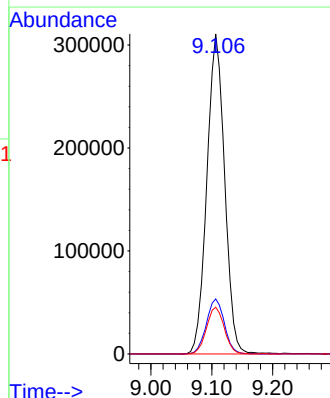
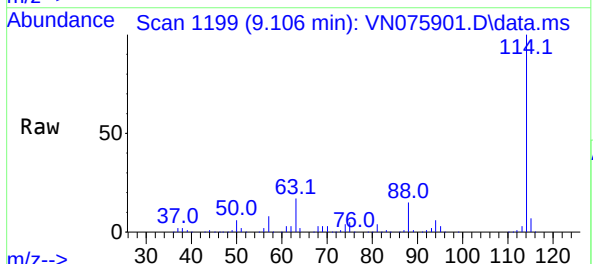
Instrument :
MSVOA_N
ClientSampleId :
IBLK

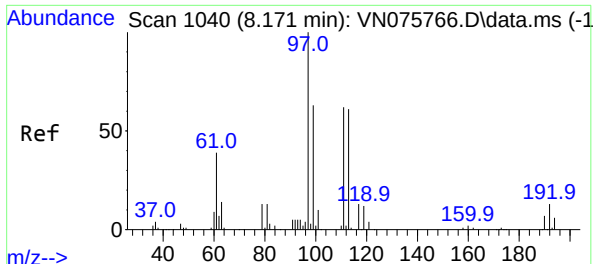
Tgt Ion: 65 Resp: 204002
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion: 114 Resp: 630358
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.4
88 14.6 0.0 28.8

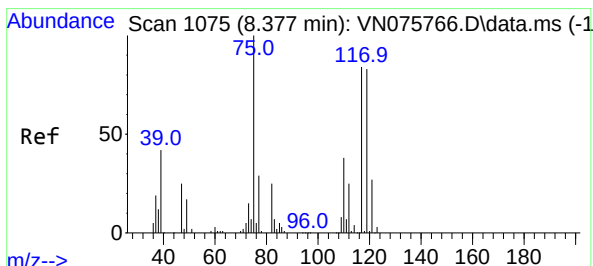
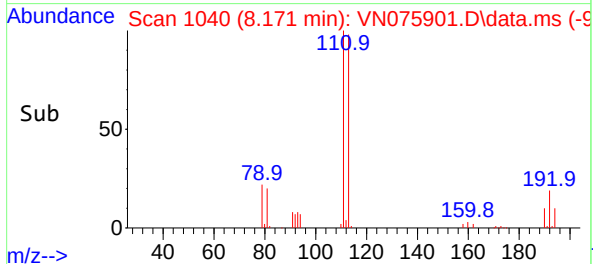
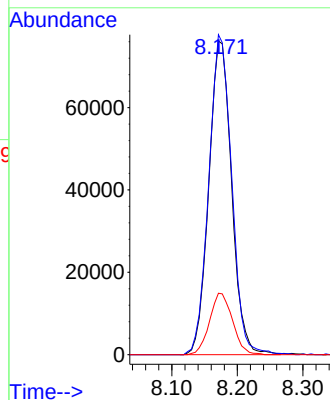
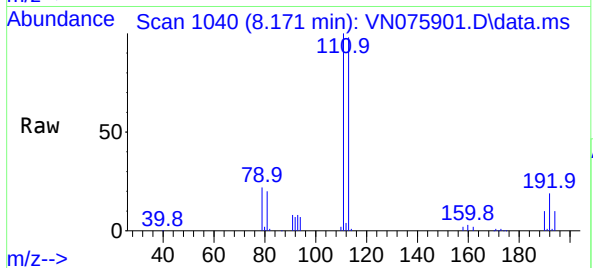




#35
Dibromofluoromethane
Concen: 47.015 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

