

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078085.D
 Acq On : 06 Jun 2023 23:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 07 05:05:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

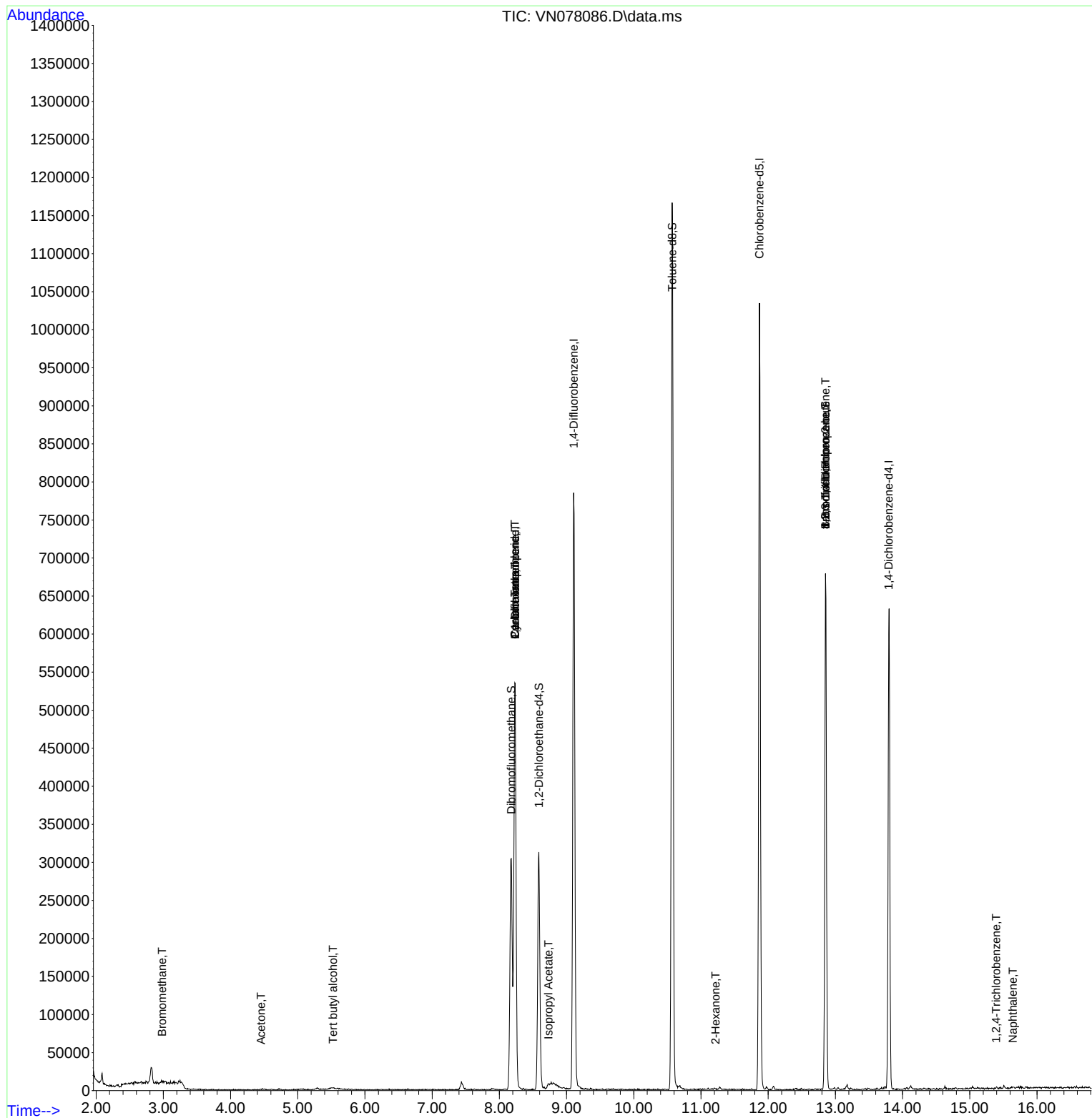
Internal Standards						
1) Pentafluorobenzene	8.235	168	396209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	720115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	609976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	254474	48.171	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.340%		
35) Dibromofluoromethane	8.177	113	224237	49.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
50) Toluene-d8	10.571	98	857472	48.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.700%		
62) 4-Bromofluorobenzene	12.853	95	238623	43.729	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.460%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1361	Below Cal		99
5) Bromomethane	2.983	94	2177	0.491 ug/l #		70
11) Tert butyl alcohol	5.524	59	296	0.406 ug/l #		72
16) Acetone	4.453	43	843	0.554 ug/l #		40
31) Cyclohexane	8.235	56	9880	1.458 ug/l #		48
36) 1,1-Dichloropropene	8.235	75	31692	4.853 ug/l #		48
38) Carbon Tetrachloride	8.229	117	43269	6.274 ug/l #		16
43) Isopropyl Acetate	8.729	43	5329	0.546 ug/l #		49
59) 2-Hexanone	11.218	43	1062	0.297 ug/l #		32
71) Bromoform	12.853	173	2014	0.650 ug/l #		1
75) 1,1,2,2-Tetrachloroethane	12.947	83	160	Below Cal #		69
76) 1,2,3-Trichloropropane	12.853	75	124546	29.937 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	124546	91.977 ug/l #		15
93) 1,2,4-Trichlorobenzene	15.394	180	1010	0.444 ug/l #		59
94) Hexachlorobutadiene	15.506	225	382	Below Cal		82
95) Naphthalene	15.641	128	1867	0.244 ug/l #		78

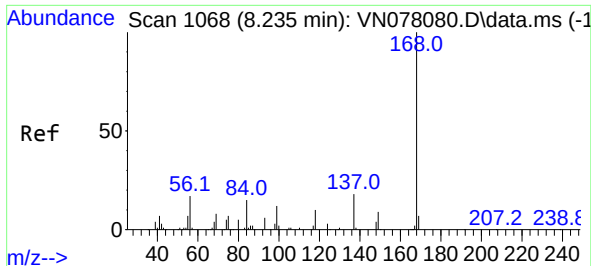
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 07 05:05:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

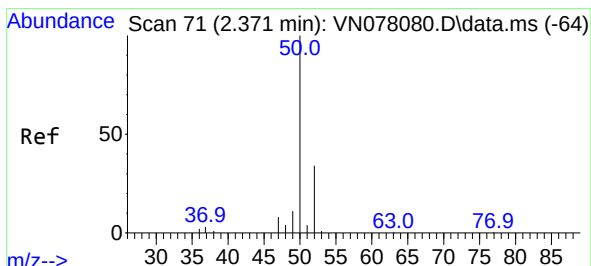
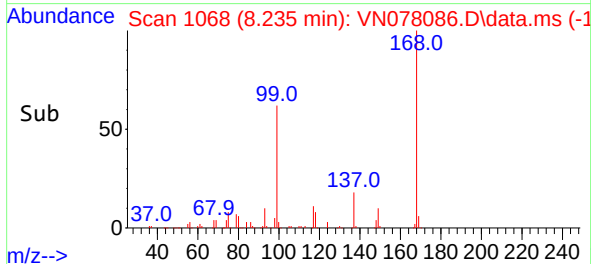
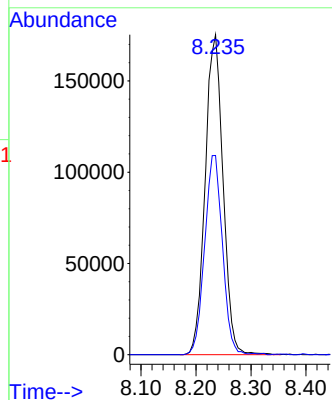
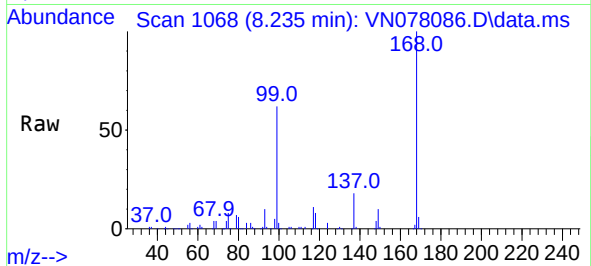




