

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070400.D
 Acq On : 30 Dec 2021 15:33
 Operator : JC/MD
 Sample : M5177-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 31 05:19:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

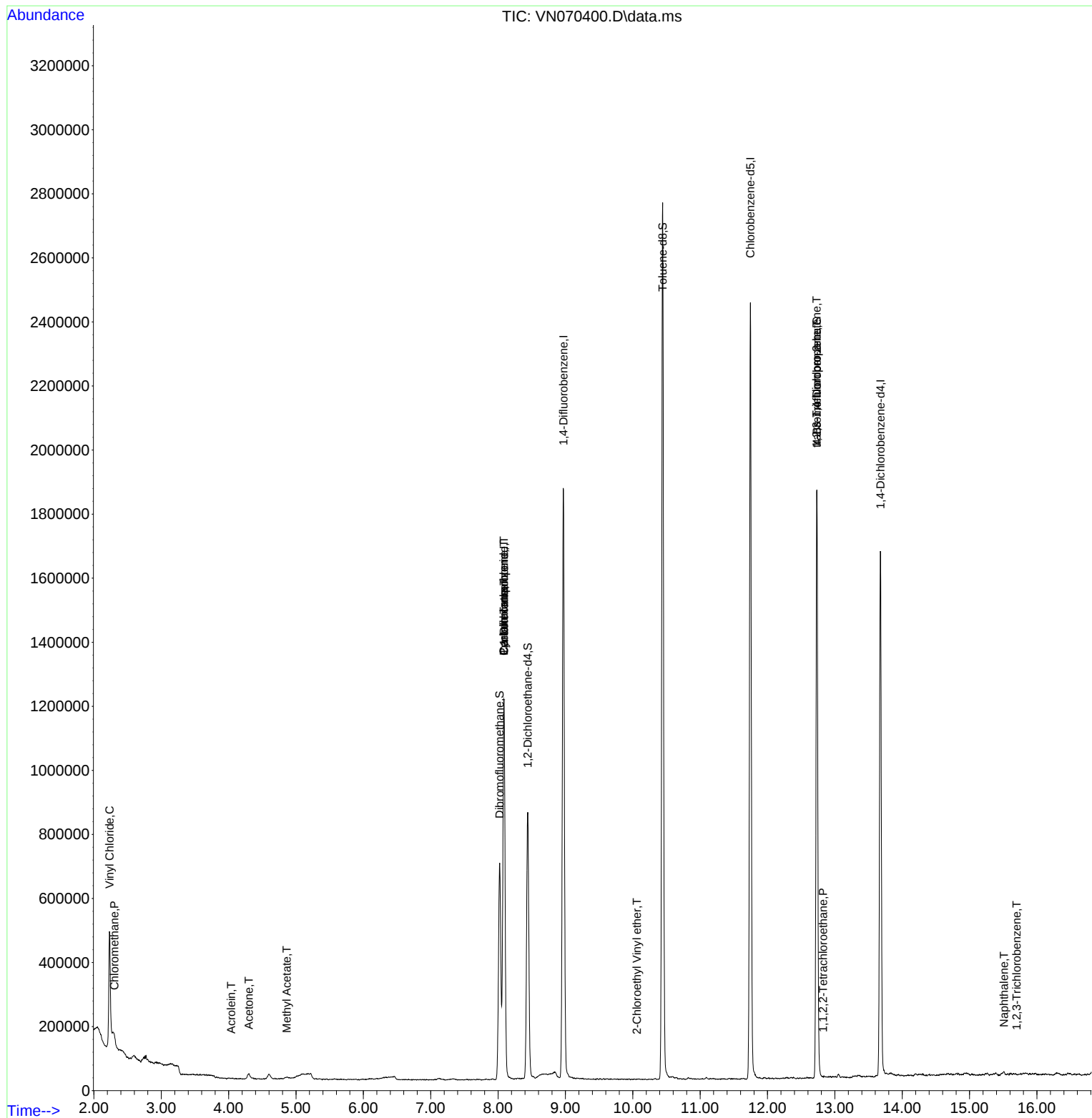
Internal Standards						
1) Pentafluorobenzene	8.088	168	909221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1572338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1385869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	453463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	709486	54.272	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.540%			
35) Dibromofluoromethane	8.024	113	499411	52.495	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.000%			
50) Toluene-d8	10.443	98	1877390	48.307	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.620%			
62) 4-Bromofluorobenzene	12.734	95	661595	47.133	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.260%			
Target Compounds						Qvalue
3) Chloromethane	2.303	50	5960	0.425	ug/l	90
4) Vinyl Chloride	2.234	62	4106	0.322	ug/l #	1
13) Acrolein	4.039	56	995	0.563	ug/l	97
16) Acetone	4.299	43	26023	3.066	ug/l	100
18) Methyl Acetate	4.862	43	5369	0.219	ug/l #	59
31) Cyclohexane	8.088	56	22104	1.071	ug/l #	18
36) 1,1-Dichloropropene	8.086	75	74194	4.714	ug/l #	49
38) Carbon Tetrachloride	8.086	117	90900	6.049	ug/l #	17
58) 2-Chloroethyl Vinyl ether	10.062	63	261	18.563	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.825	83	386	0.472	ug/l #	21
76) 1,2,3-Trichloropropane	12.731	75	353661	27.637	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	353661	95.287	ug/l #	5
95) Naphthalene	15.509	128	8190	2.179	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.700	180	982	0.961	ug/l #	88

