

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075982.D
 Acq On : 27 Dec 2022 12:47
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 28 04:44:29 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)

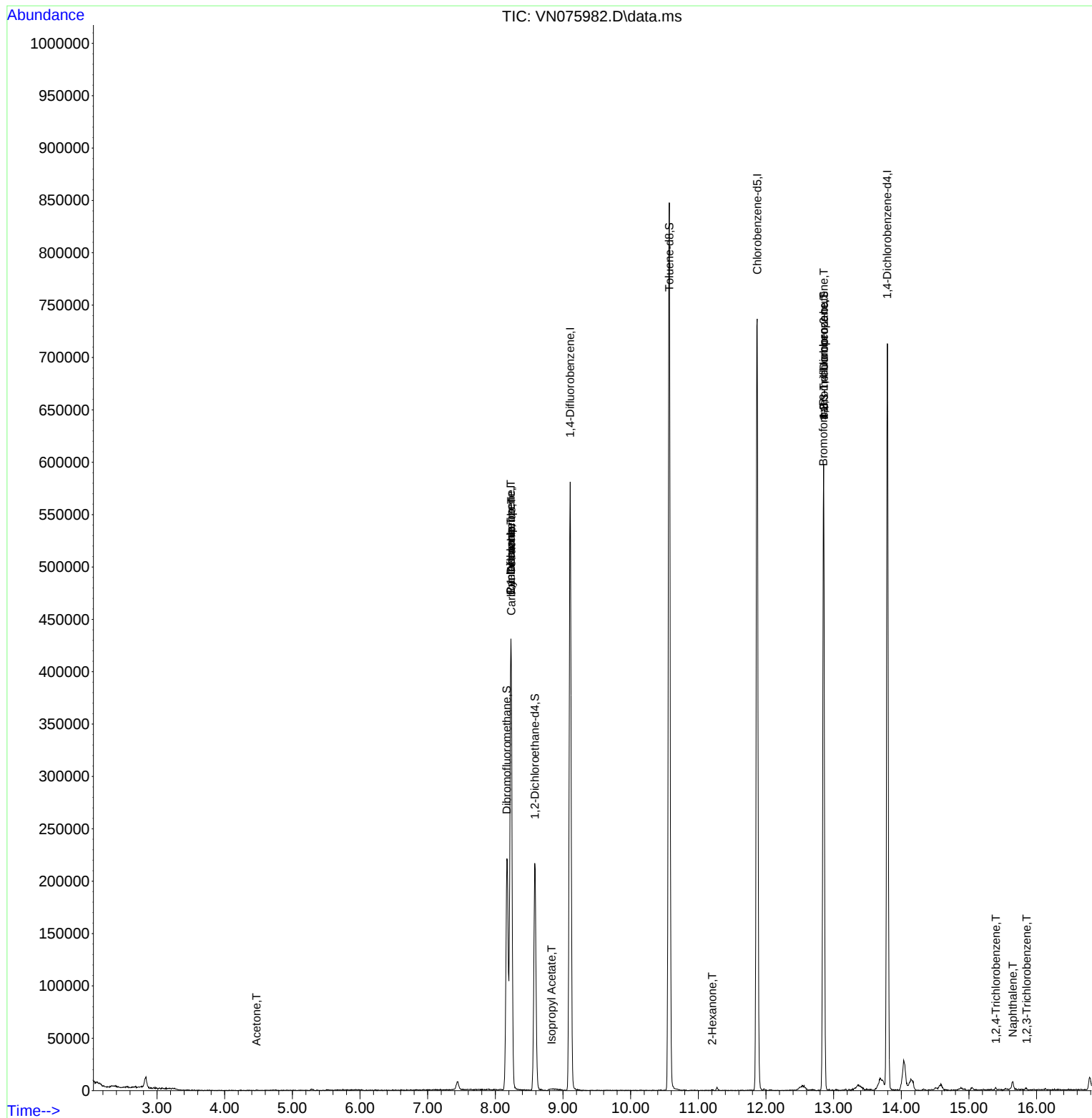
Internal Standards						
1) Pentafluorobenzene	8.230	168	340487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	466025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	174989	47.241	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.480%		
35) Dibromofluoromethane	8.171	113	160017	48.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.700%		
50) Toluene-d8	10.571	98	614748	49.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.853	95	197656	48.226	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.460%		
Target Compounds						
16) Acetone	4.471	43	397	0.311	ug/l #	39
20) Methylene Chloride	5.289	84	845	Below Cal	#	45
31) Cyclohexane	8.230	56	6134	1.156	ug/l #	8
36) 1,1-Dichloropropene	8.230	75	23800	5.413	ug/l #	50
38) Carbon Tetrachloride	8.236	117	32353	6.575	ug/l #	15
43) Isopropyl Acetate	8.830	43	1615	0.277	ug/l #	50
59) 2-Hexanone	11.206	43	547	0.213	ug/l	89
71) Bromoform	12.847	173	1613	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	99314	24.230	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	99314	87.216	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	854	0.255	ug/l #	84
95) Naphthalene	15.647	128	7563	2.831	ug/l	98
96) 1,2,3-Trichlorobenzene	15.853	180	825	0.264	ug/l #	22