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

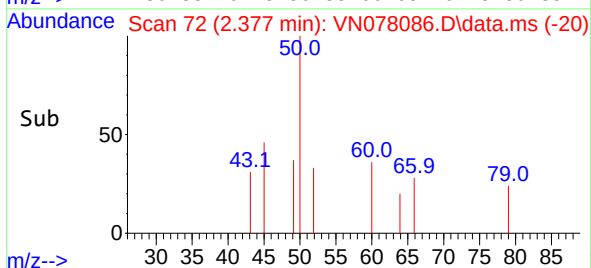
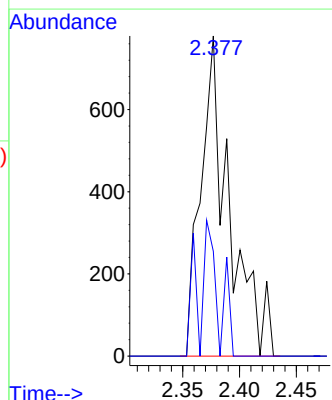
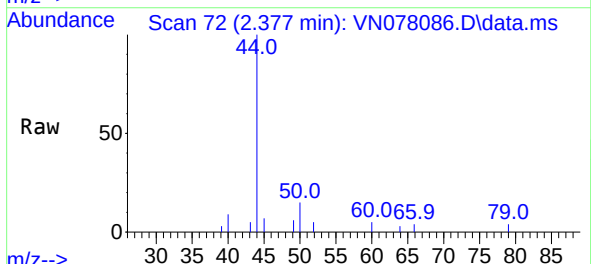
Instrument :
MSVOA_N
ClientSampleId :
IBLK

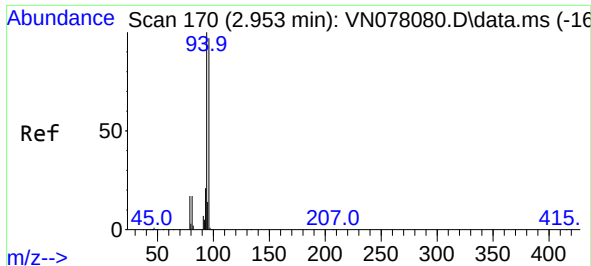
Tgt Ion:168 Resp: 396209
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion: 50 Resp: 1361
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

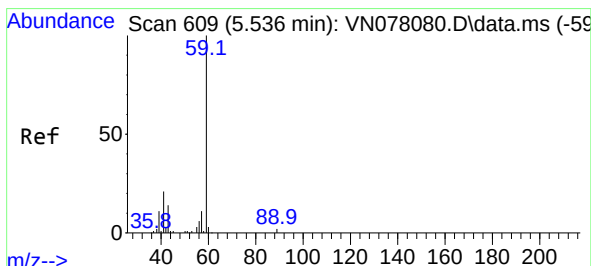
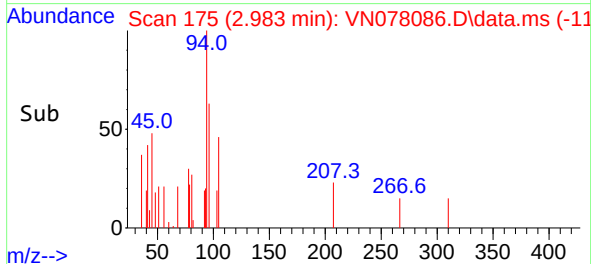
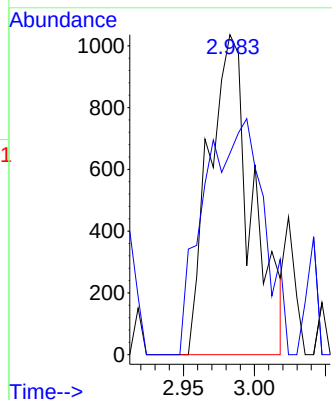
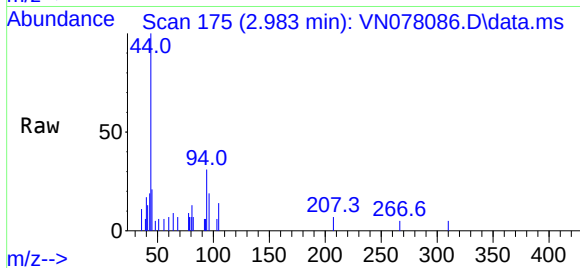




#5
Bromomethane
Concen: 0.491 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

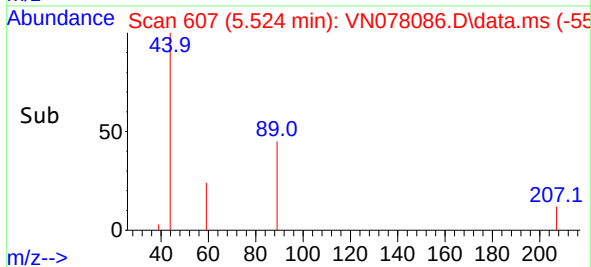
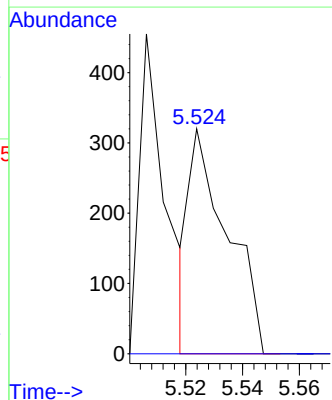
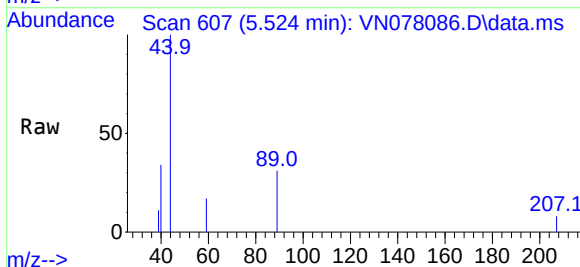
Instrument :
MSVOA_N
ClientSampleId :
IBLK

