

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075445.D
 Acq On : 28 Nov 2022 13:47
 Operator : JC\MD
 Sample : N5757-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-20221121

Quant Time: Nov 29 05:31:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

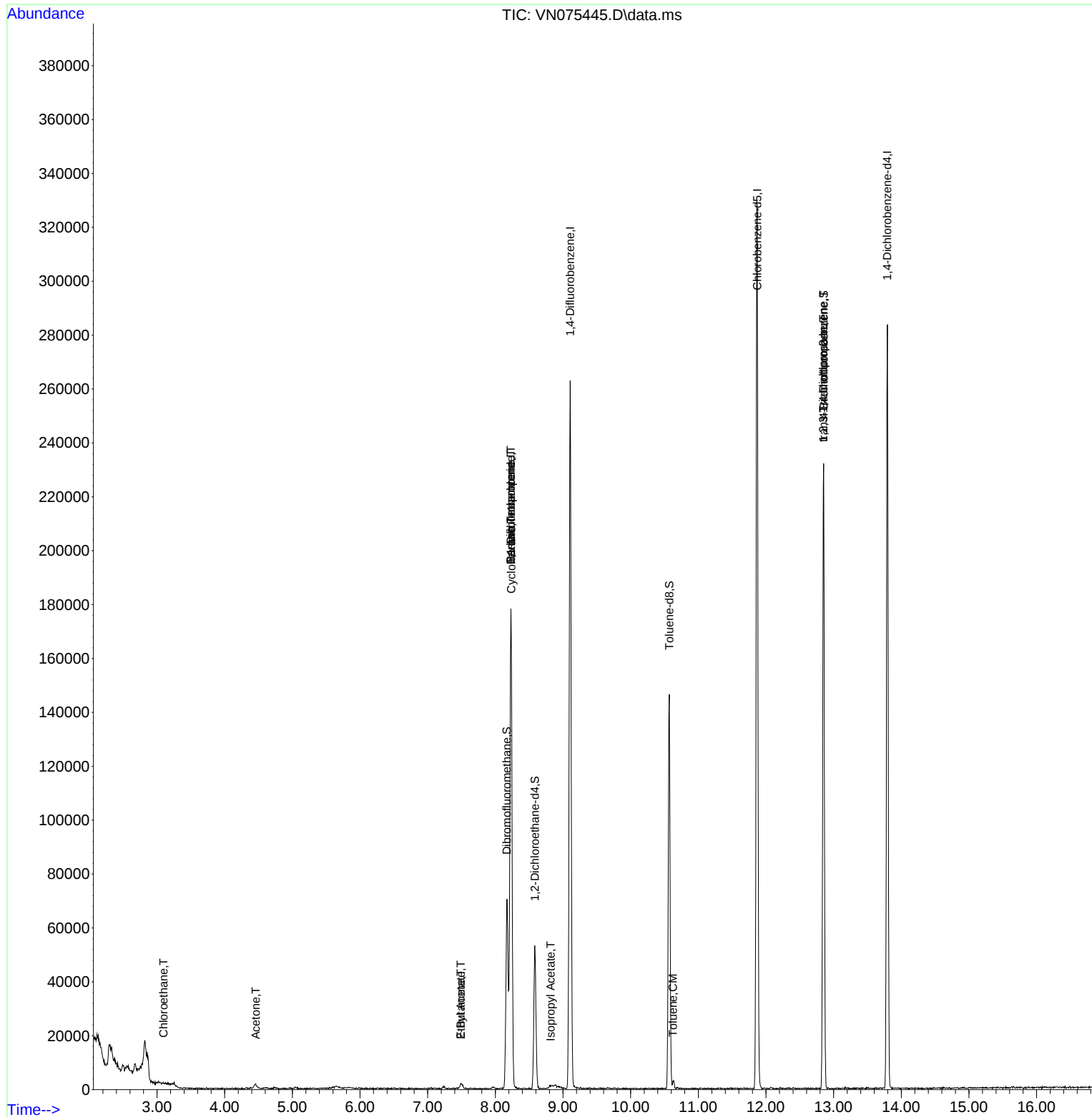
Internal Standards						
1) Pentafluorobenzene	8.230	168	136665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	205353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42191	57.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.020%	
35) Dibromofluoromethane	8.171	113	50194	53.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.200%	
50) Toluene-d8	10.571	98	106204	50.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.853	95	79982	51.377	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.760%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.095	64	517	0.416	ug/l #	45
16) Acetone	4.459	43	3408	4.981	ug/l	92
18) Methyl Acetate	5.042	43	909	Below Cal	#	60
25) 2-Butanone	7.489	43	3325	3.480	ug/l	92
31) Cyclohexane	8.236	56	2728	1.170	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	10033	4.913	ug/l #	48
37) Ethyl Acetate	7.489	43	3325	1.808	ug/l #	66
38) Carbon Tetrachloride	8.230	117	13774	6.140	ug/l #	17
43) Isopropyl Acetate	8.818	43	1020	0.346	ug/l #	53
52) Toluene	10.624	92	1280	0.318	ug/l	77
76) 1,2,3-Trichloropropane	12.847	75	40546	26.540	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	40546	78.526	ug/l #	10