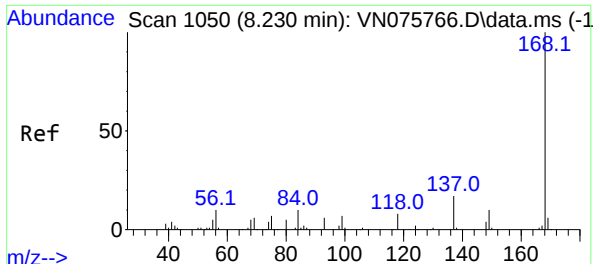
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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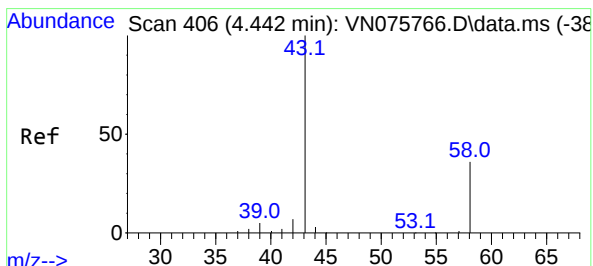
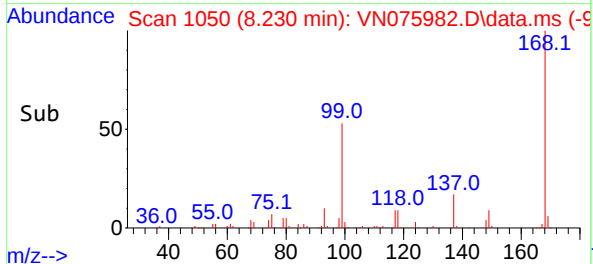
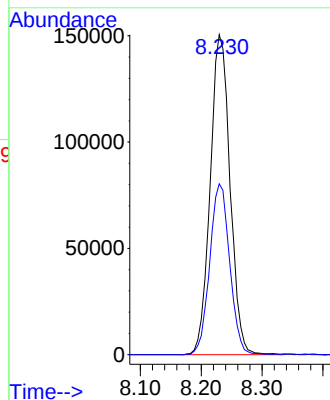
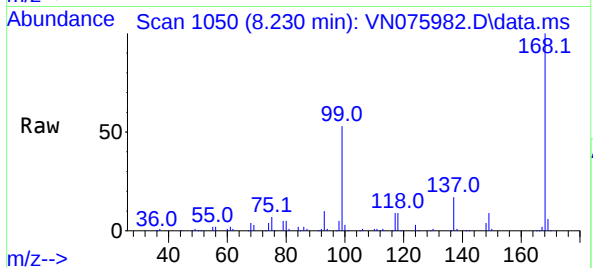




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

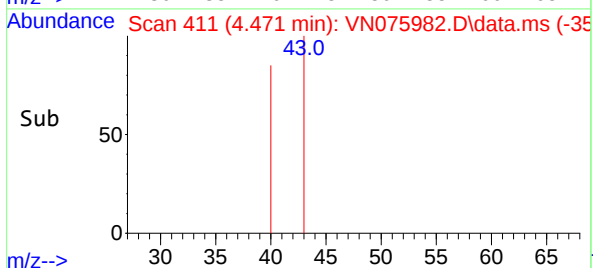
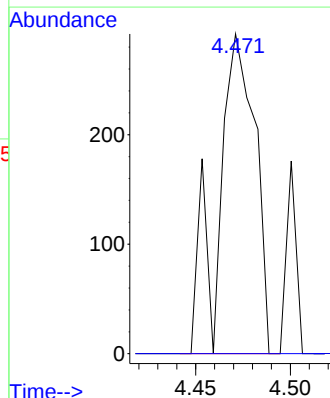
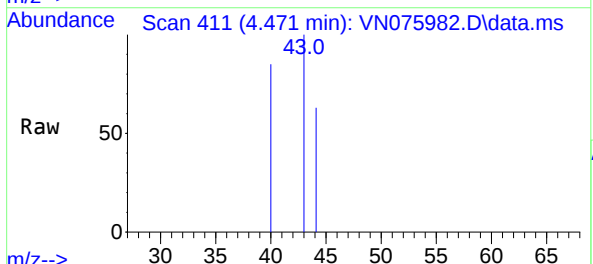
Instrument :
MSVOA_N
ClientSampleId :
IBLK

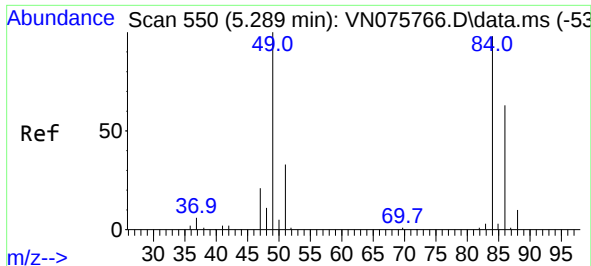
Tgt Ion:168 Resp: 340487
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#16
Acetone
Concen: 0.311 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



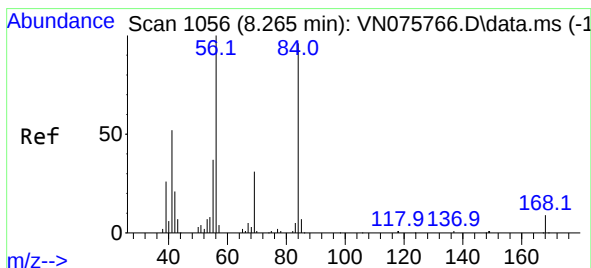
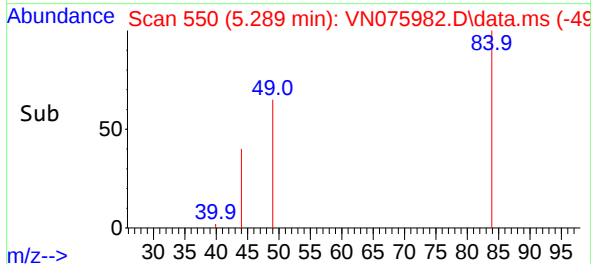
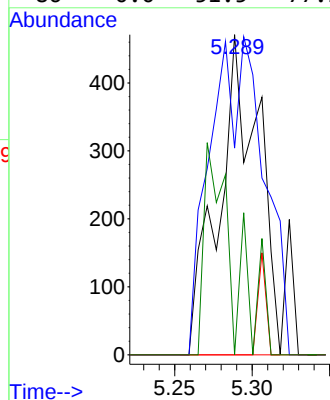
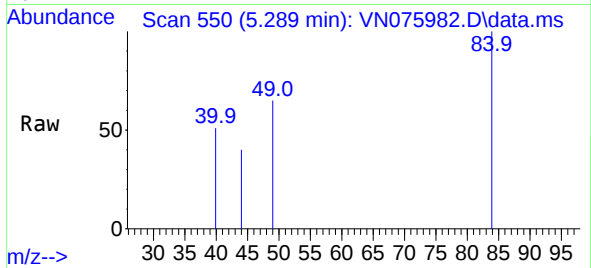