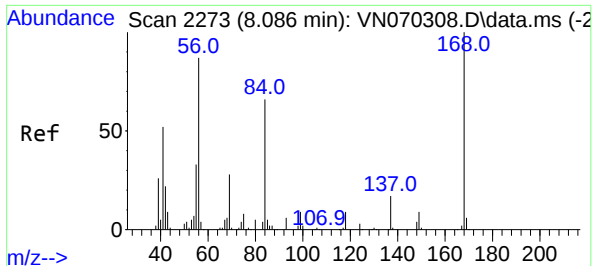
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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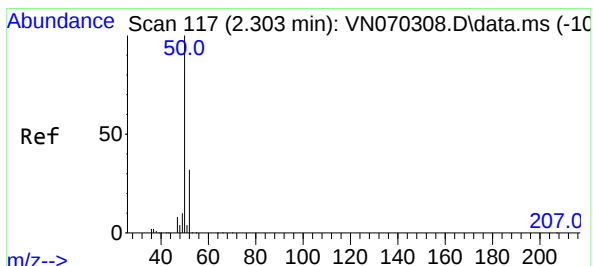
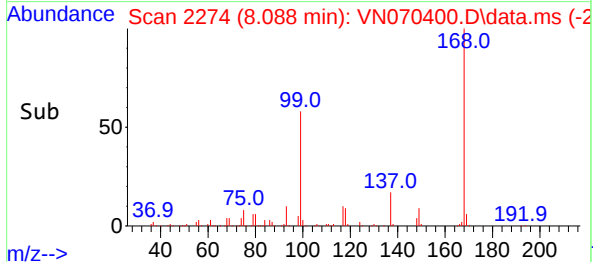
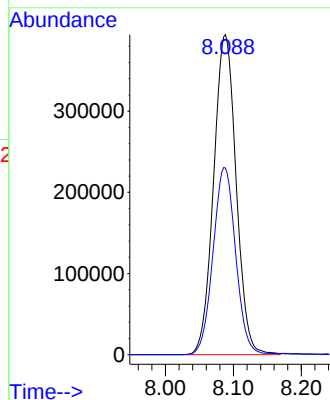
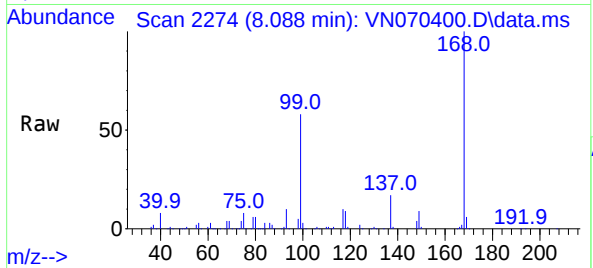




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

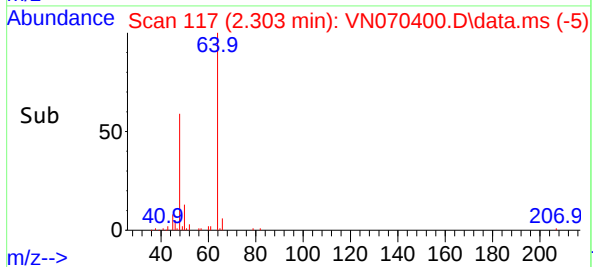
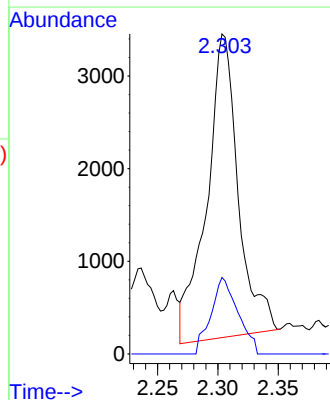
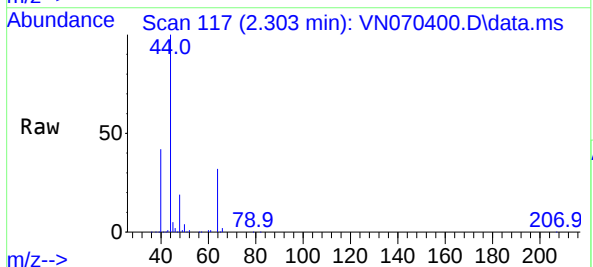
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MSVOA_N
ClientSampleId :
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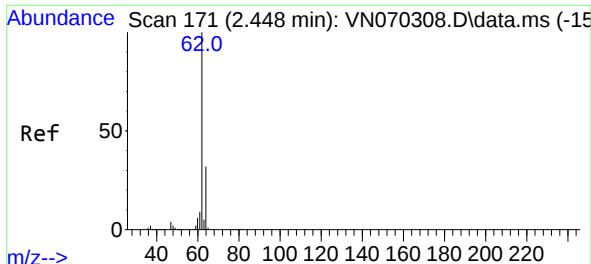
Tgt Ion:168 Resp: 909221
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9