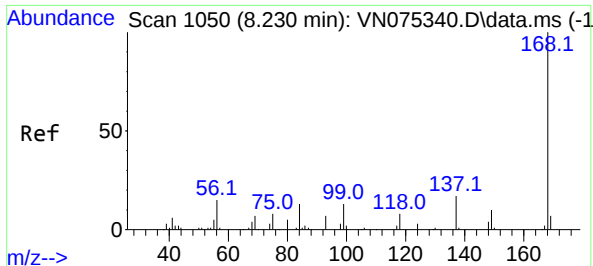
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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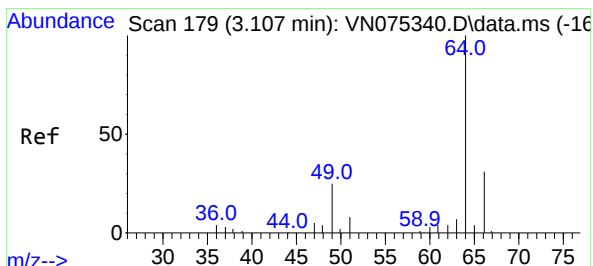
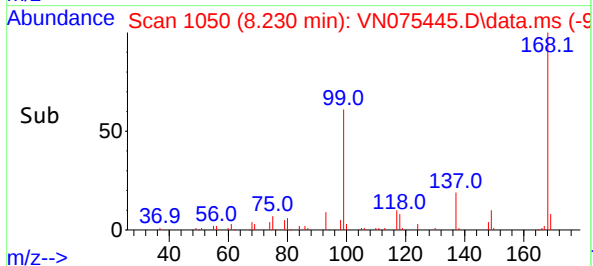
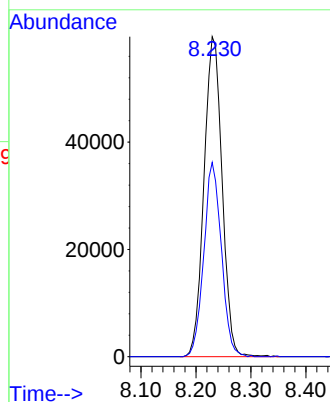
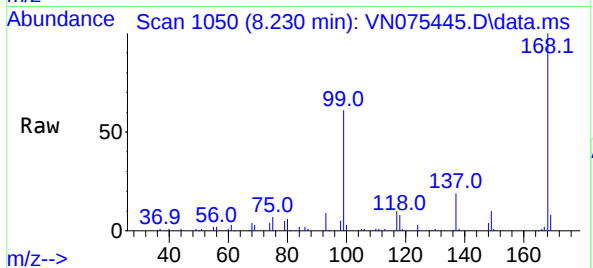




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

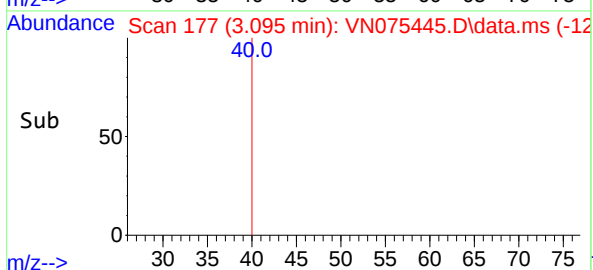
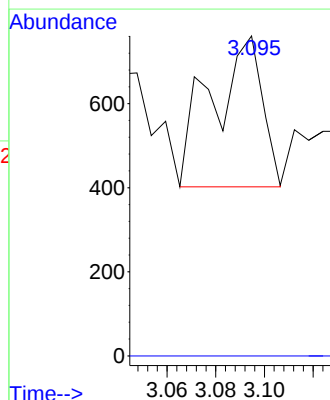
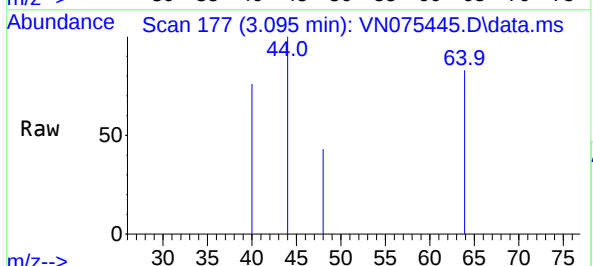
Instrument :
MSVOA_N
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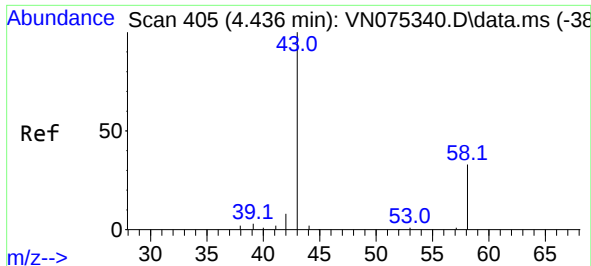
Tgt Ion:168 Resp: 136665
Ion Ratio Lower Upper
168 100
99 60.7 51.6 77.4



#6
Chloroethane
Concen: 0.416 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.012 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Tgt Ion: 64 Resp: 517
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

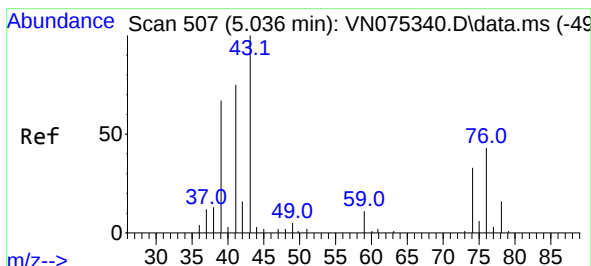
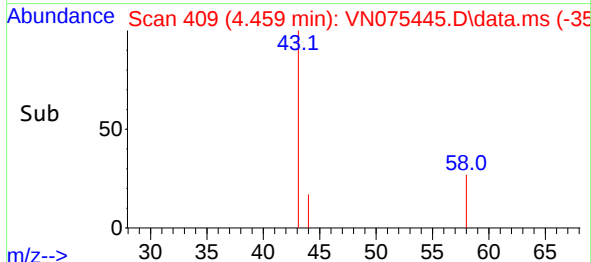
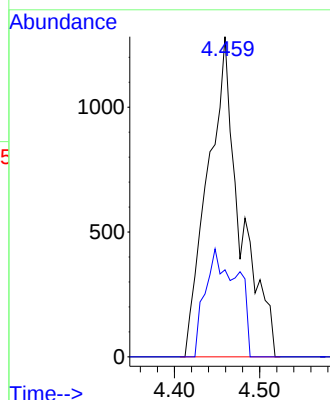
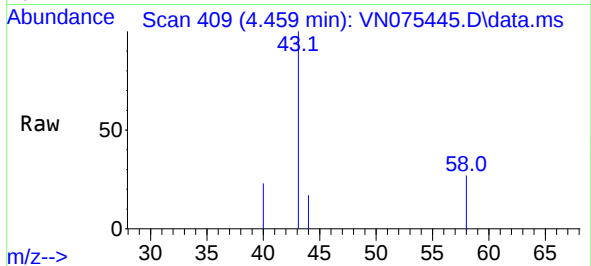




#16
Acetone
Concen: 4.981 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.023 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