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 845

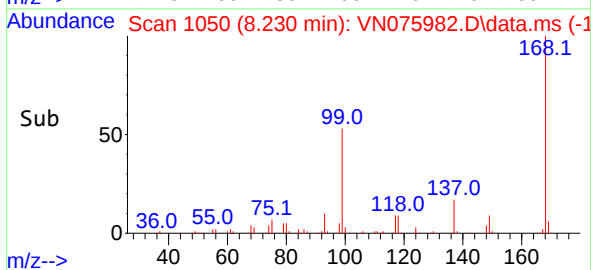
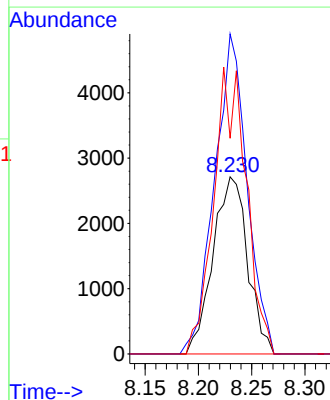
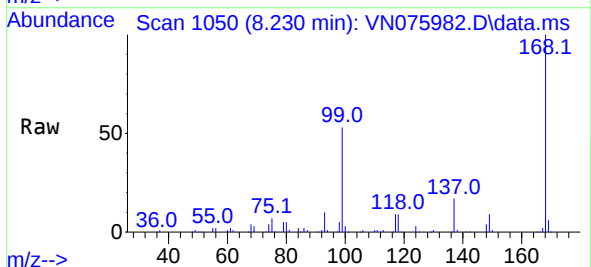
Ion	Ratio	Lower	Upper
84	100		
49	64.5	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#

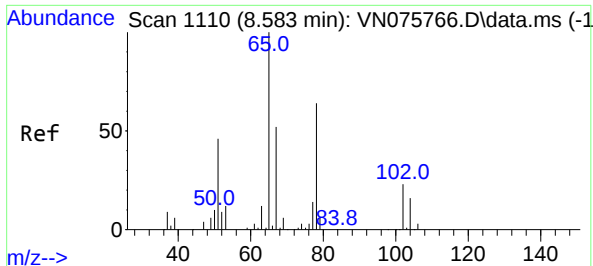


#31
Cyclohexane
Concen: 1.156 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

Tgt Ion: 56 Resp: 6134

Ion	Ratio	Lower	Upper
56	100		
69	180.6	24.7	37.1#
84	128.2	76.5	114.7#

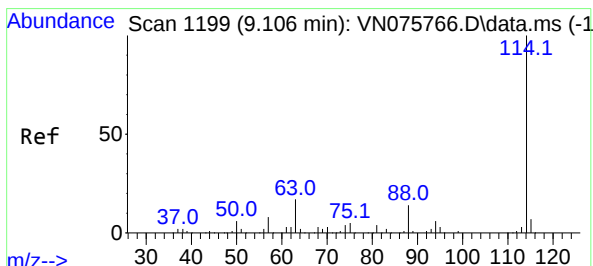
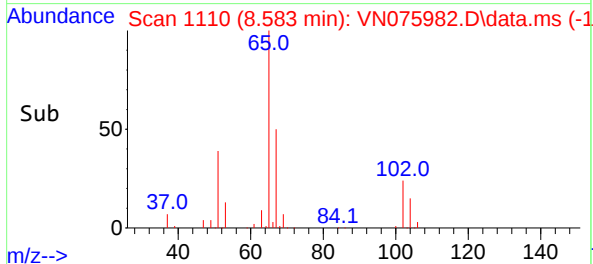
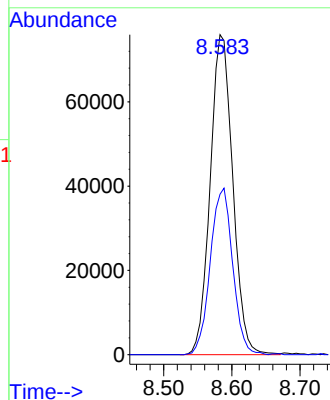
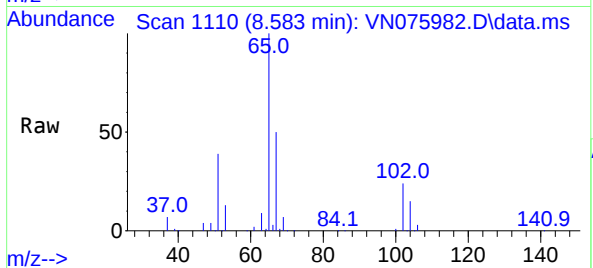




#33
1,2-Dichloroethane-d4
Concen: 47.241 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

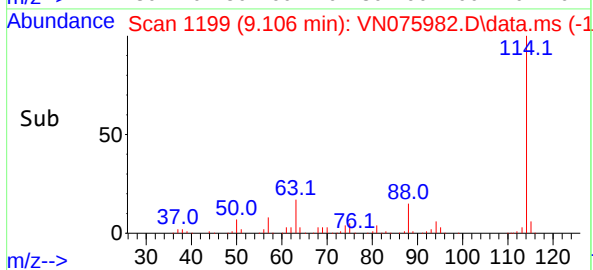
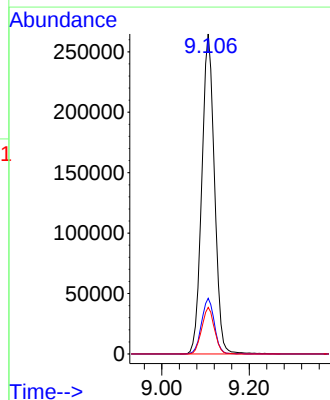
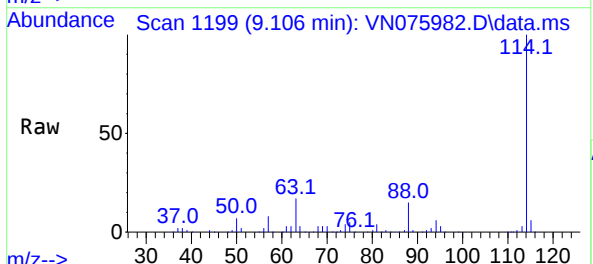
Instrument :
MSVOA_N
ClientSampleId :
IBLK

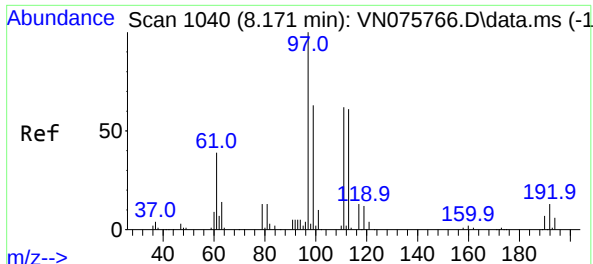
Tgt Ion: 65 Resp: 174989
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

Tgt Ion: 114 Resp: 534431
Ion Ratio Lower Upper
114 100
63 17.4 0.0 34.4
88 14.6 0.0 28.8