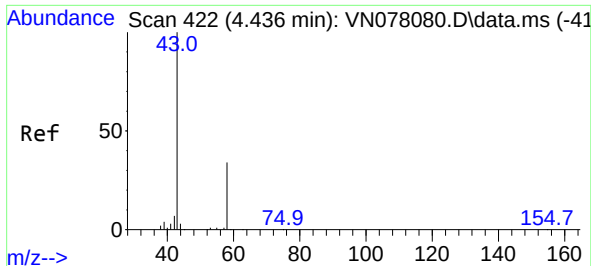
Tgt Ion: 94 Resp: 2177
Ion Ratio Lower Upper
94 100
96 62.9 73.1 109.7#



#11
Tert butyl alcohol
Concen: 0.406 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion: 59 Resp: 296
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

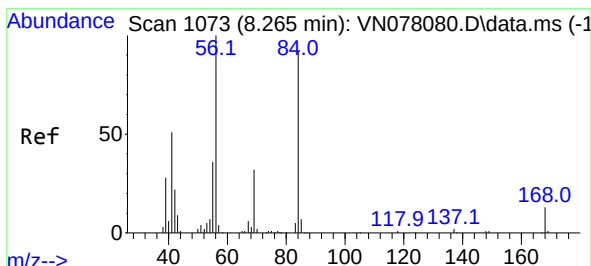
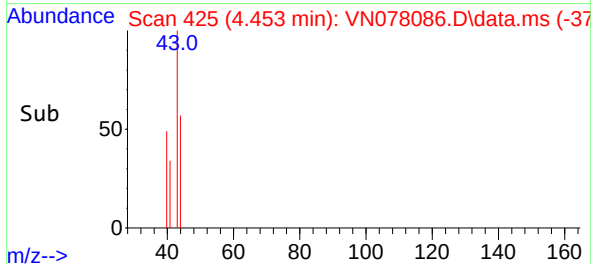
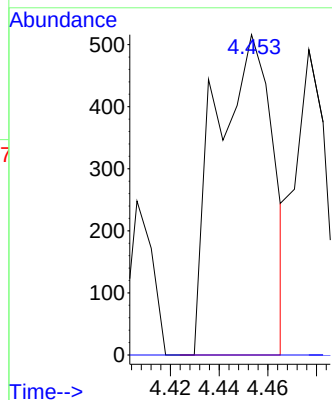
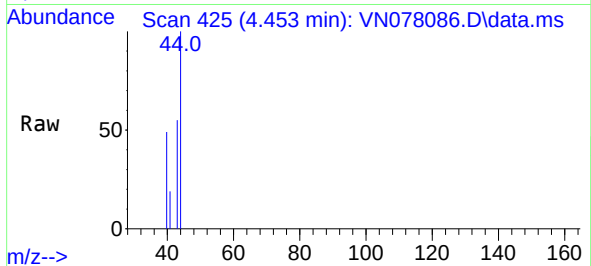




#16
Acetone
Concen: 0.554 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

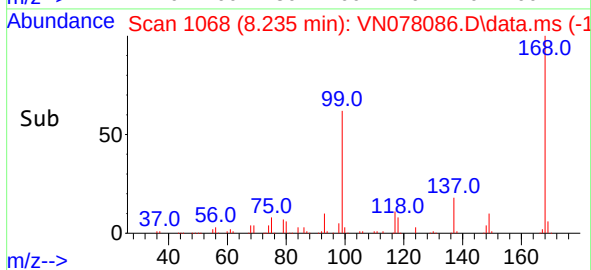
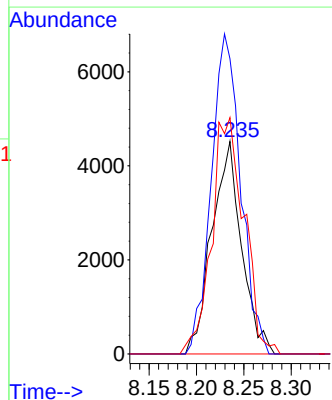
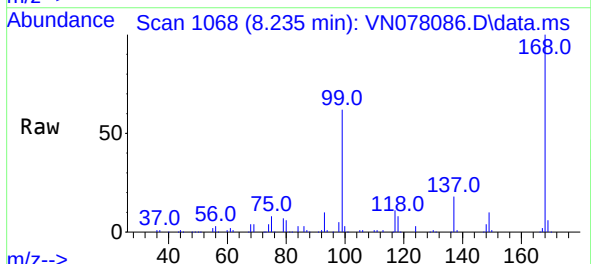
Instrument :
MSVOA_N
ClientSampleId :
IBLK

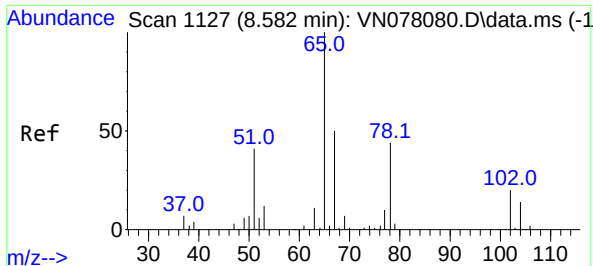
Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#31
Cyclohexane
Concen: 1.458 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion: 56 Resp: 9880
Ion Ratio Lower Upper
56 100
69 138.9 26.8 40.2#
84 111.2 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 48.171 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078086.D

Acq: 06 Jun 2023 23:46

Instrument :

MSVOA_N

ClientSampleId :

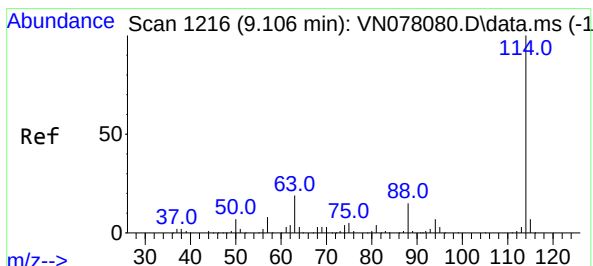
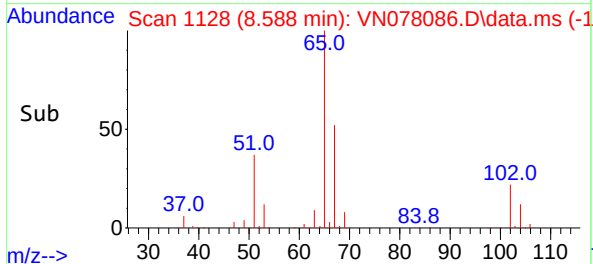
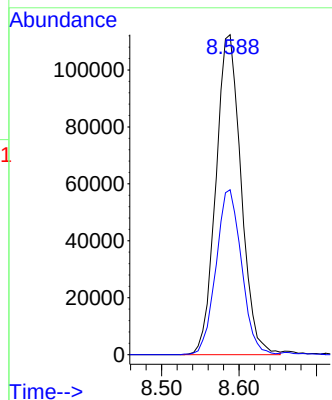
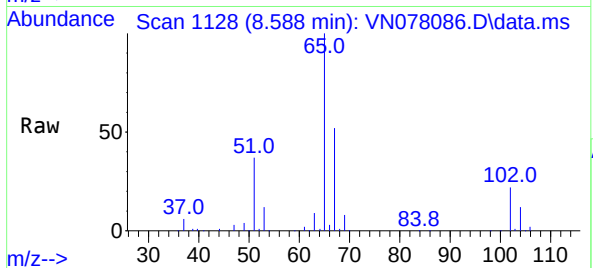
IBLK