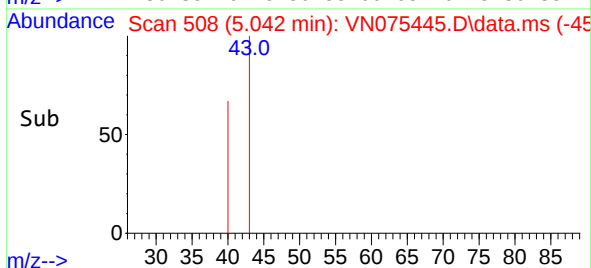
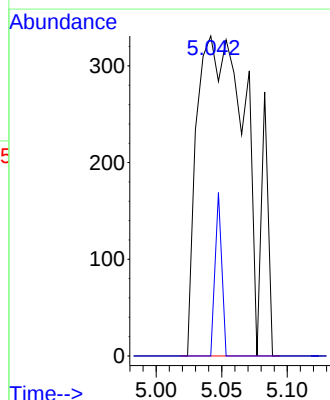
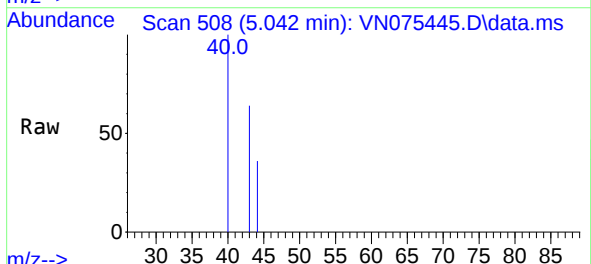
Instrument :
MSVOA_N
ClientSampleId :
FB01-20221121

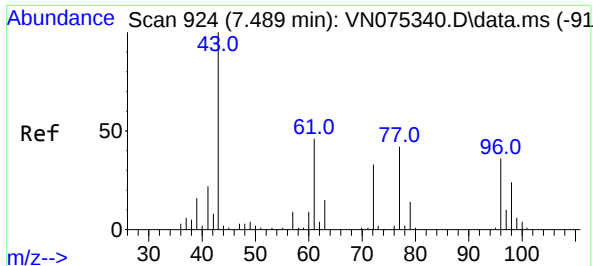
Tgt Ion: 43 Resp: 3408
Ion Ratio Lower Upper
43 100
58 27.2 25.5 38.3



#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
74 6.6 22.0 33.0#

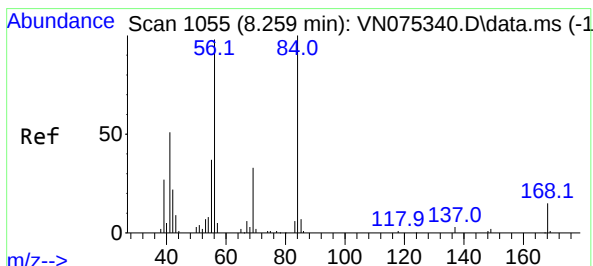
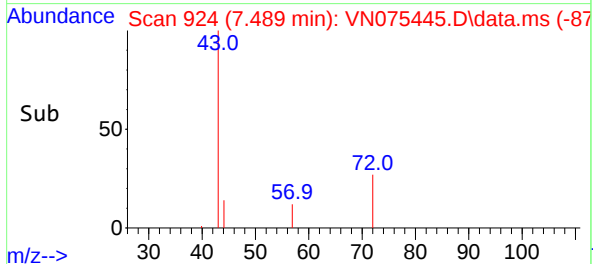
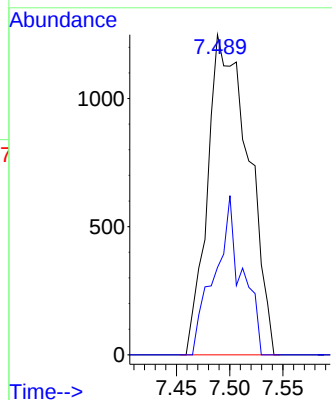
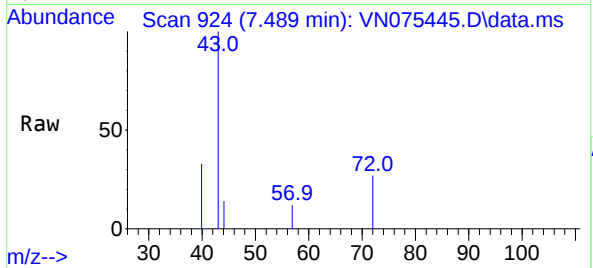




#25
2-Butanone
Concen: 3.480 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

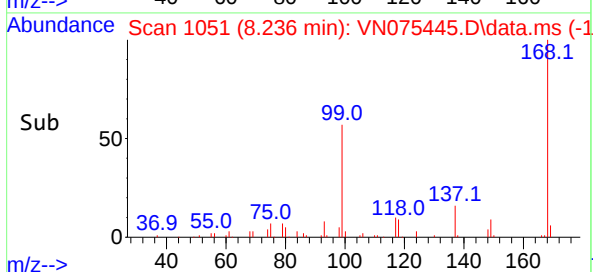
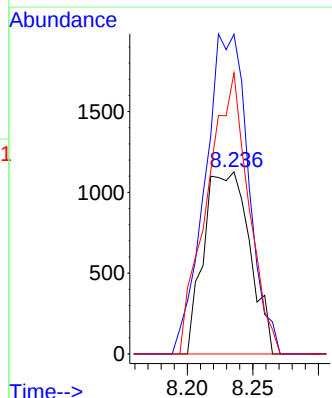
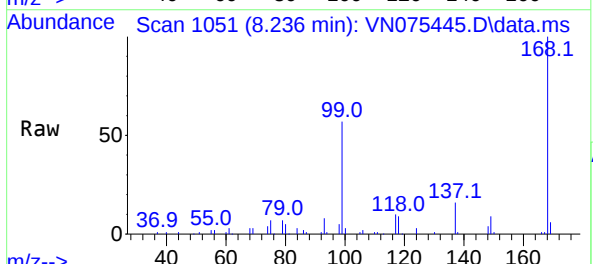
Instrument :
MSVOA_N
ClientSampleId :
FB01-20221121