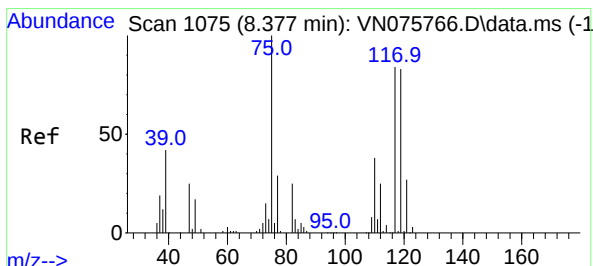
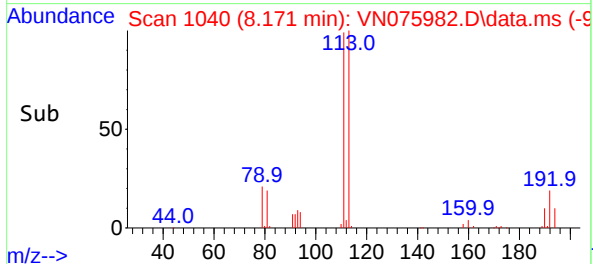
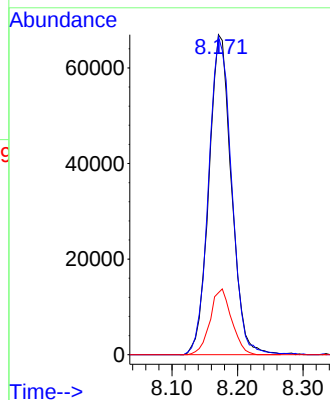
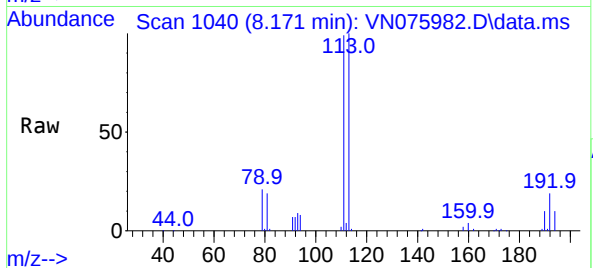




#35
Dibromofluoromethane
Concen: 48.349 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

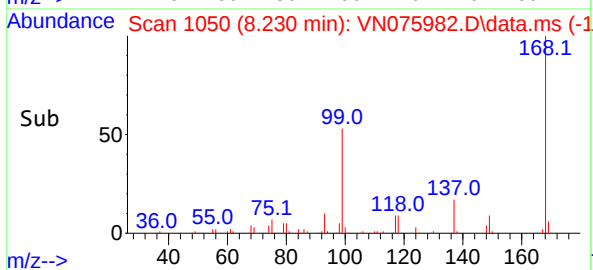
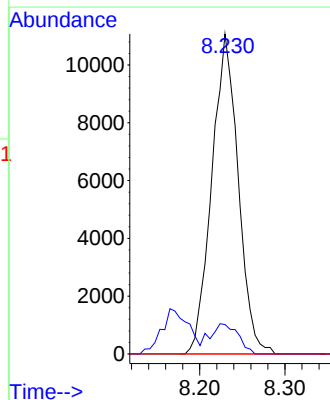
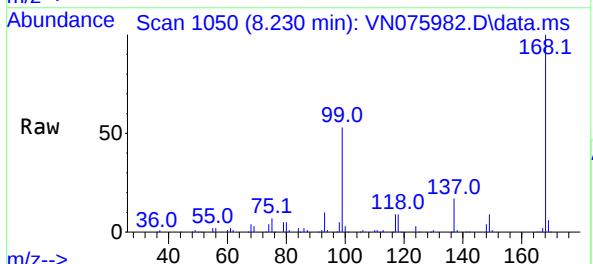
Instrument :
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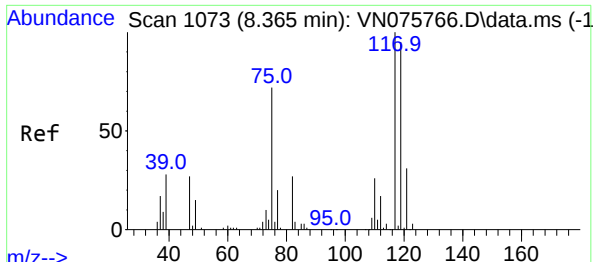
Tgt Ion:113 Resp: 160017
Ion Ratio Lower Upper
113 100
111 101.5 83.4 125.2
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.413 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

Tgt Ion: 75 Resp: 23800
Ion Ratio Lower Upper
75 100
110 10.1 18.8 56.4#
77 0.0 24.1 36.1#

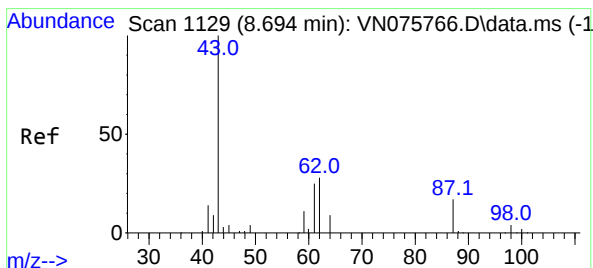
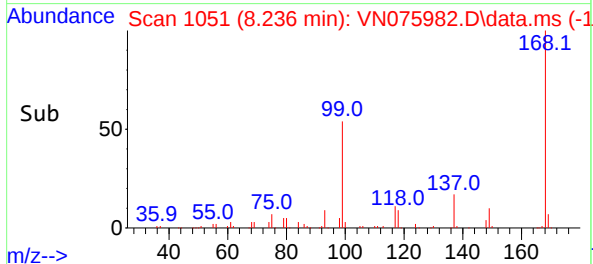
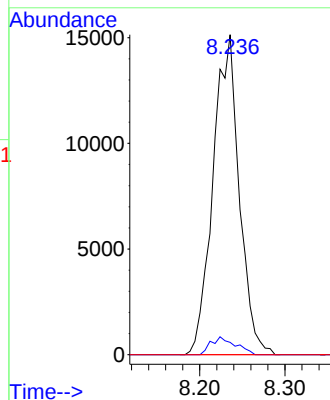
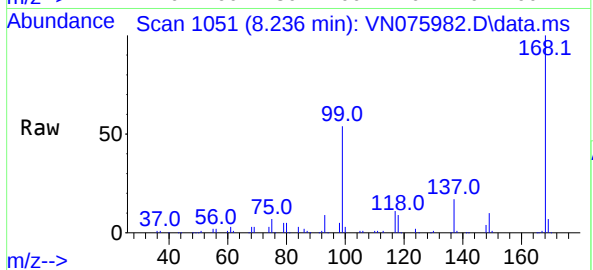