#3
Chloromethane
Concen: 0.425 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

Tgt Ion: 50 Resp: 5960
Ion Ratio Lower Upper
50 100
52 25.9 25.4 38.0

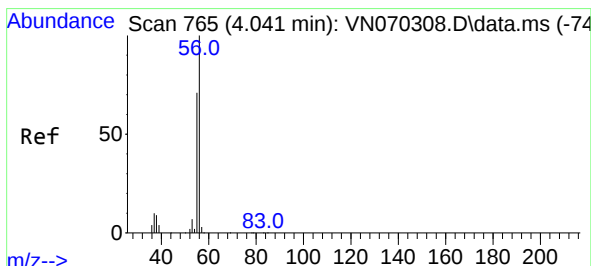
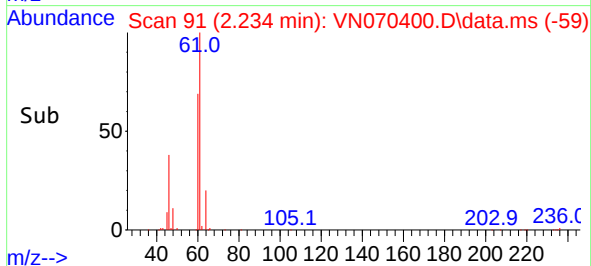
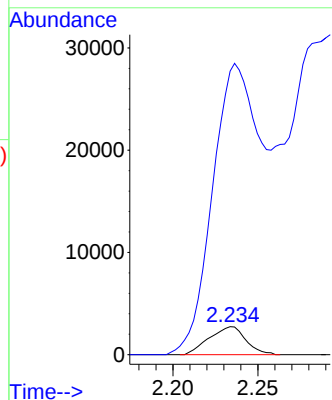
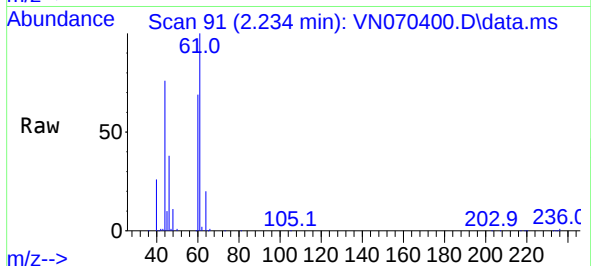




#4
 Vinyl Chloride
 Concen: 0.322 ug/l
 RT: 2.234 min Scan# 91
 Delta R.T. -0.214 min
 Lab File: VN070400.D
 Acq: 30 Dec 2021 15:33

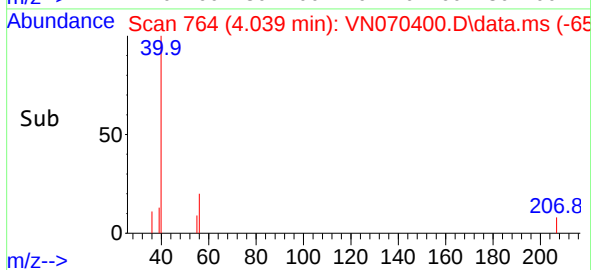
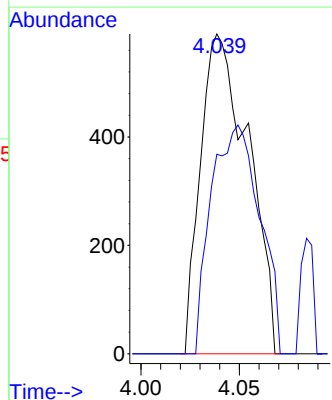
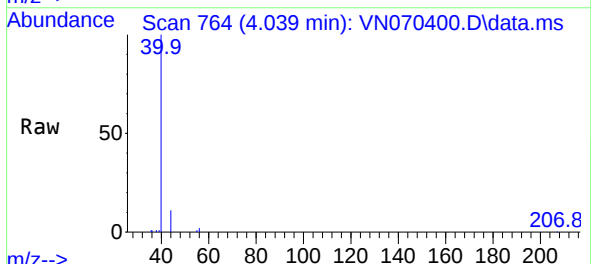
Instrument :
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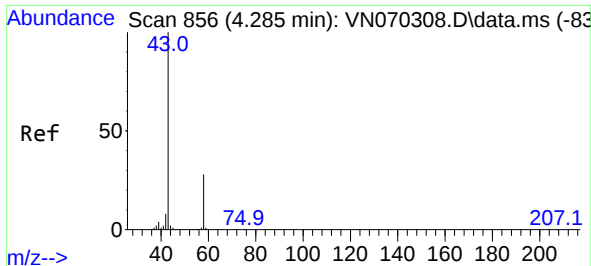
Tgt Ion: 62 Resp: 4106
 Ion Ratio Lower Upper
 62 100
 64 983.4 25.8 38.6#