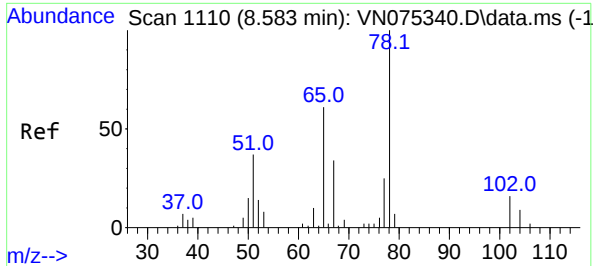
Tgt Ion: 43 Resp: 3325
Ion Ratio Lower Upper
43 100
72 27.3 25.5 38.3



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.023 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Tgt Ion: 56 Resp: 2728
Ion Ratio Lower Upper
56 100
69 175.4 25.2 37.8#
84 154.3 77.8 116.8#

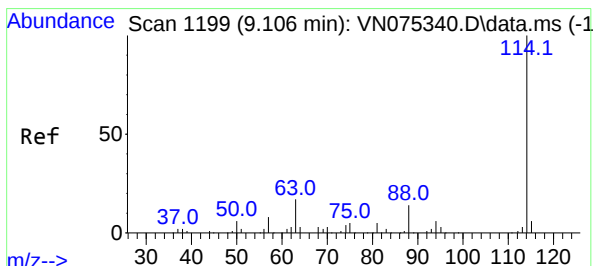
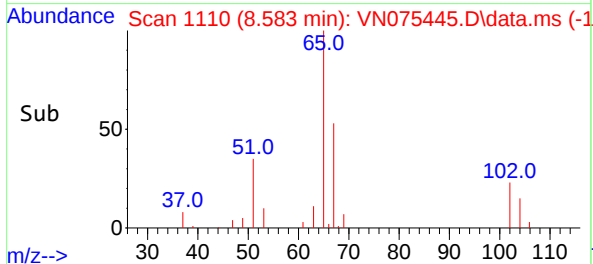
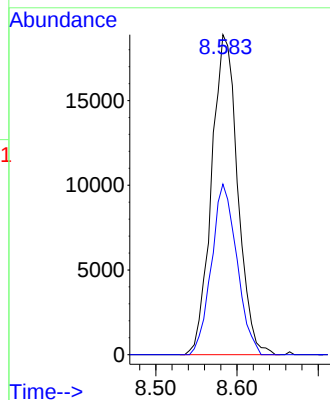
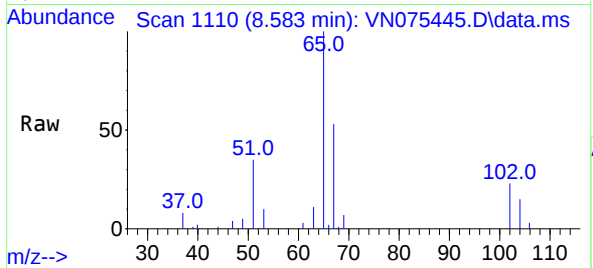




#33
1,2-Dichloroethane-d4
Concen: 57.512 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

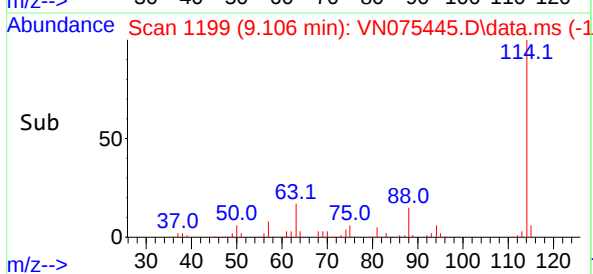
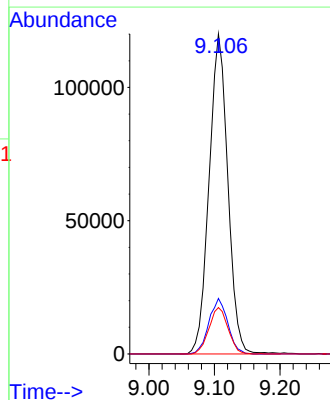
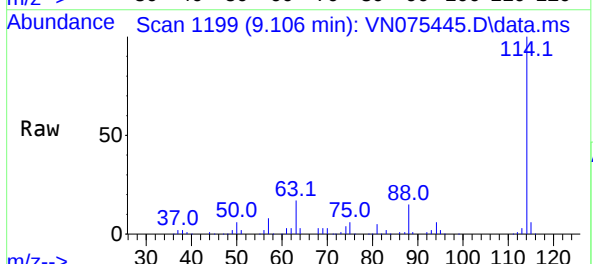
Instrument :
MSVOA_N
ClientSampleId :
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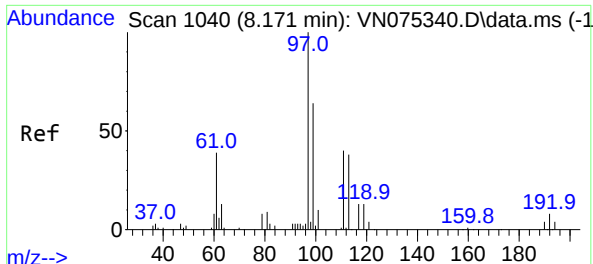
Tgt Ion: 65 Resp: 42191
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Tgt Ion:114 Resp: 238384
Ion Ratio Lower Upper
114 100
63 17.4 0.0 39.6
88 14.5 0.0 29.0