#38
Carbon Tetrachloride
Concen: 6.575 ug/l
RT: 8.236 min Scan# 1105
Delta R.T. -0.129 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

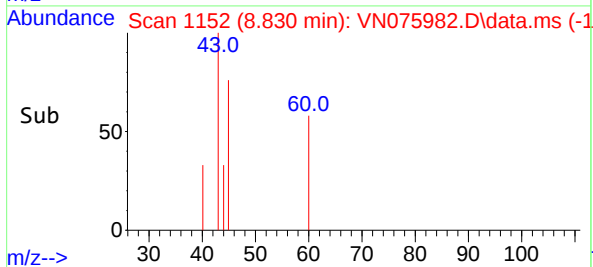
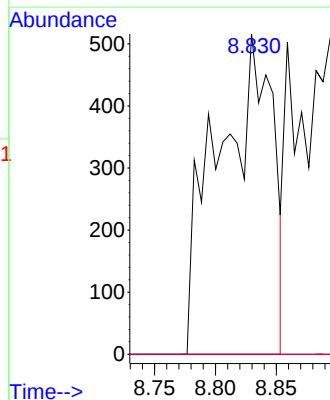
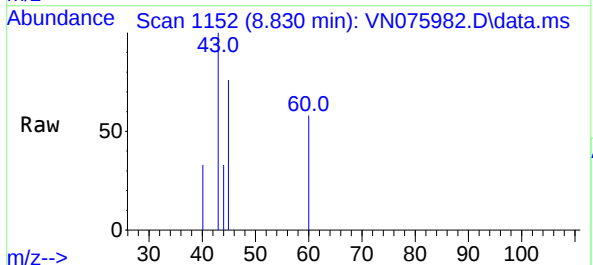
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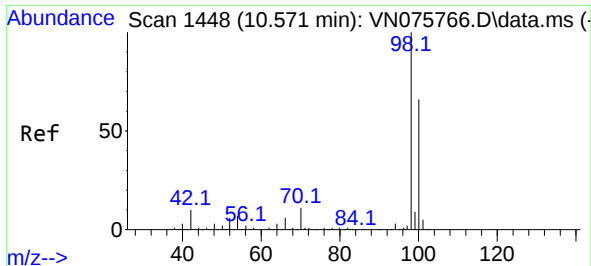
Tgt Ion:117 Resp: 32353
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.277 ug/l
RT: 8.830 min Scan# 1152
Delta R.T. 0.135 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

Tgt Ion: 43 Resp: 1615
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

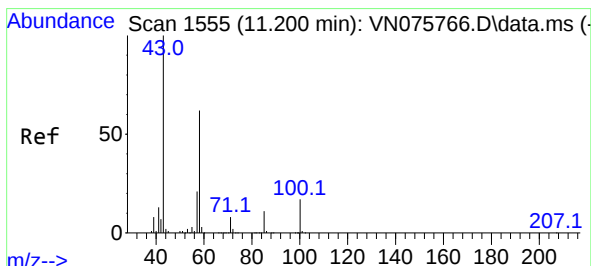
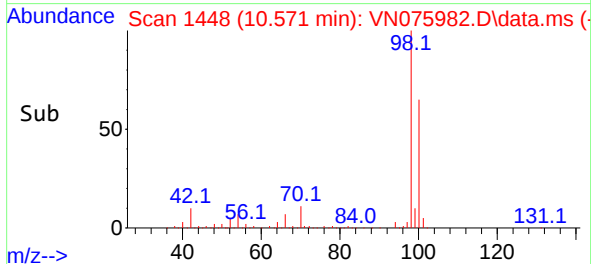
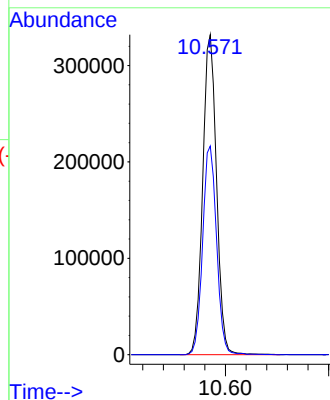
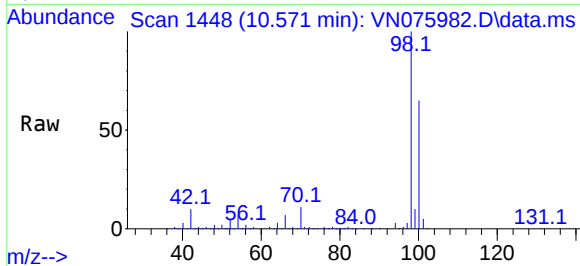




#50
Toluene-d8
Concen: 49.679 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

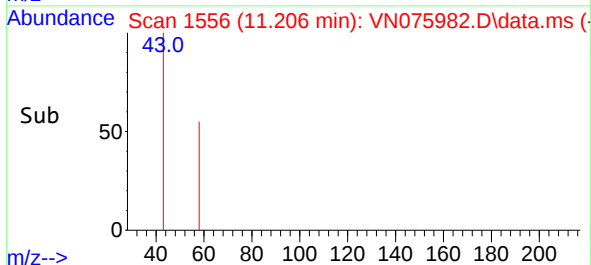
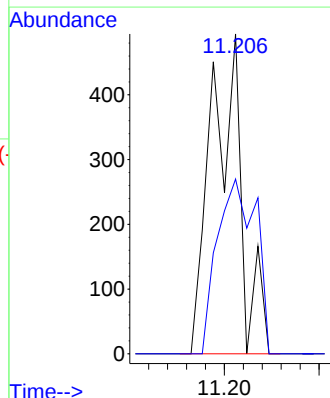
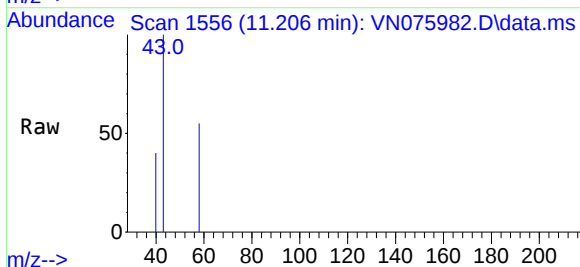
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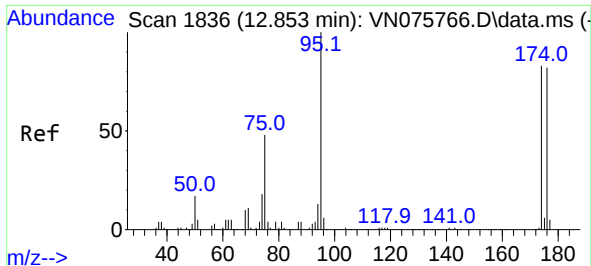
Tgt Ion: 98 Resp: 614748
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#59
2-Hexanone
Concen: 0.213 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
58 69.8 30.6 92.0