Tgt Ion: 65 Resp: 254474

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078086.D

Acq: 06 Jun 2023 23:46

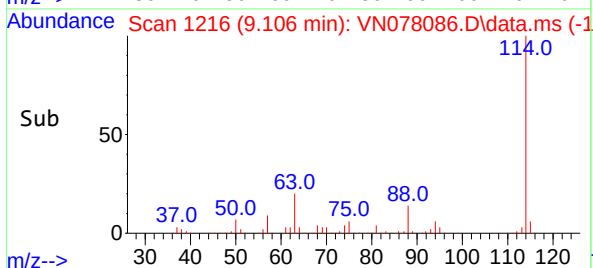
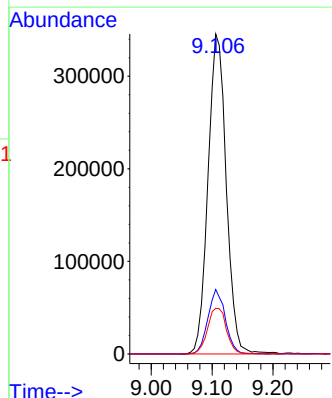
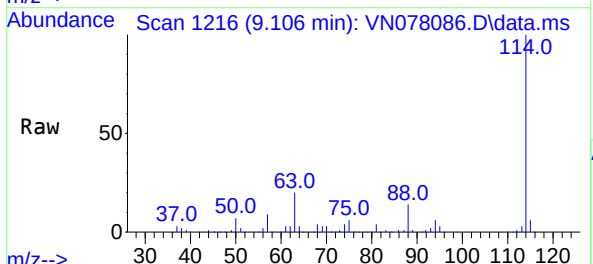
Tgt Ion: 114 Resp: 720115

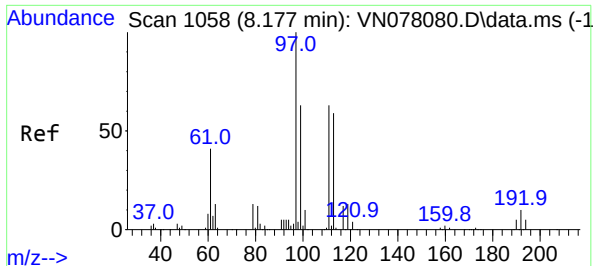
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 14.2 0.0 30.6

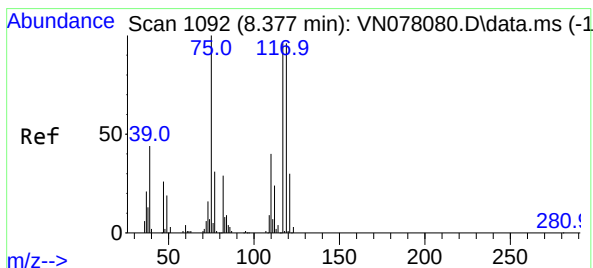
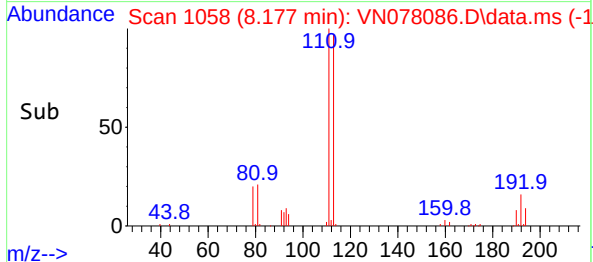
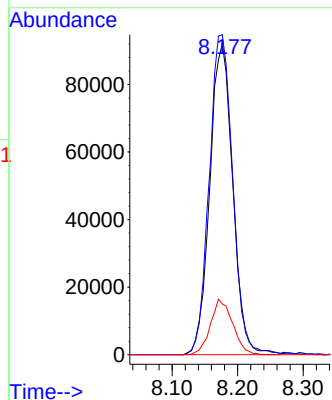
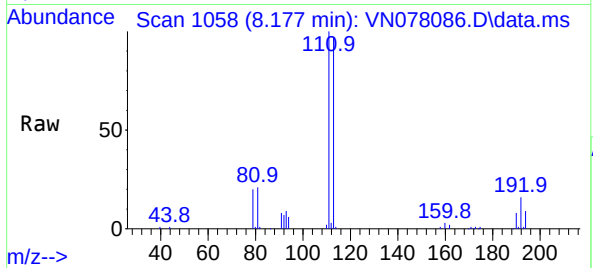




#35
Dibromofluoromethane
Concen: 49.248 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

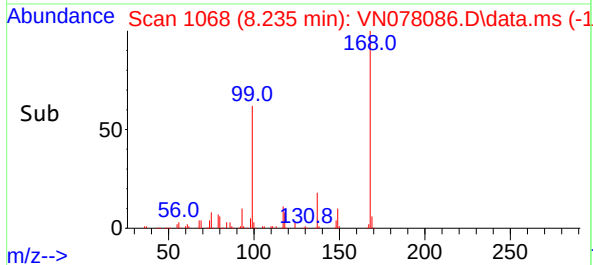
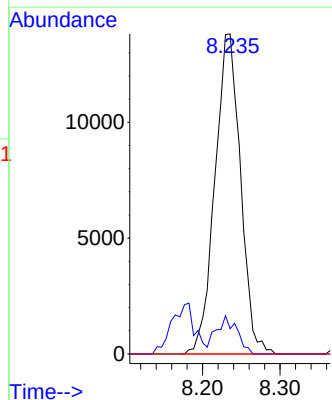
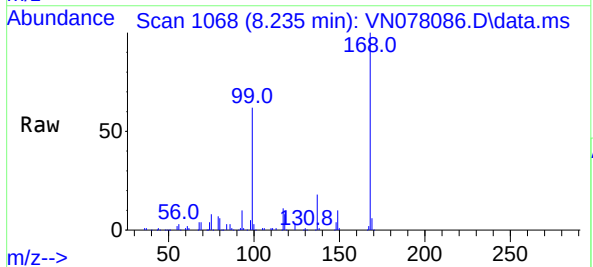
Instrument :
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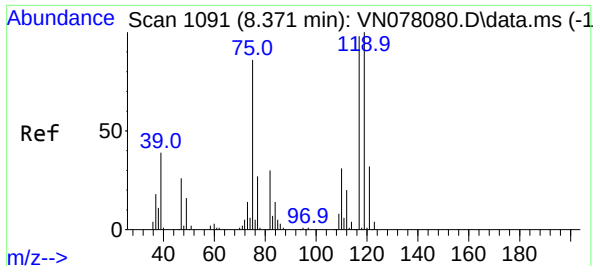
Tgt Ion:113 Resp: 224237
Ion Ratio Lower Upper
113 100
111 105.2 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

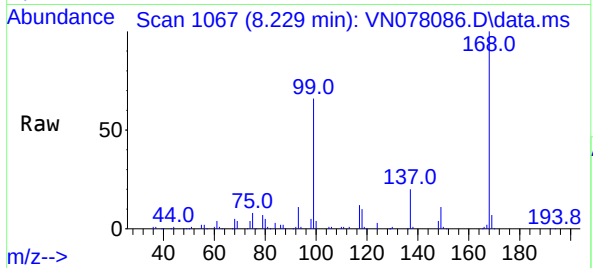
Tgt Ion: 75 Resp: 31692
Ion Ratio Lower Upper
75 100
110 9.5 19.1 57.3#
77 0.0 25.0 37.4#