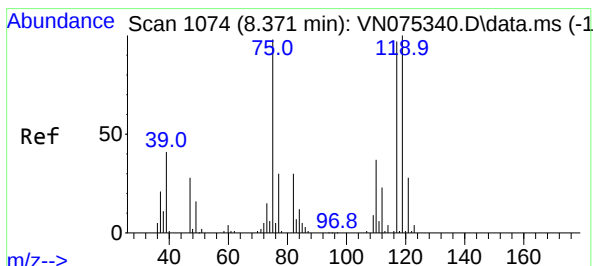
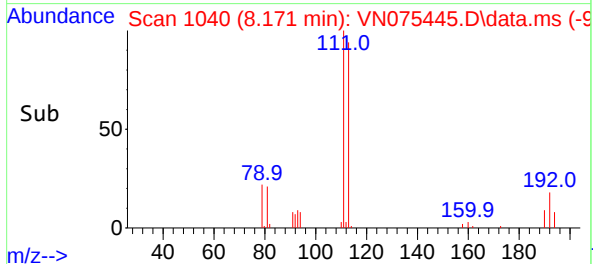
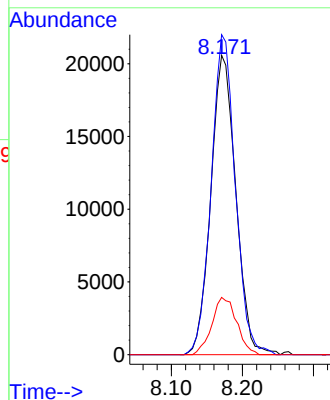
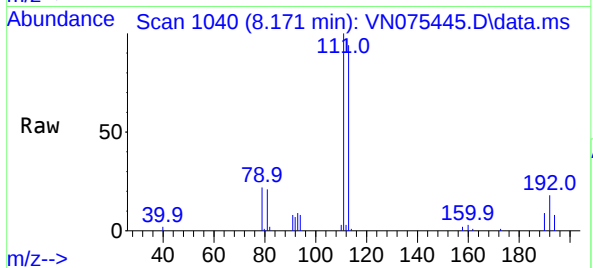




#35
Dibromofluoromethane
Concen: 53.600 ug/l
RT: 8.171 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

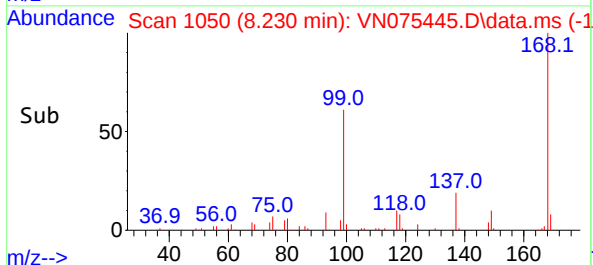
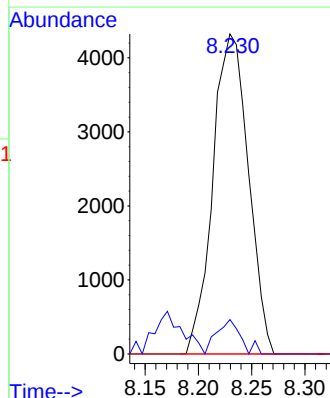
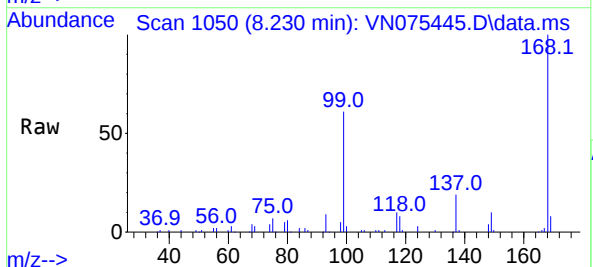
Instrument :
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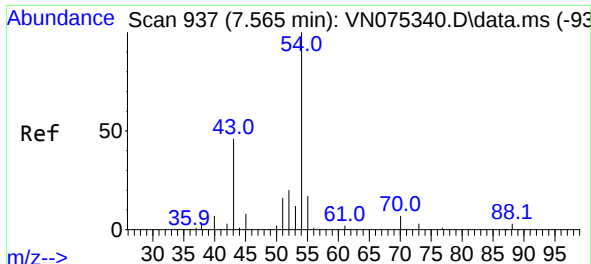
Tgt Ion:113 Resp: 50194
Ion Ratio Lower Upper
113 100
111 103.3 80.5 120.7
192 19.0 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Tgt Ion: 75 Resp: 10033
Ion Ratio Lower Upper
75 100
110 7.3 17.8 53.3#
77 0.0 24.6 37.0#



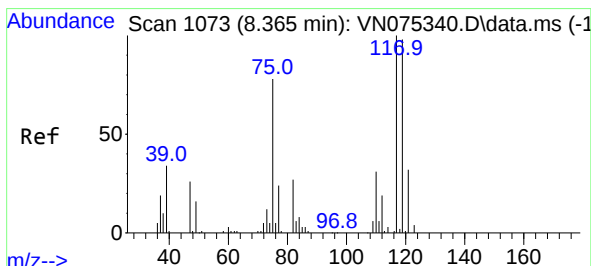
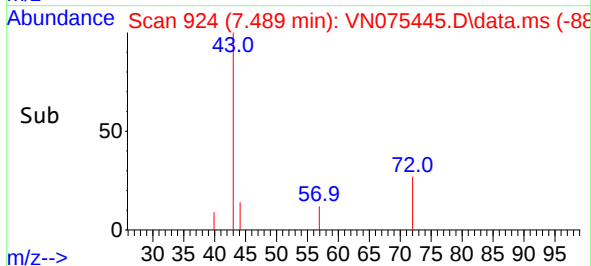
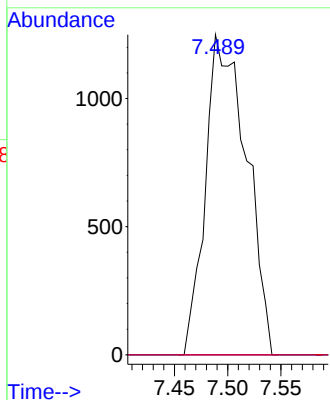
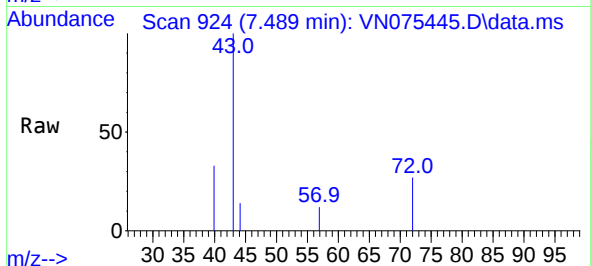


#37
Ethyl Acetate
Concen: 1.808 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.076 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 43 Resp: 3325