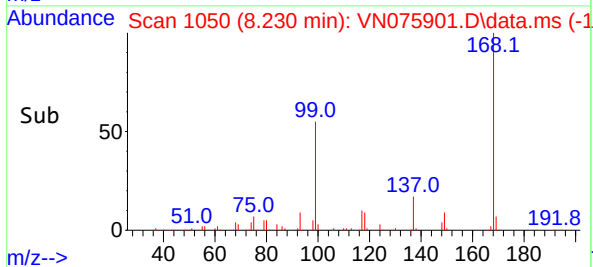
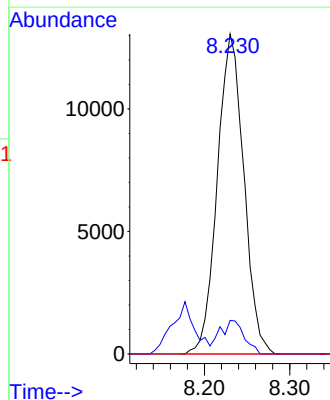
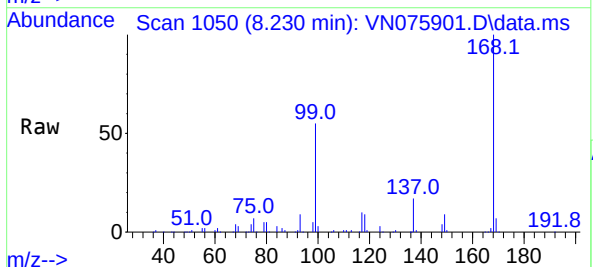
Instrument :
MSVOA_N
ClientSampleId :
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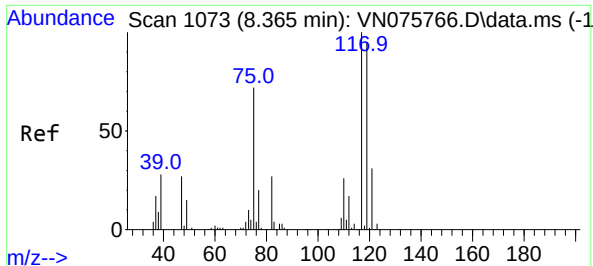
Tgt Ion:113 Resp: 183533
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.2
192 19.8 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.436 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion: 75 Resp: 28189
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 24.1 36.1#

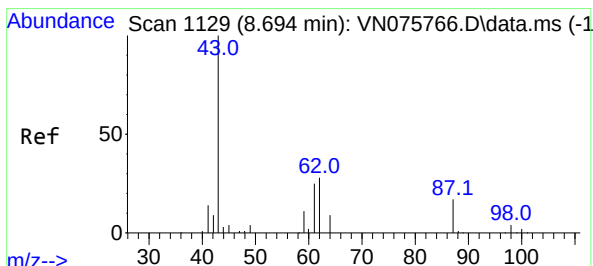
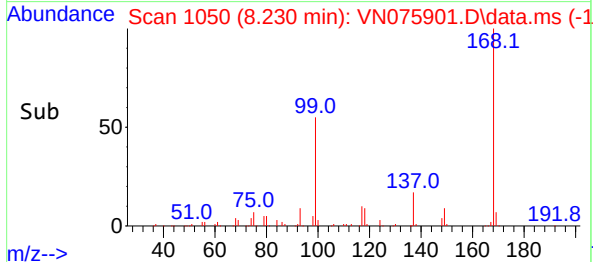
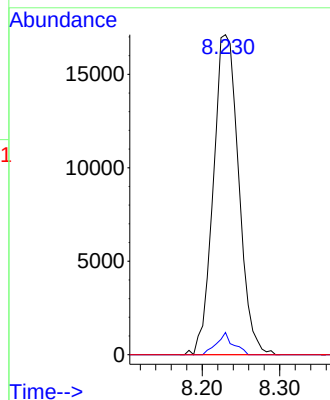
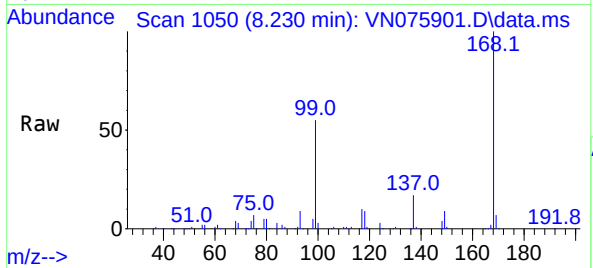




#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 8.230 min Scan# 1135
Delta R.T. -0.135 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