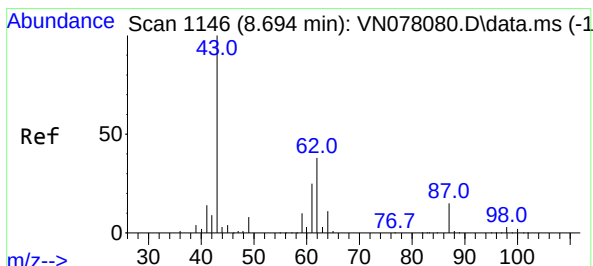
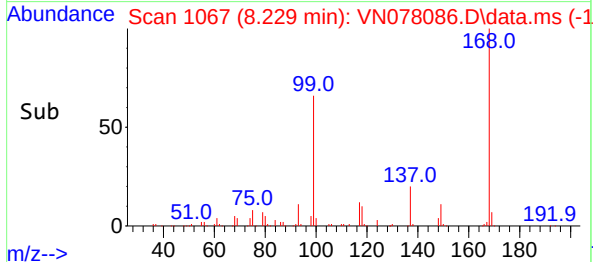
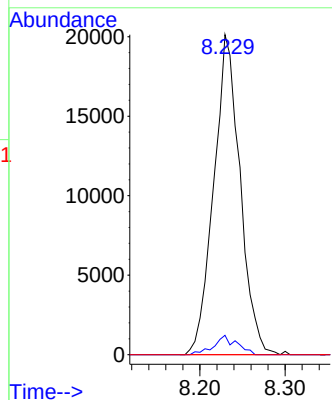


#38
Carbon Tetrachloride
Concen: 6.274 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

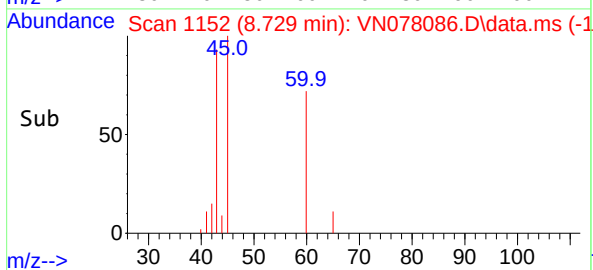
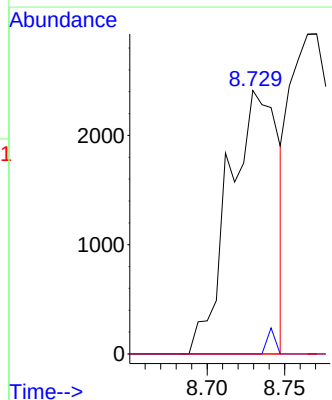
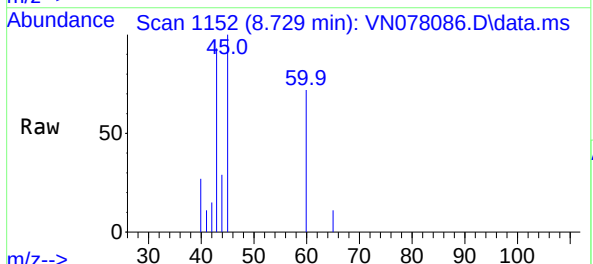


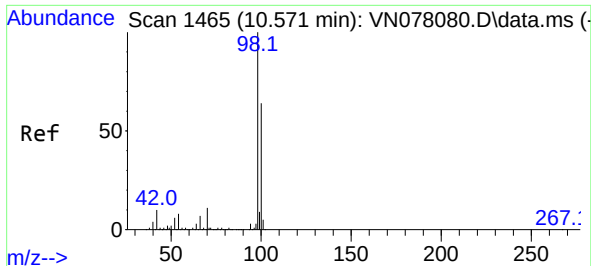
Tgt Ion:117 Resp: 43269
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.546 ug/l
RT: 8.729 min Scan# 1152
Delta R.T. 0.035 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion: 43 Resp: 5329
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

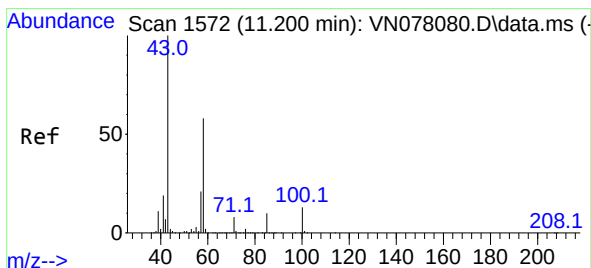
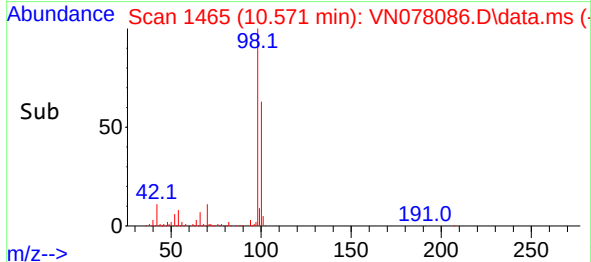
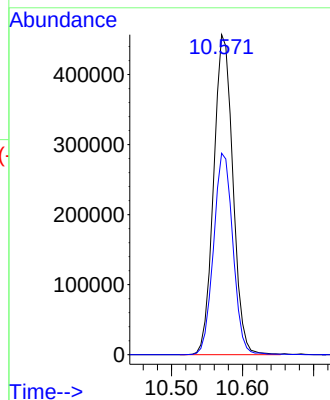
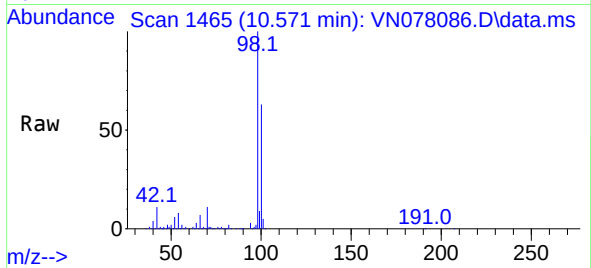




#50
Toluene-d8
Concen: 48.850 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

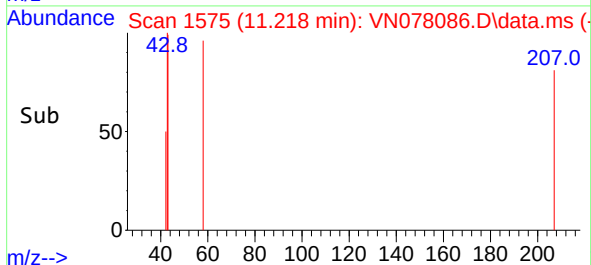
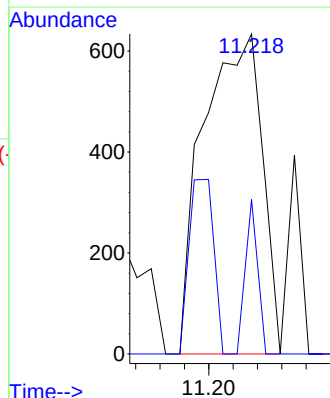
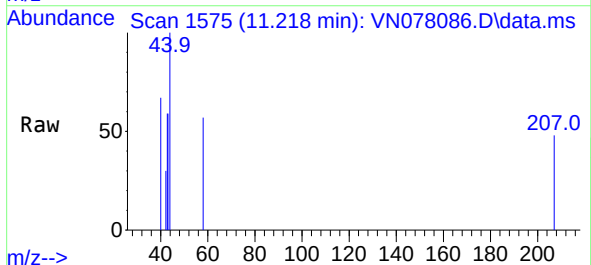
Instrument :
MSVOA_N
ClientSampleId :
IBLK