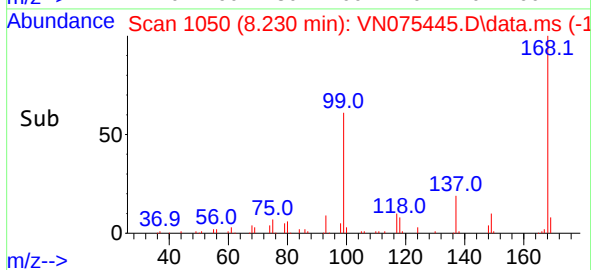
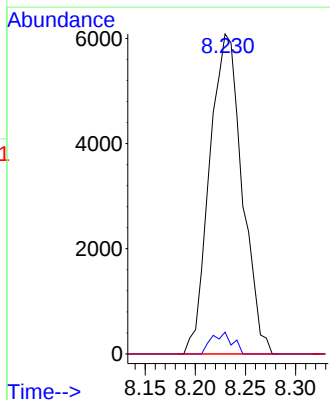
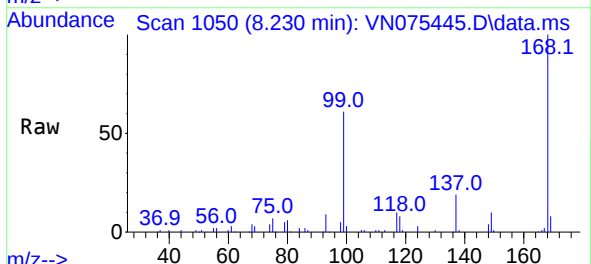
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	9.4	14.2#

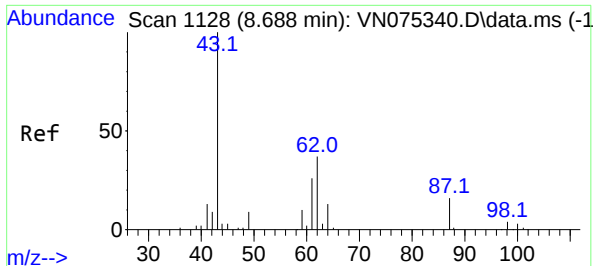


#38
Carbon Tetrachloride
Concen: 6.140 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Tgt Ion: 117 Resp: 13774

Ion	Ratio	Lower	Upper
117	100		
119	6.8	76.7	115.1#
121	0.0	23.9	35.9#

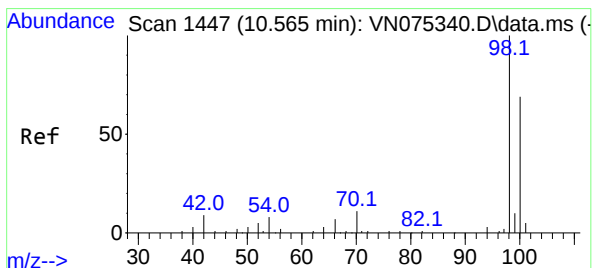
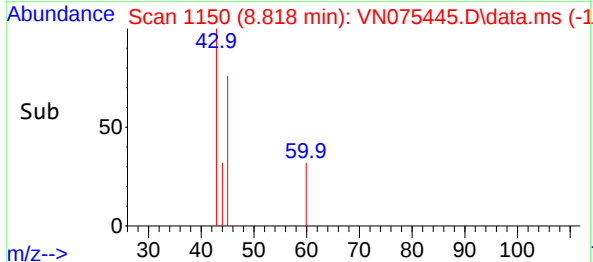
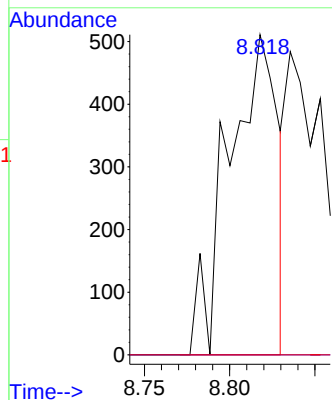
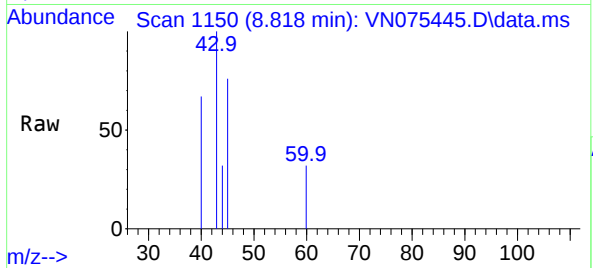




#43
Isopropyl Acetate
Concen: 0.346 ug/l
RT: 8.818 min Scan# 1128
Delta R.T. 0.130 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

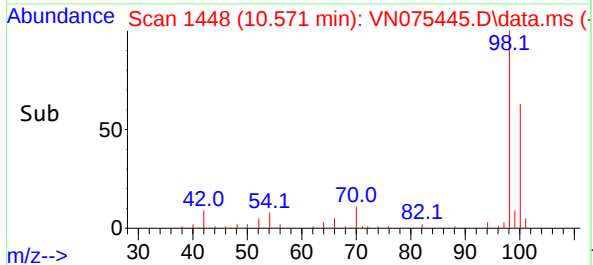
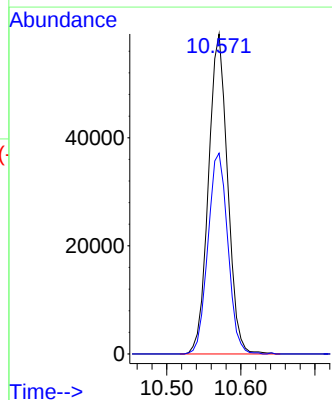
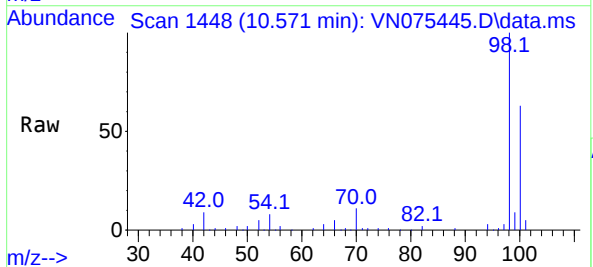
Instrument :
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ClientSampleId :
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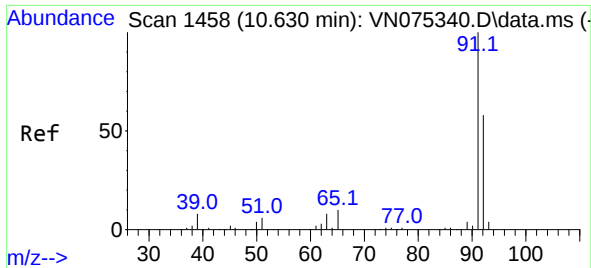
Tgt Ion: 43 Resp: 1020
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 50.354 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Tgt Ion: 98 Resp: 106204
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6