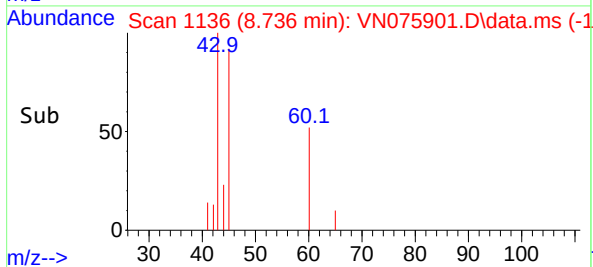
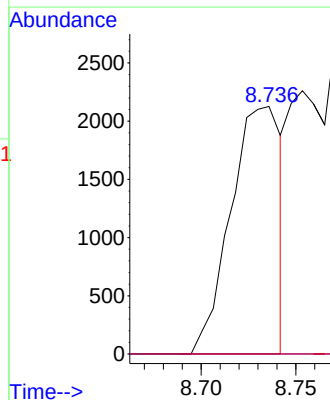
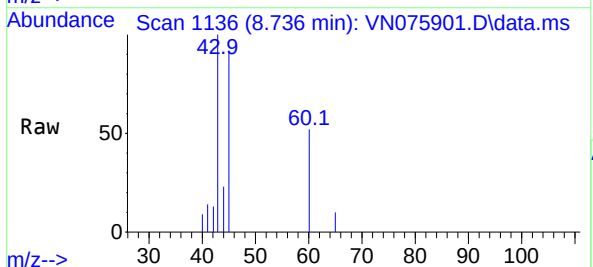
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ClientSampleId :
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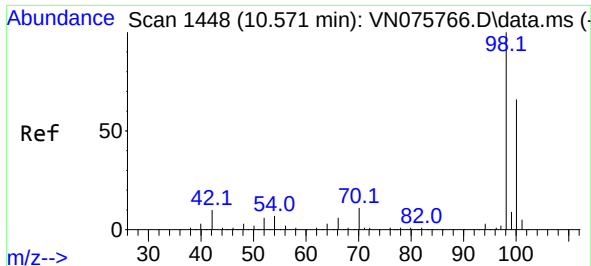
Tgt Ion:117 Resp: 38918
Ion Ratio Lower Upper
117 100
119 6.9 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.572 ug/l
RT: 8.736 min Scan# 1136
Delta R.T. 0.042 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion: 43 Resp: 3929
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

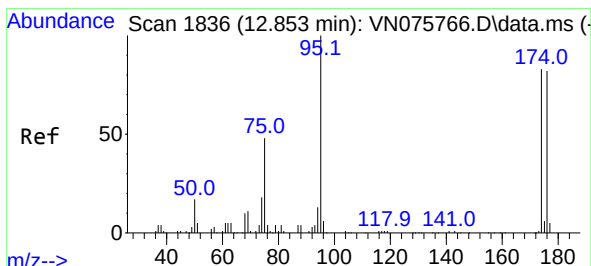
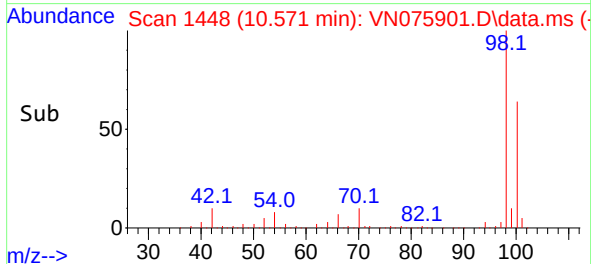
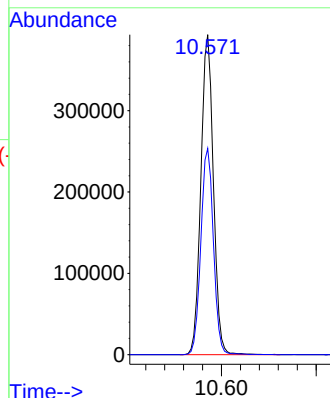
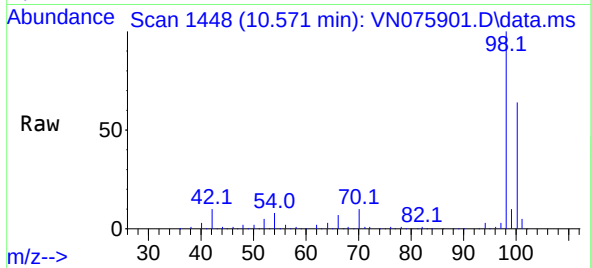




#50
Toluene-d8
Concen: 49.322 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