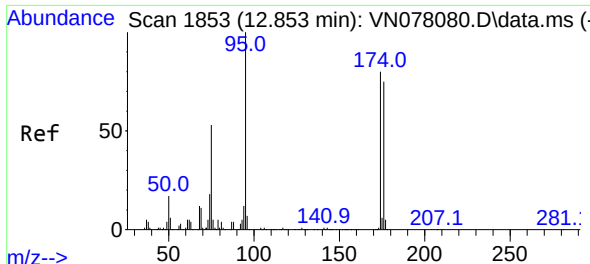
Tgt Ion: 98 Resp: 857472
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#59
2-Hexanone
Concen: 0.297 ug/l
RT: 11.218 min Scan# 1575
Delta R.T. 0.018 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 10.2 31.7 95.1#

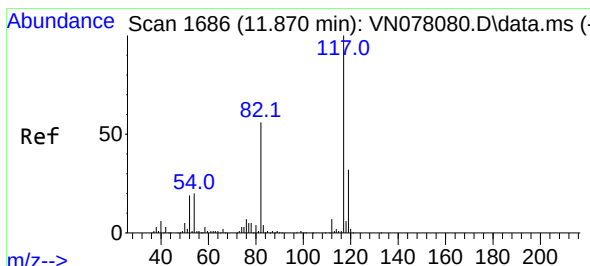
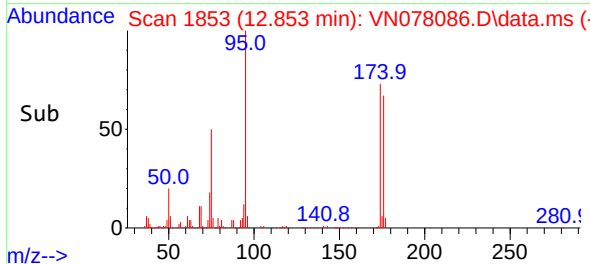
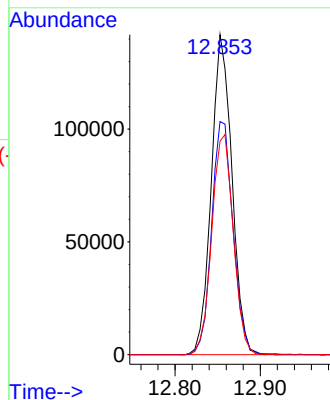
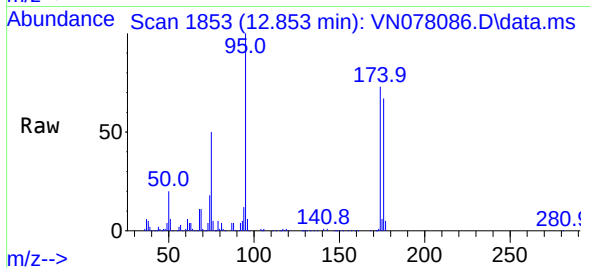




#62
4-Bromofluorobenzene
Concen: 43.729 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

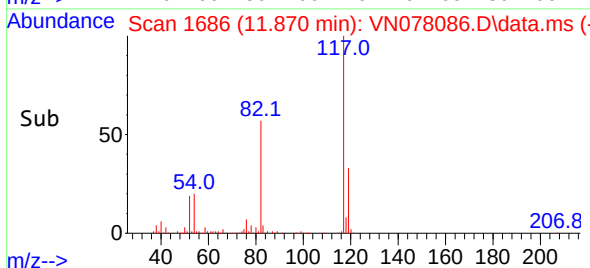
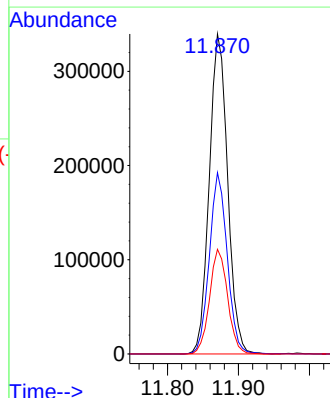
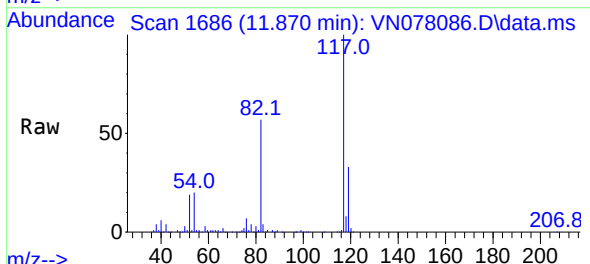
Instrument :
MSVOA_N
ClientSampleId :
IBLK

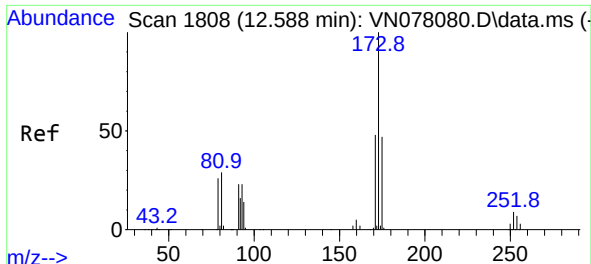
Tgt Ion: 95 Resp: 238623
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion: 117 Resp: 609976
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.7 25.6 38.4

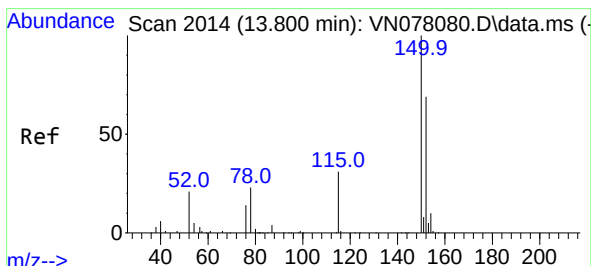
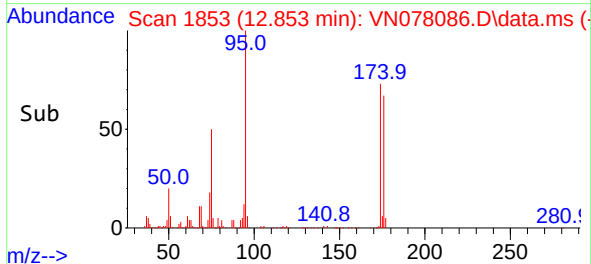
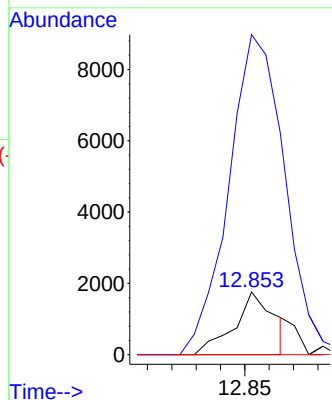
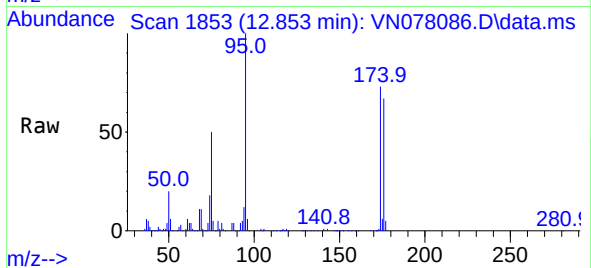