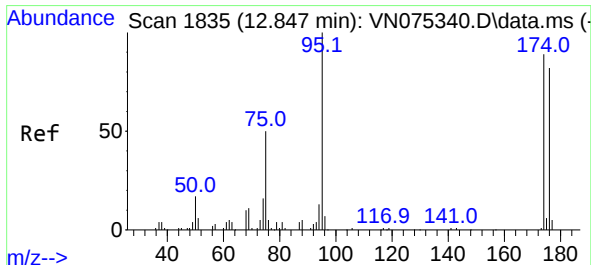
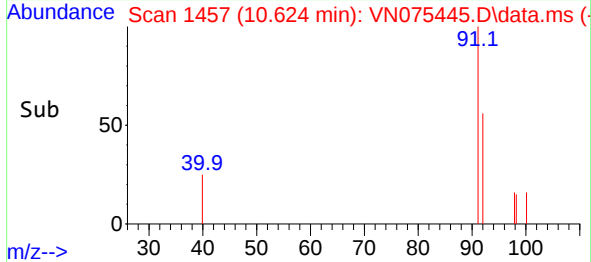
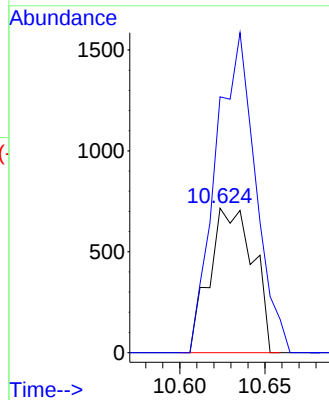
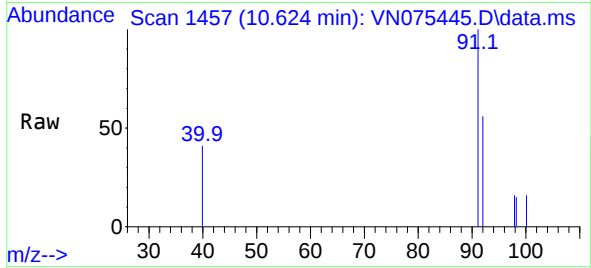




#52
Toluene
Concen: 0.318 ug/l
RT: 10.624 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

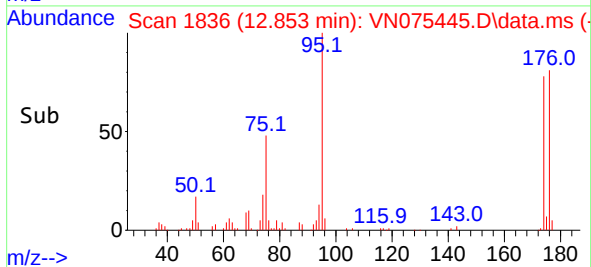
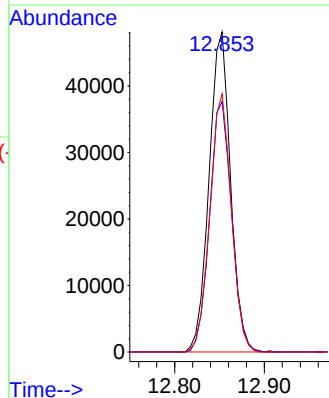
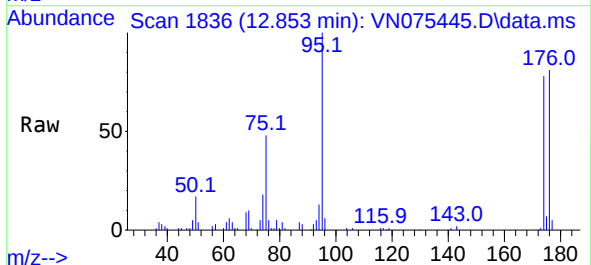
Instrument :
MSVOA_N
ClientSampleId :
FB01-20221121

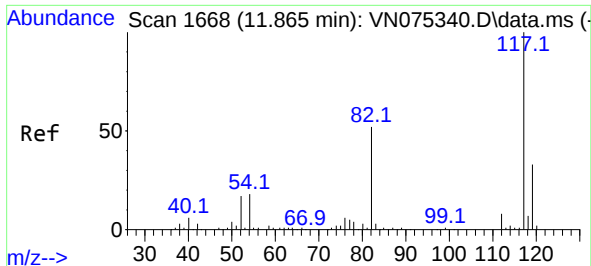
Tgt Ion: 92 Resp: 1280
Ion Ratio Lower Upper
92 100
91 201.3 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 51.377 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Tgt Ion: 95 Resp: 79982
Ion Ratio Lower Upper
95 100
174 80.2 0.0 147.4
176 80.4 0.0 142.2