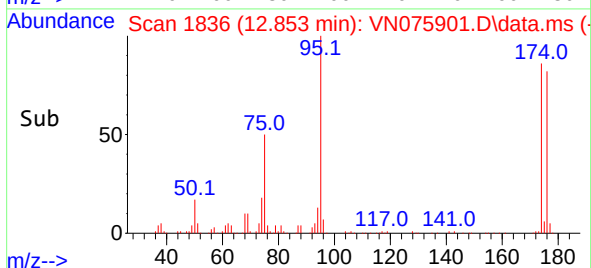
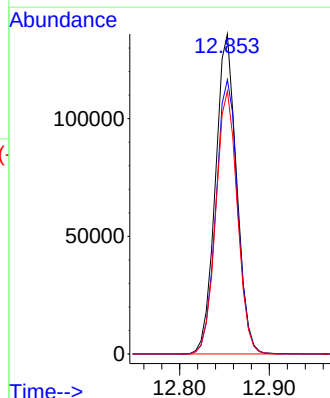
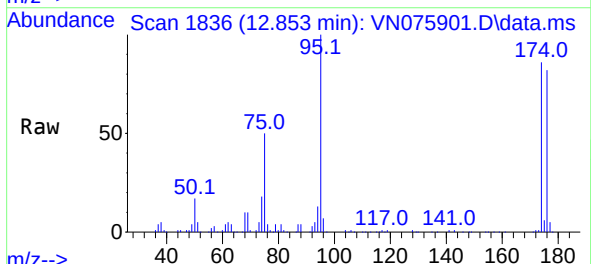
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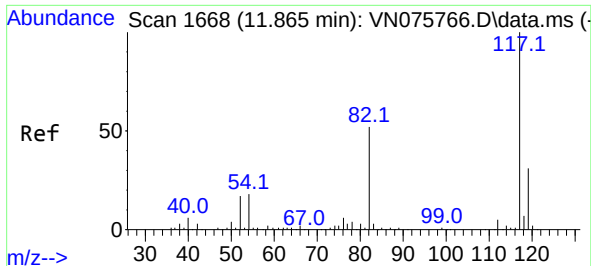
Tgt Ion: 98 Resp: 719878
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.094 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion: 95 Resp: 222826
Ion Ratio Lower Upper
95 100
174 87.8 0.0 171.6
176 83.3 0.0 169.2

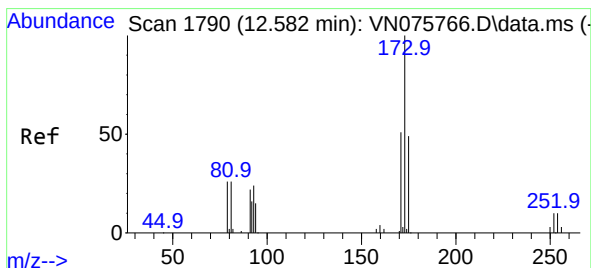
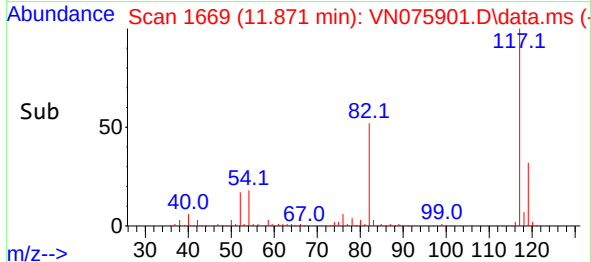
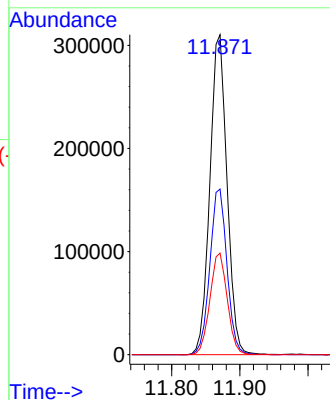
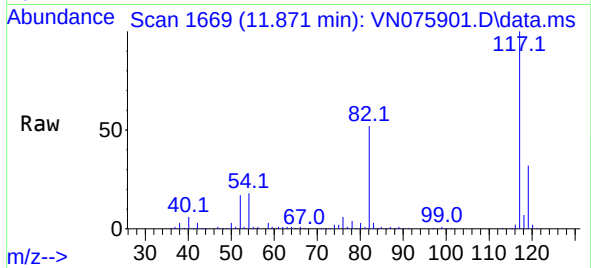