#13
 Acrolein
 Concen: 0.563 ug/l
 RT: 4.039 min Scan# 764
 Delta R.T. -0.002 min
 Lab File: VN070400.D
 Acq: 30 Dec 2021 15:33

Tgt Ion: 56 Resp: 995
 Ion Ratio Lower Upper
 56 100
 55 72.9 56.6 85.0

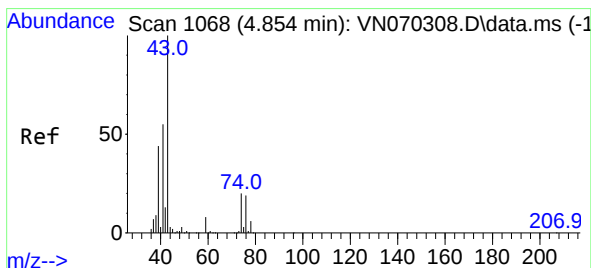
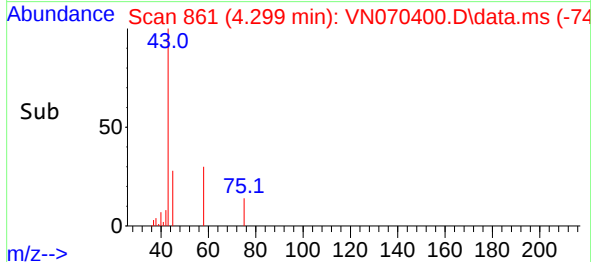
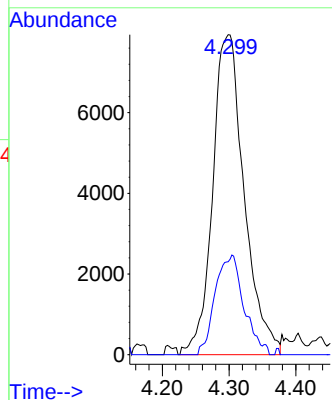
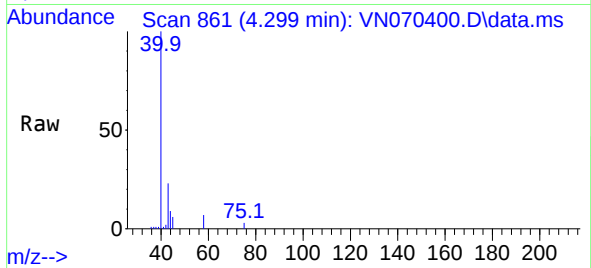




#16
Acetone
Concen: 3.066 ug/l
RT: 4.299 min Scan# 80
Delta R.T. 0.014 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

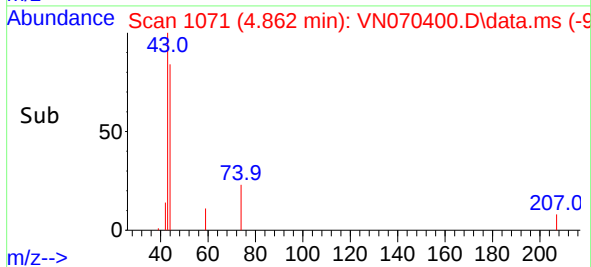
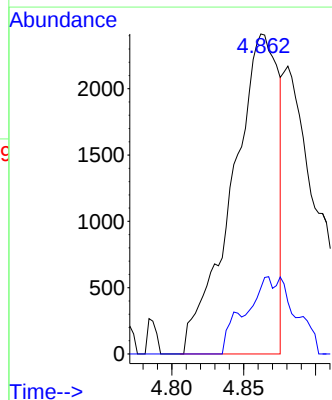
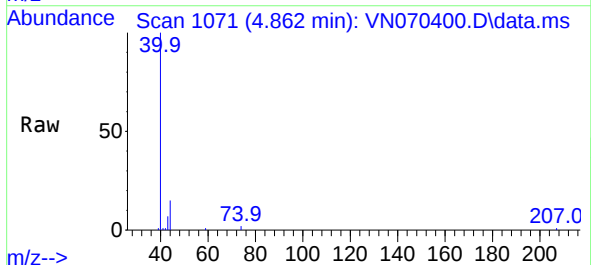
Instrument :
MSVOA_N
ClientSampleId :
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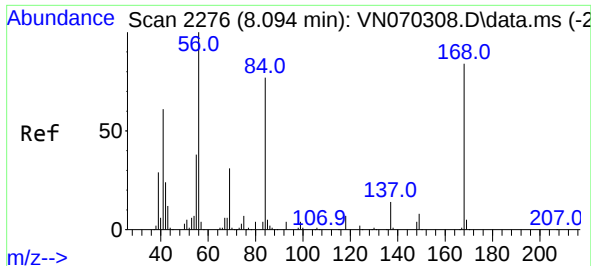
Tgt Ion: 43 Resp: 26023
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7