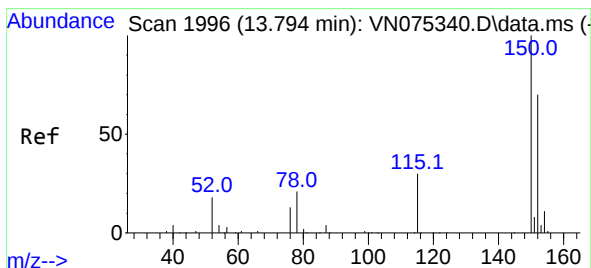
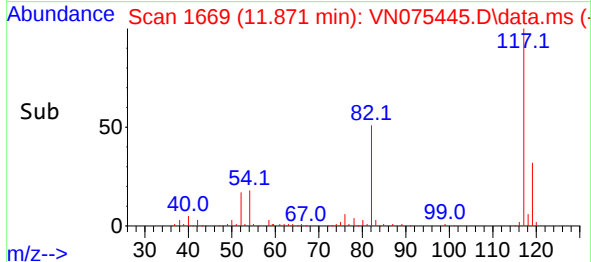
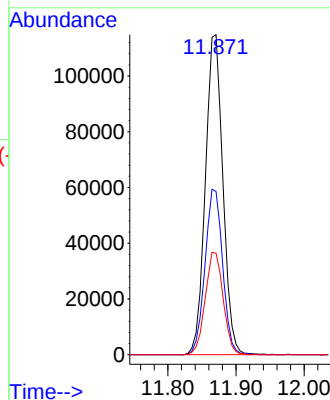
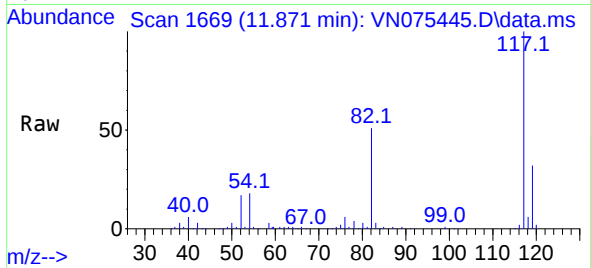




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

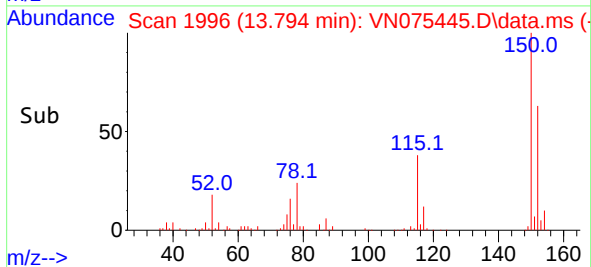
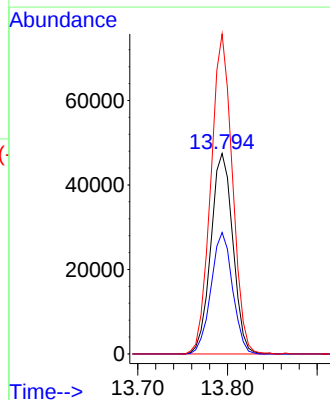
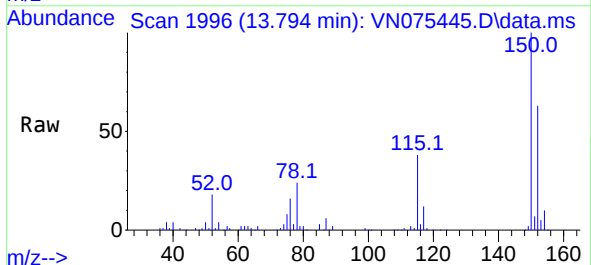
Instrument :
MSVOA_N
ClientSampleId :
FB01-20221121

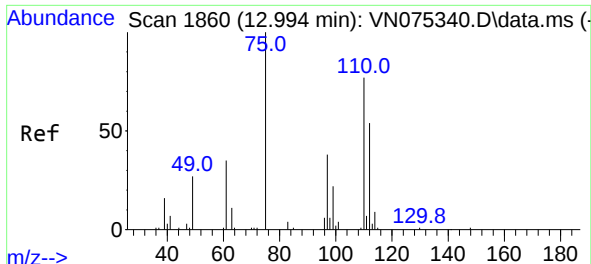
Tgt Ion:117 Resp: 205353
Ion Ratio Lower Upper
117 100
82 51.0 43.1 64.7
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Tgt Ion:152 Resp: 80801
Ion Ratio Lower Upper
152 100
115 59.3 30.2 90.6
150 156.3 0.0 348.4

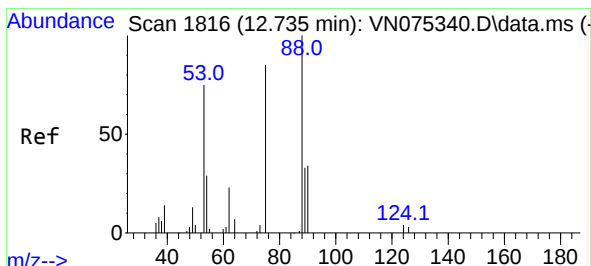
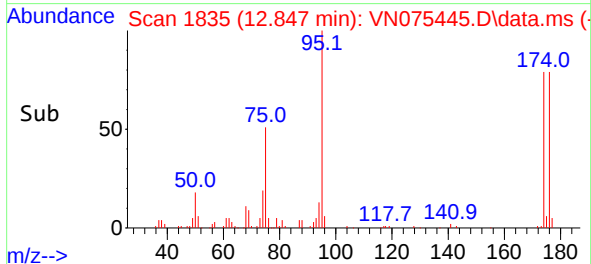
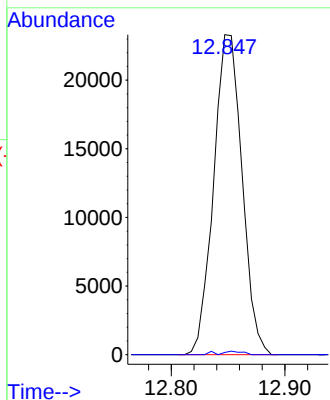
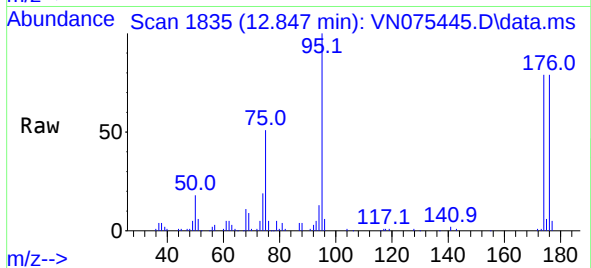




#76
1,2,3-Trichloropropane
Concen: 26.540 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
FB01-20221121

Tgt Ion: 75 Resp: 40546
Ion Ratio Lower Upper
75 100
77 0.7 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.526 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075445.D
Acq: 28 Nov 2022 13:47

Tgt Ion: 75 Resp: 40546
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