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

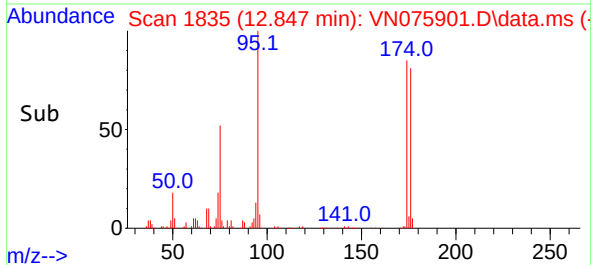
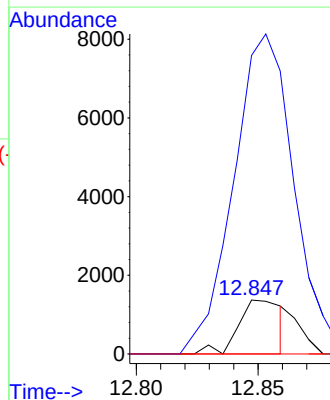
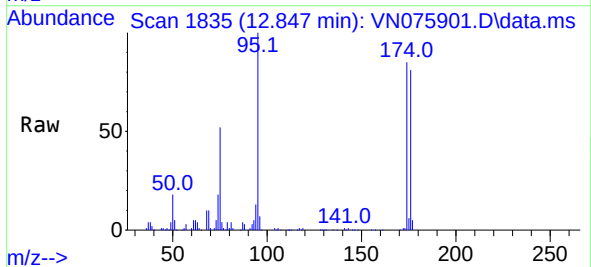
Instrument :
MSVOA_N
ClientSampleId :
IBLK

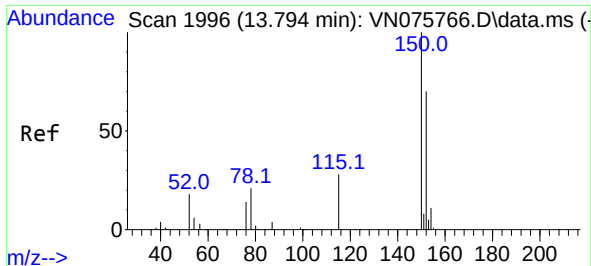
Tgt Ion:117 Resp: 542862
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 31.7 24.6 37.0



#71
Bromoform
Concen: 0.566 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion:173 Resp: 1700
Ion Ratio Lower Upper
173 100
175 667.0 24.3 72.8#
254 0.0 0.0 0.0

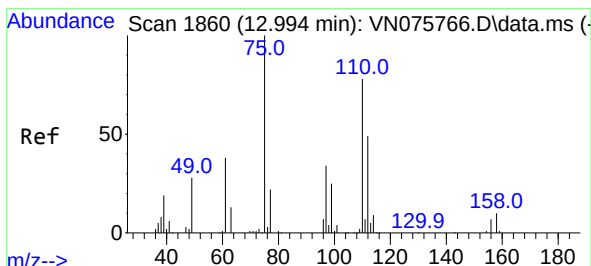
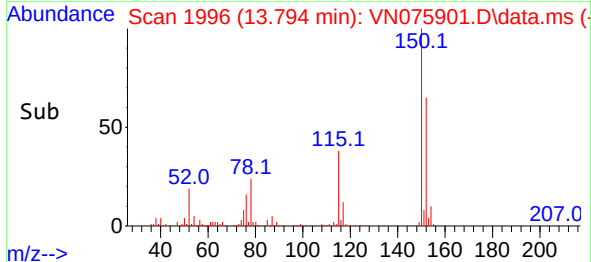
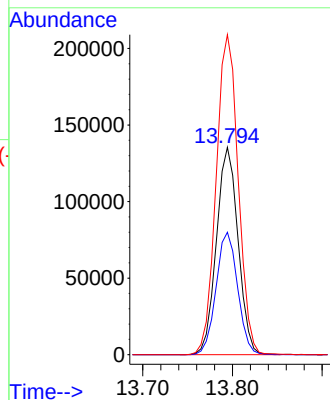
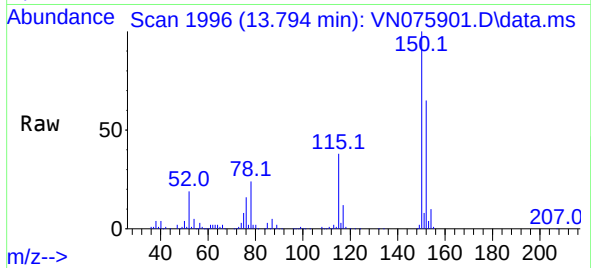