#71
Bromoform
Concen: 0.650 ug/l
RT: 12.853 min Scan# 1808
Delta R.T. 0.265 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

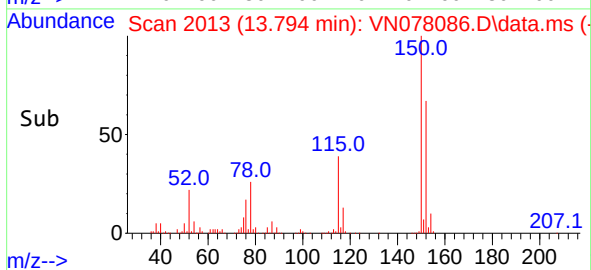
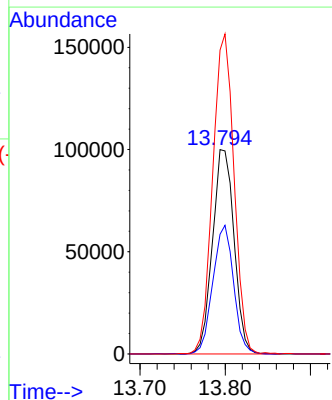
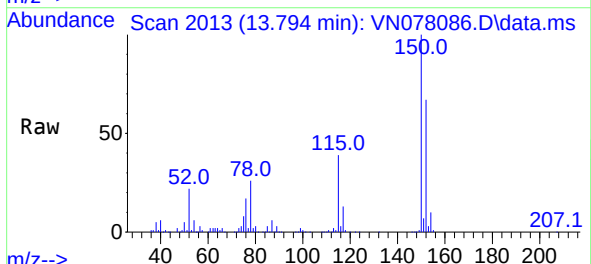
Instrument :
MSVOA_N
ClientSampleId :
IBLK

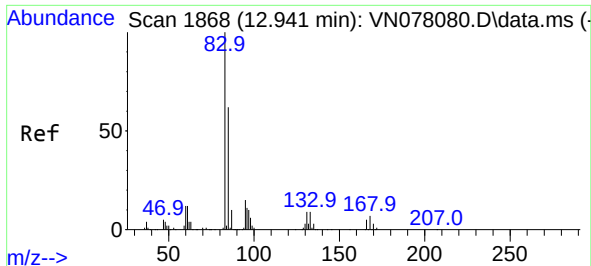
Tgt Ion:173 Resp: 2014
Ion Ratio Lower Upper
173 100
175 631.2 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion:152 Resp: 175980
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 154.7 0.0 355.8

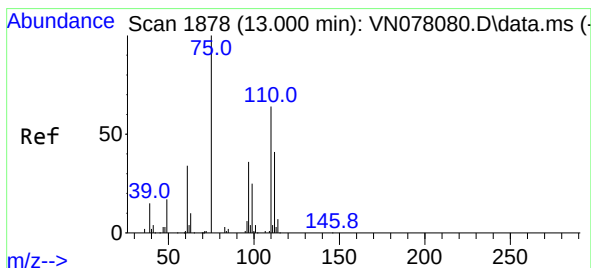
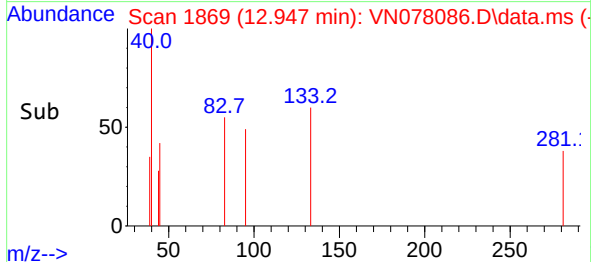
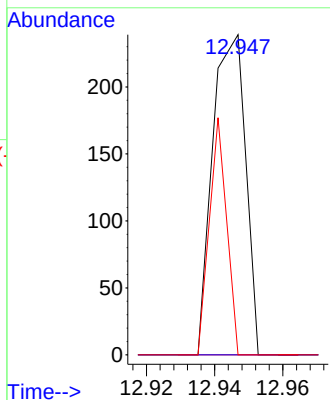
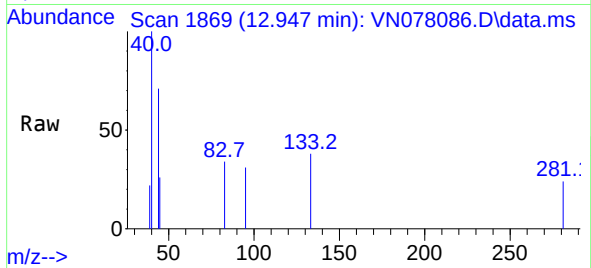




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

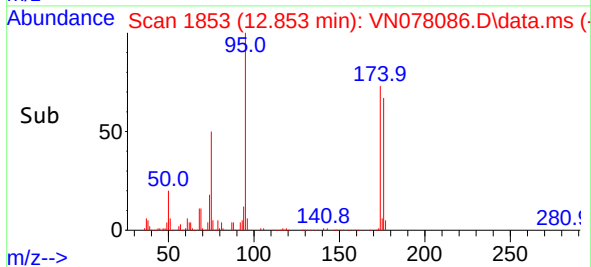
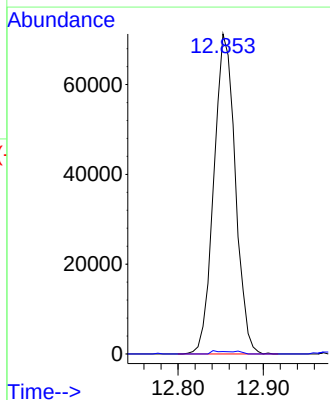
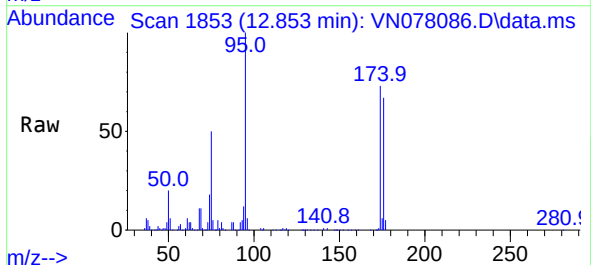
Instrument :
MSVOA_N
ClientSampleId :
IBLK

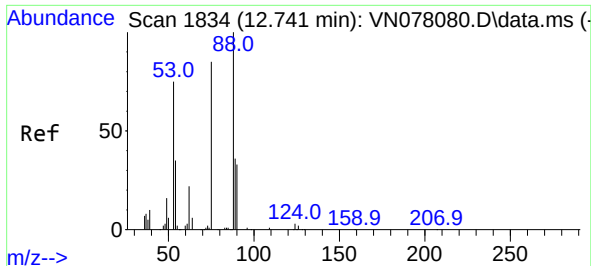
Tgt Ion: 83 Resp: 160
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 38.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 29.937 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion: 75 Resp: 124546
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#