#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

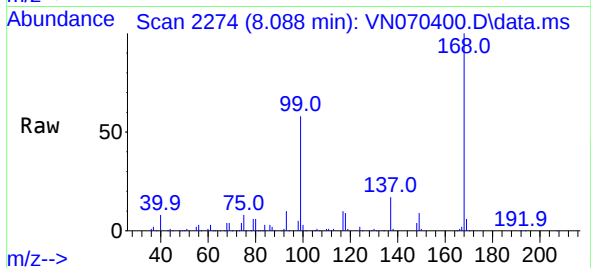
Tgt Ion: 43 Resp: 5369
Ion Ratio Lower Upper
43 100
74 4.1 19.4 29.2#



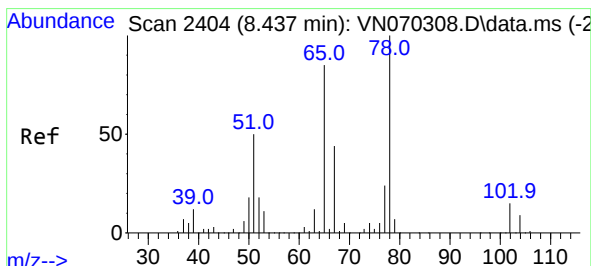
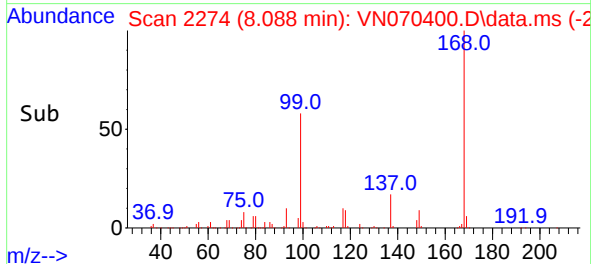
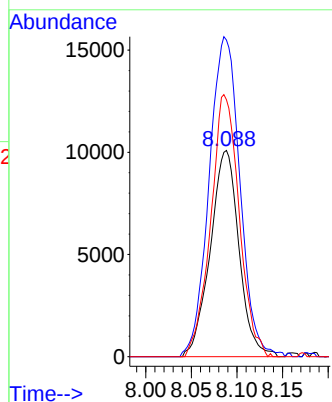


#31
Cyclohexane
Concen: 1.071 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

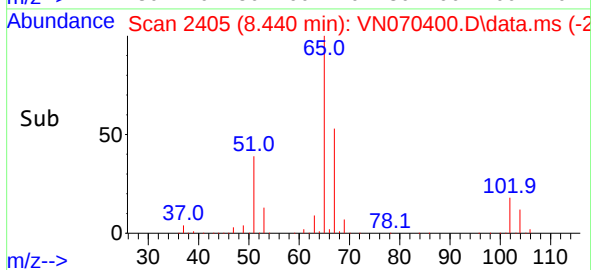
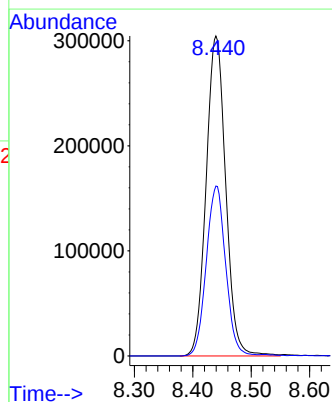
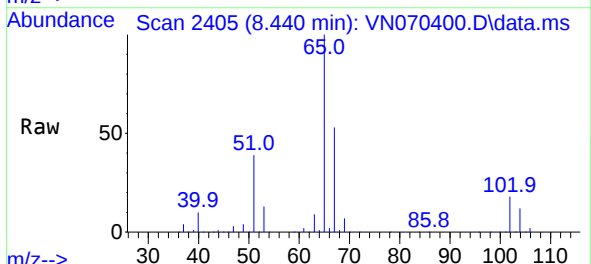


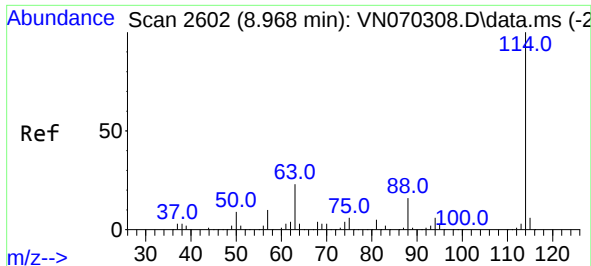
Tgt Ion: 56 Resp: 22104
Ion Ratio Lower Upper
56 100
69 153.6 27.1 40.7#
84 124.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 54.272 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