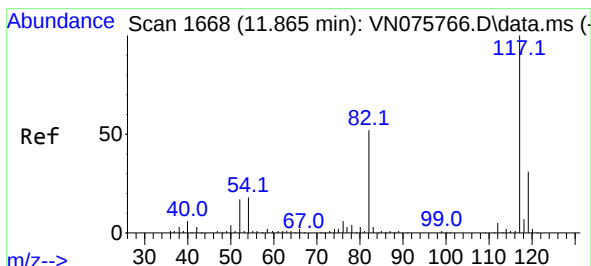
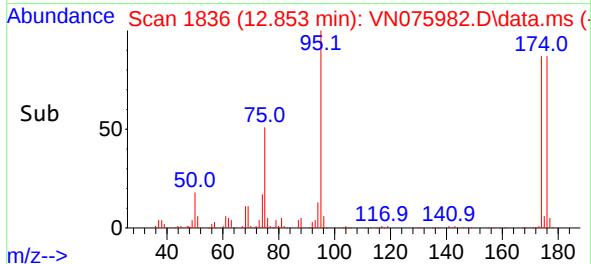
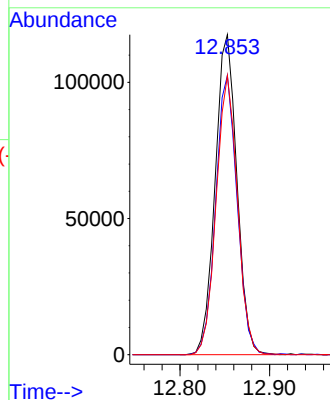
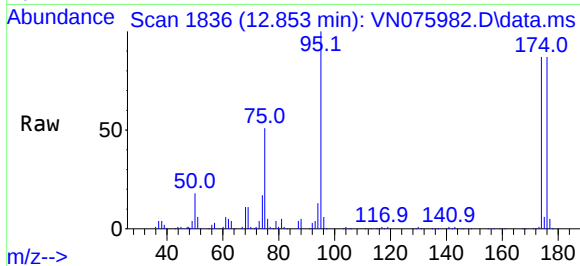




#62
4-Bromofluorobenzene
Concen: 48.226 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

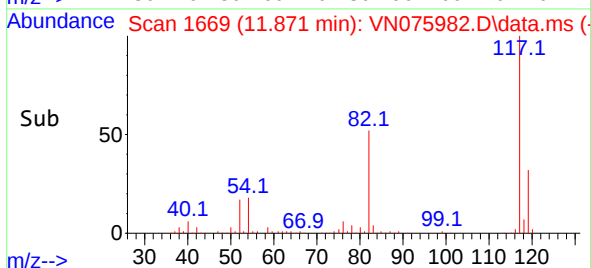
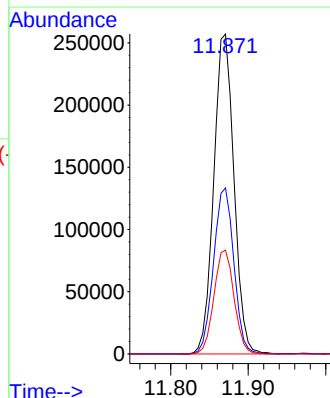
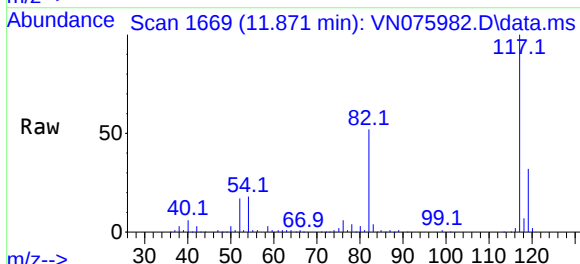
Instrument :
MSVOA_N
ClientSampleId :
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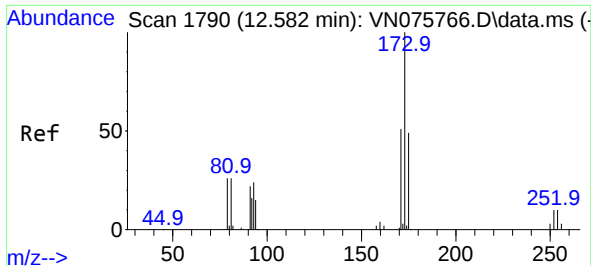
Tgt Ion: 95 Resp: 197656
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.6
176 85.2 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

Tgt Ion: 117 Resp: 466025
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.5 24.6 37.0

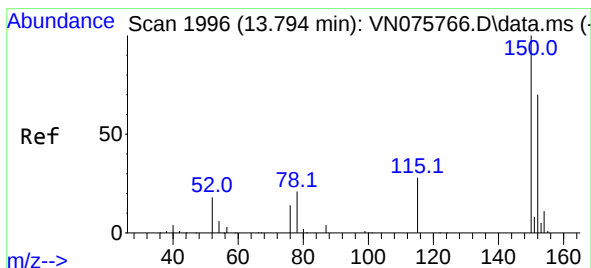
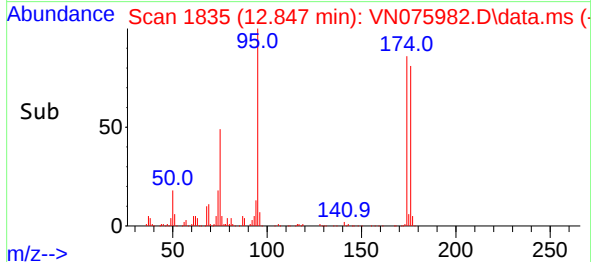
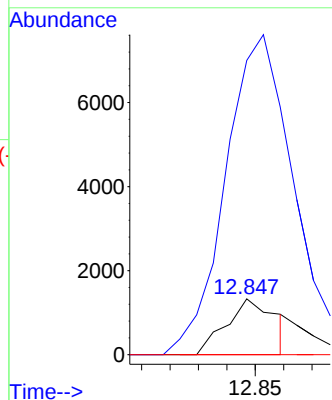
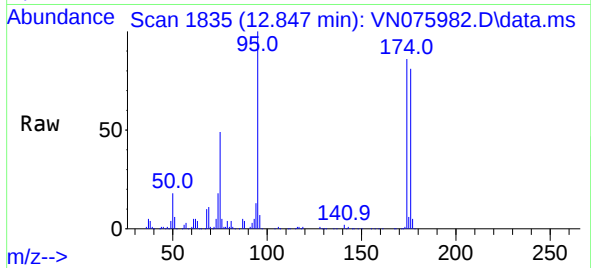