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

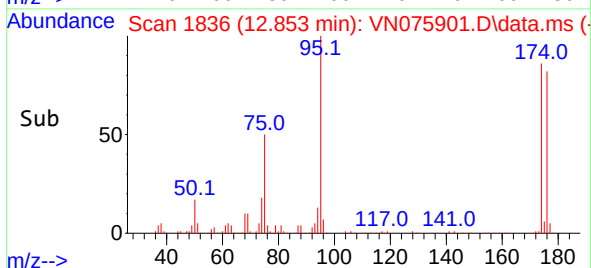
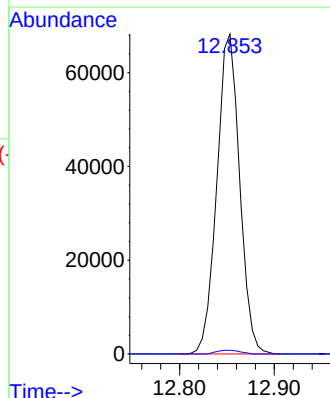
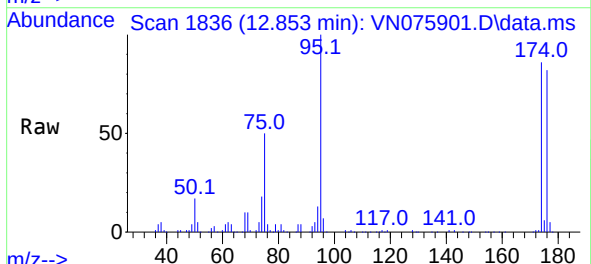
Instrument :
MSVOA_N
ClientSampleId :
IBLK

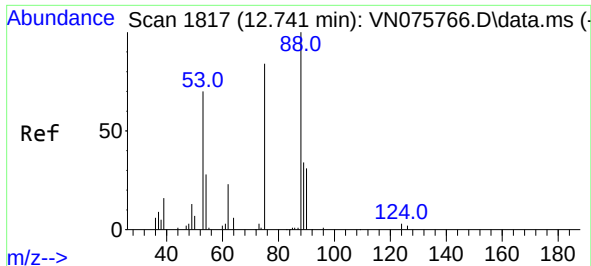
Tgt Ion:152 Resp: 226892
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 157.3 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.936 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion: 75 Resp: 114045
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

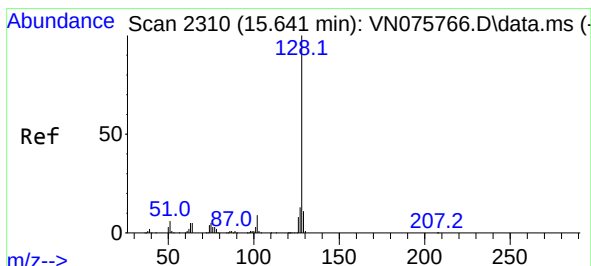
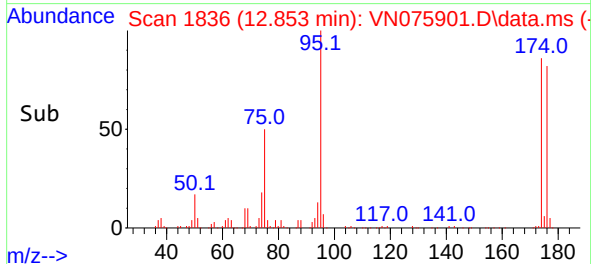
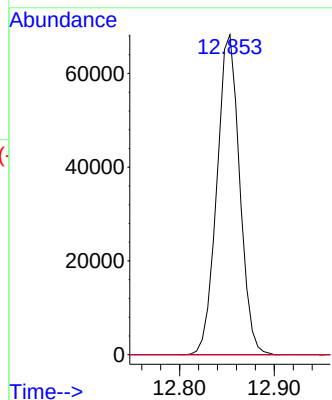
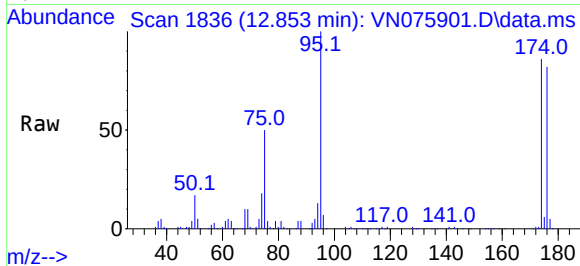




#81
trans-1,4-Dichloro-2-butene
Concen: 89.756 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 114045
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.224 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075901.D
Acq: 20 Dec 2022 16:11

Tgt Ion:128 Resp: 598
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