Tgt Ion: 65 Resp: 709486
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

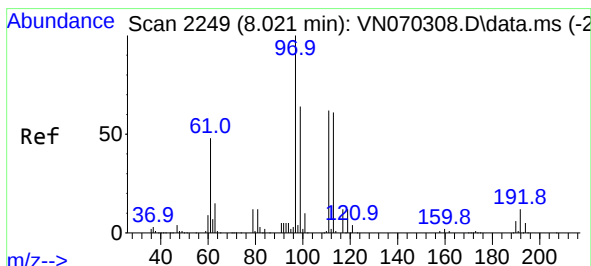
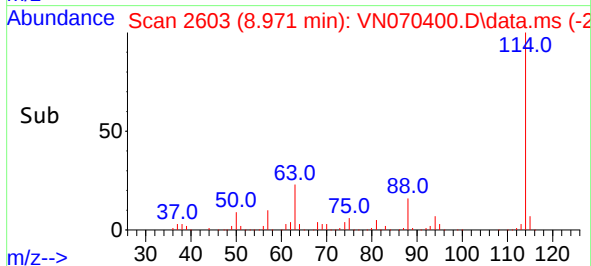
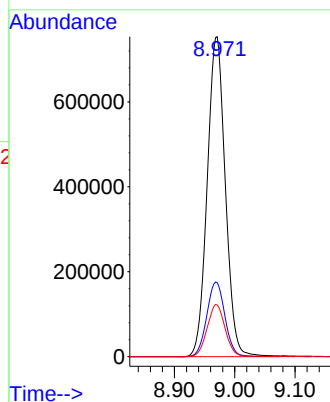
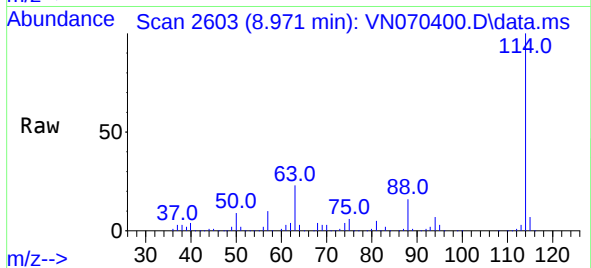




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

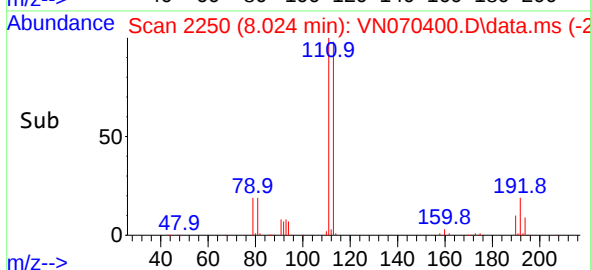
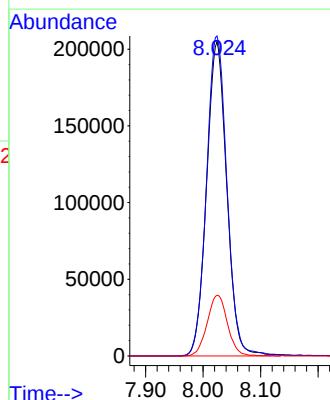
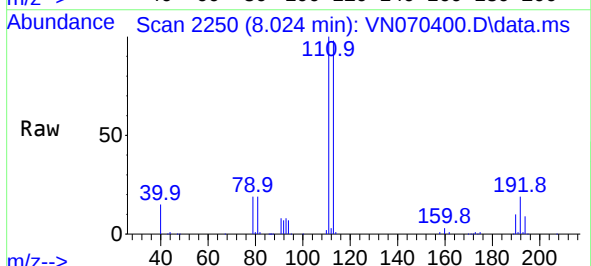
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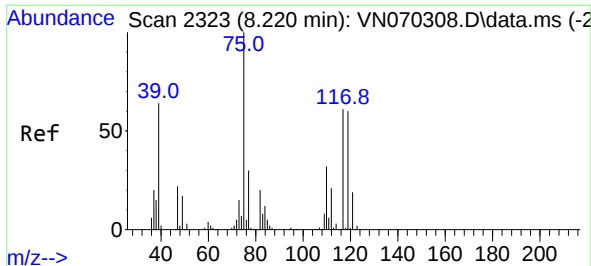
Tgt Ion:114 Resp: 1572338
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.495 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

Tgt Ion:113 Resp: 499411
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.4 16.9 25.3