#71
Bromoform
Concen: 0.626 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

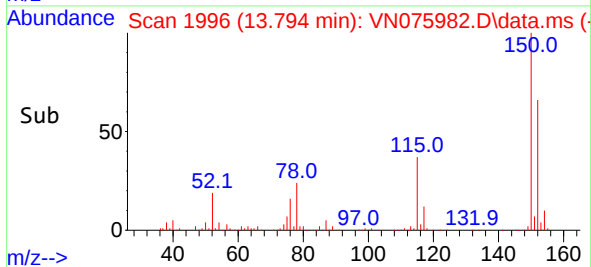
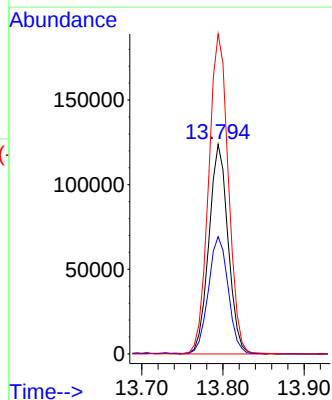
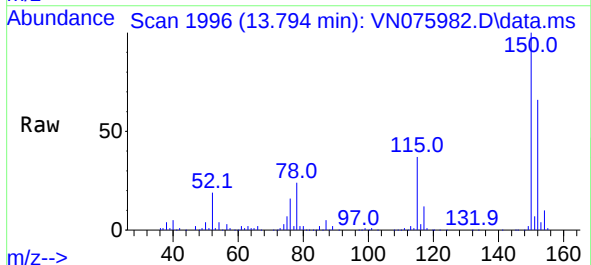
Instrument :
MSVOA_N
ClientSampleId :
IBLK

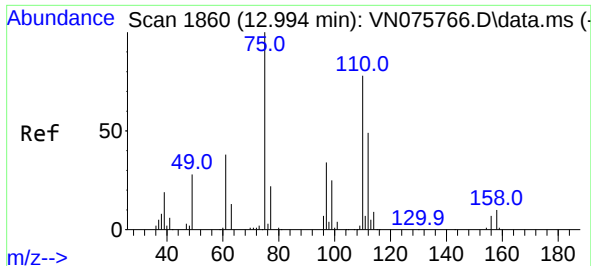
Tgt Ion:173 Resp: 1613
Ion Ratio Lower Upper
173 100
175 637.9 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

Tgt Ion:152 Resp: 203339
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 156.8 0.0 347.0

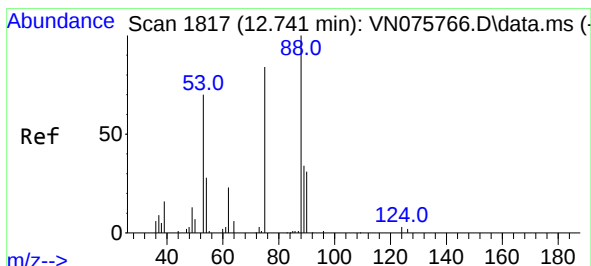
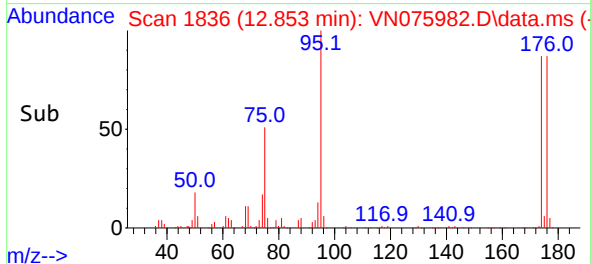
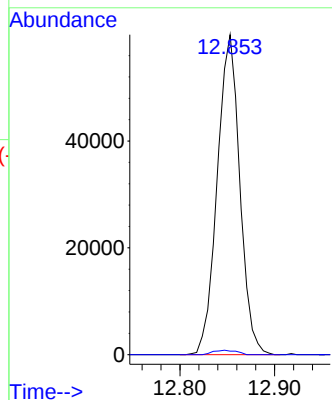
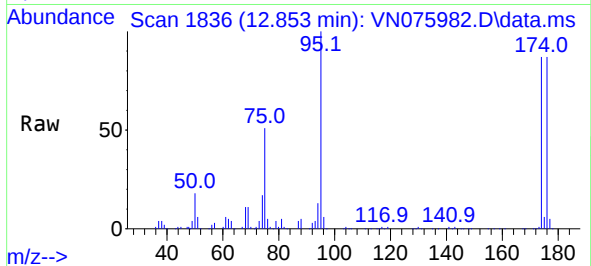




#76
1,2,3-Trichloropropane
Concen: 24.230 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

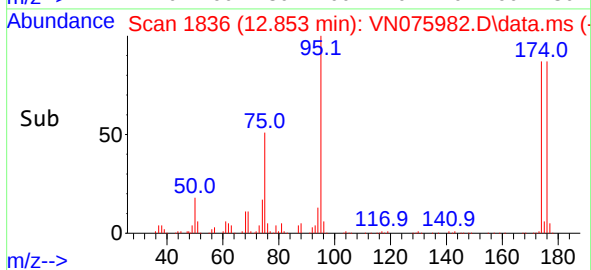
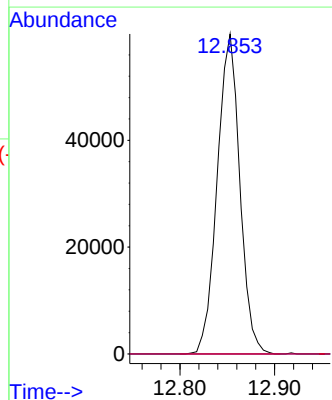
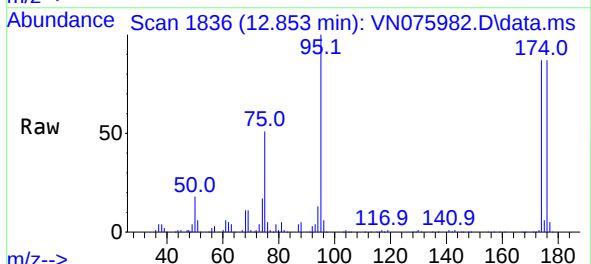
Instrument :
MSVOA_N
ClientSampleId :
IBLK