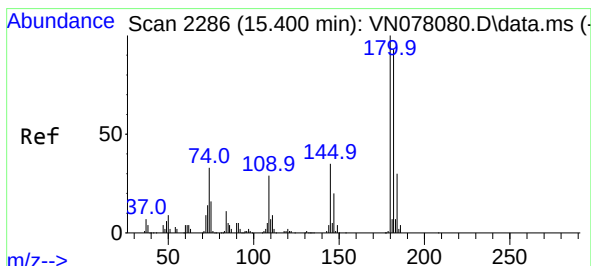
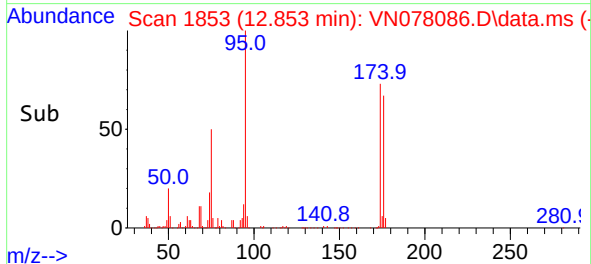
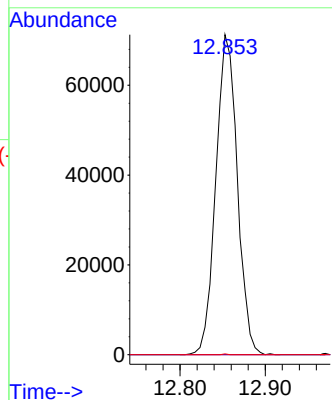
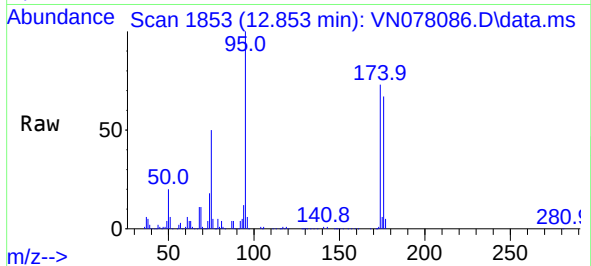




#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.977 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN078086.D
 Acq: 06 Jun 2023 23:46

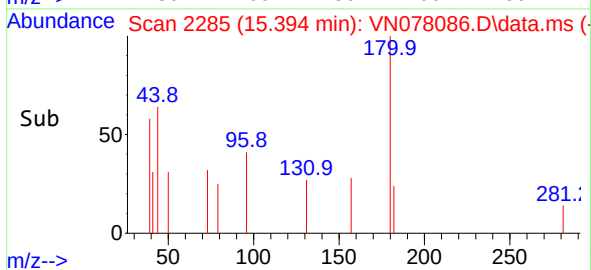
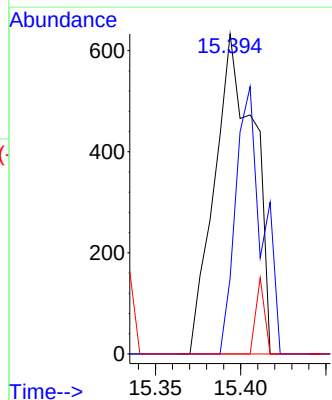
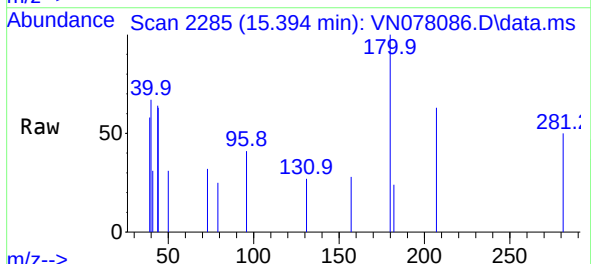
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

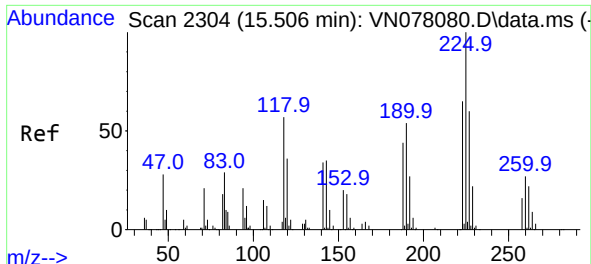
Tgt Ion: 75 Resp: 124546
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.444 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VN078086.D
 Acq: 06 Jun 2023 23:46

Tgt Ion:180 Resp: 1010
 Ion Ratio Lower Upper
 180 100
 182 56.1 46.1 138.2
 145 5.2 16.6 49.8#

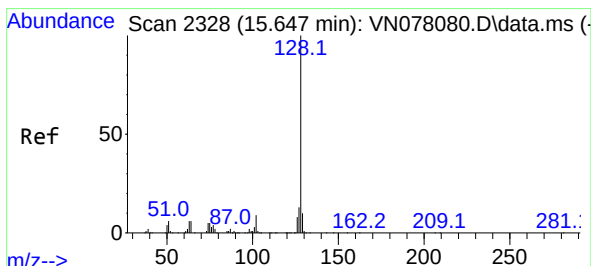
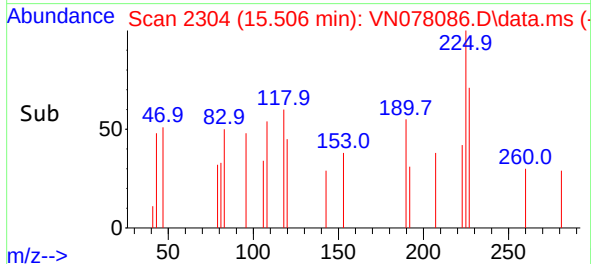
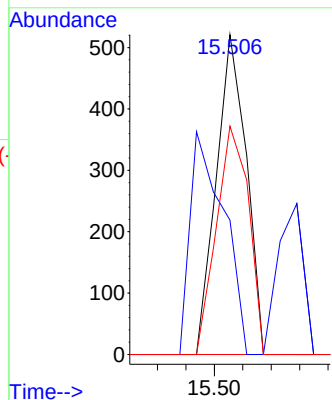
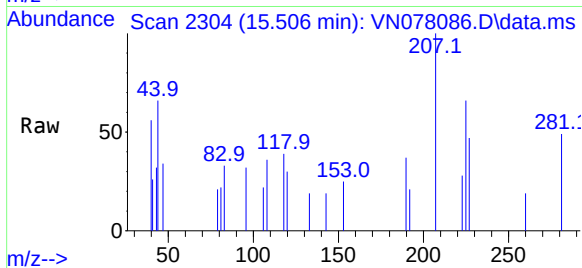




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.506 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:225 Resp: 382
Ion Ratio Lower Upper
225 100
223 78.3 31.3 93.8
227 76.4 31.9 95.9



#95
Naphthalene
Concen: 0.244 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN078086.D
Acq: 06 Jun 2023 23:46

Tgt Ion:128 Resp: 1867
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 7.1 8.7 13.1#