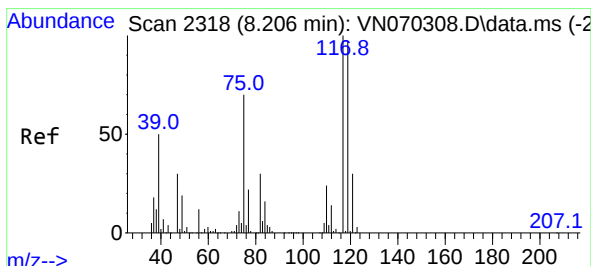
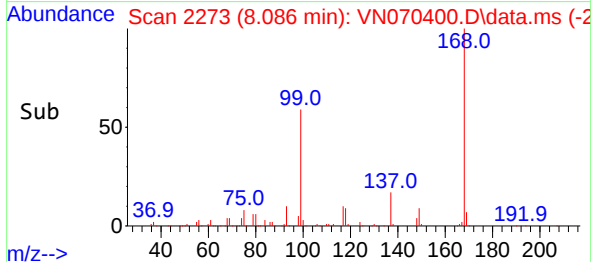
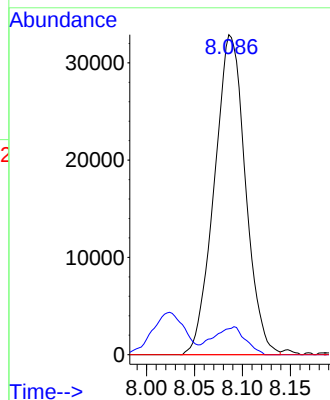
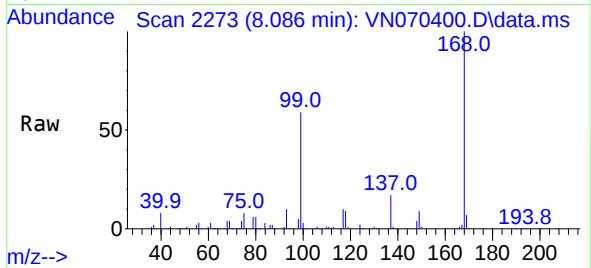




#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.134 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

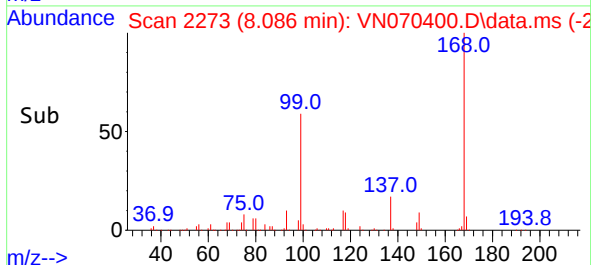
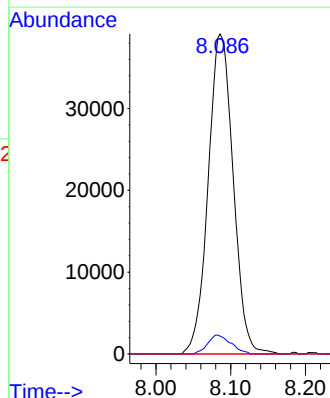
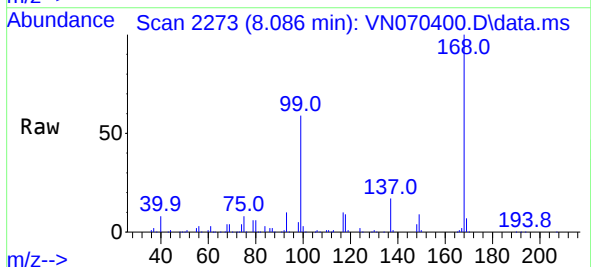
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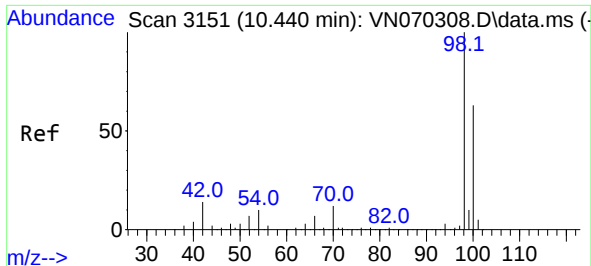
Tgt Ion: 75 Resp: 74194
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.049 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