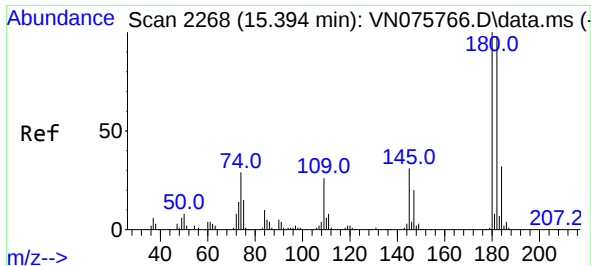
Tgt Ion: 75 Resp: 99314
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.216 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

Tgt Ion: 75 Resp: 99314
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#

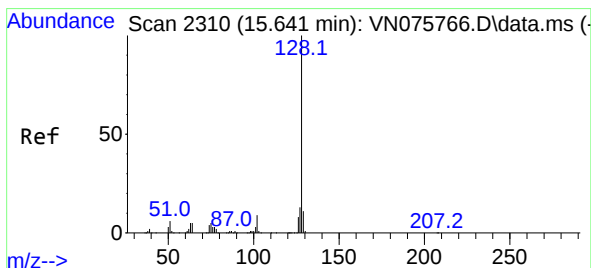
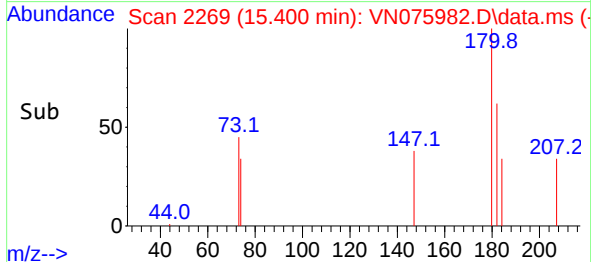
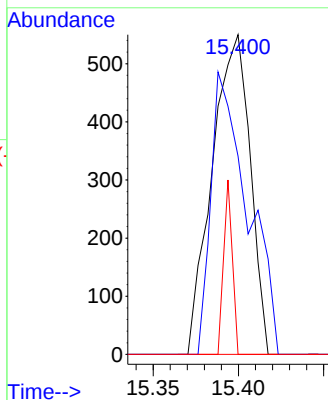
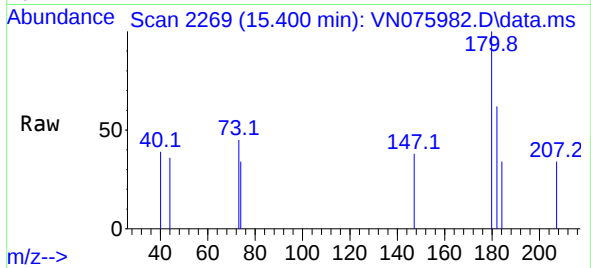




#93
1,2,4-Trichlorobenzene
Concen: 0.255 ug/l
RT: 15.400 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

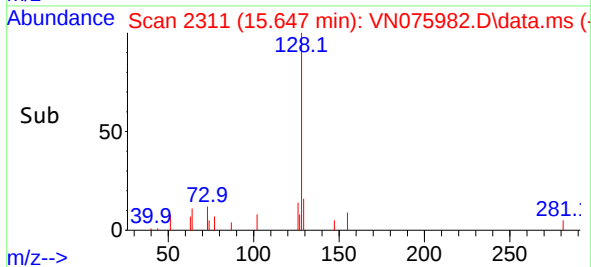
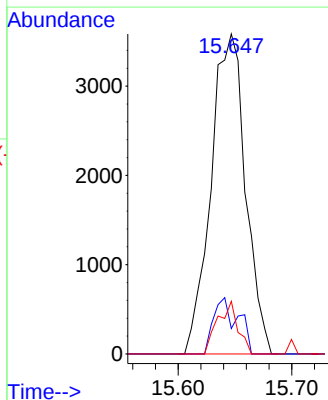
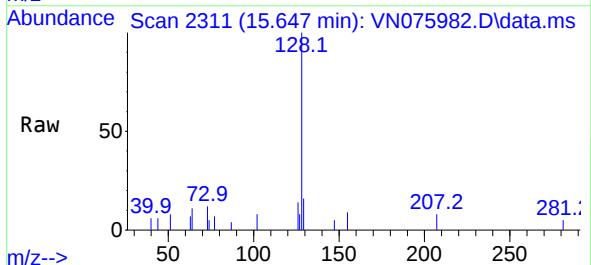
Instrument :
MSVOA_N
ClientSampleId :
IBLK

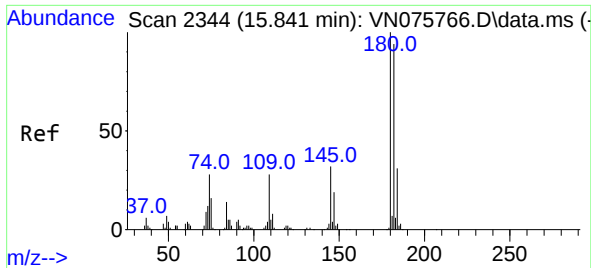
Tgt Ion:180 Resp: 854
Ion Ratio Lower Upper
180 100
182 85.2 47.5 142.5
145 12.4 15.3 45.8#



#95
Naphthalene
Concen: 2.831 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075982.D
Acq: 27 Dec 2022 12:47

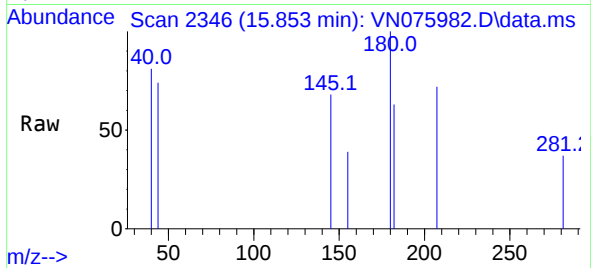
Tgt Ion:128 Resp: 7563
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 9.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.264 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN075982.D
 Acq: 27 Dec 2022 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	825
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.0	141.0#
145	19.8	16.0	47.9