Tgt Ion: 117 Resp: 90900
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#

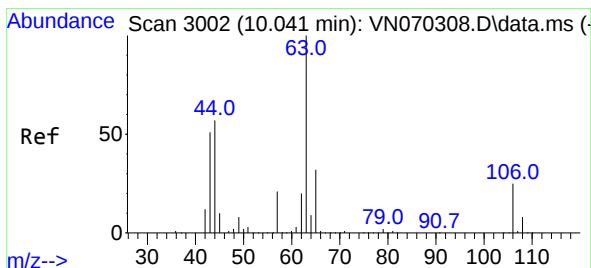
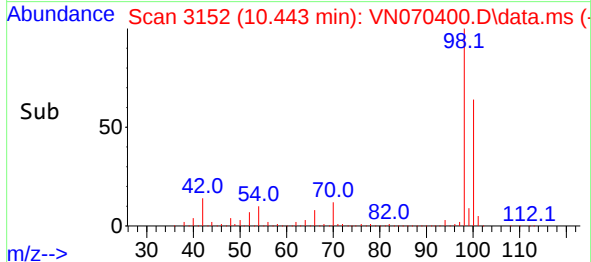
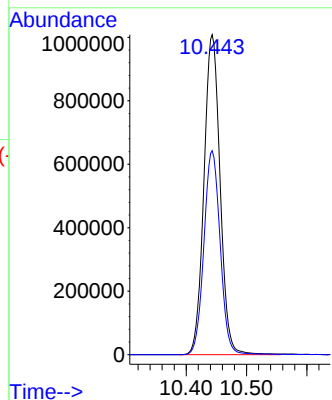
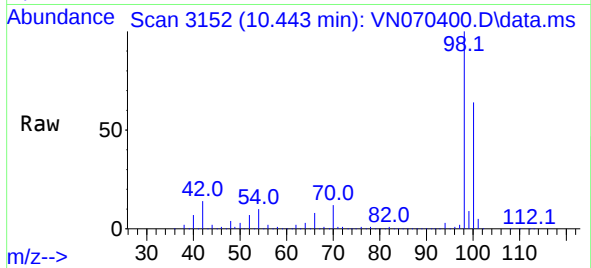




#50
Toluene-d8
Concen: 48.307 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

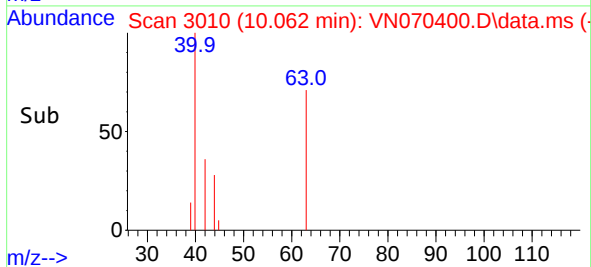
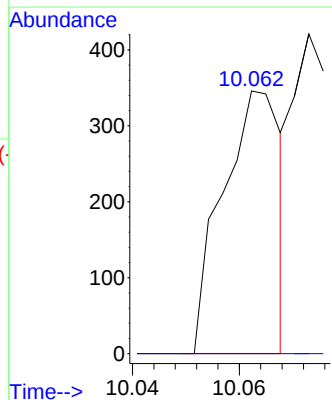
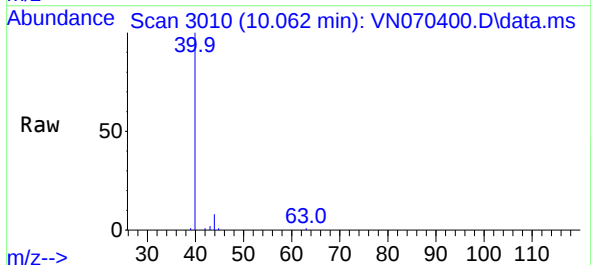
Instrument :
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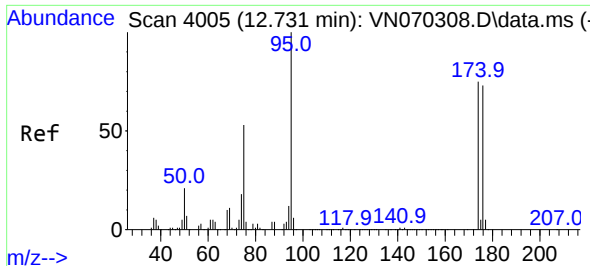
Tgt Ion: 98 Resp: 1877390
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#58
2-Chloroethyl Vinyl ether
Concen: 18.563 ug/l
RT: 10.062 min Scan# 3010
Delta R.T. 0.021 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

Tgt Ion: 63 Resp: 261
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

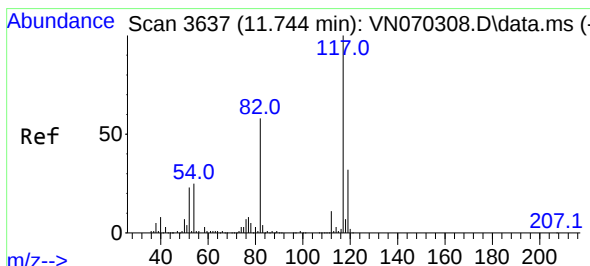
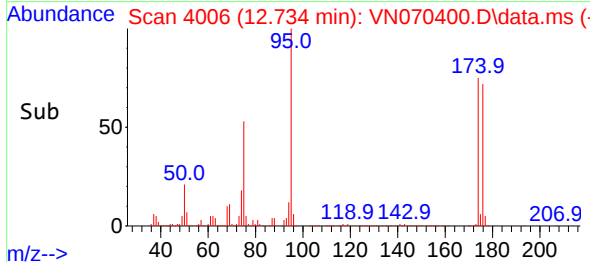
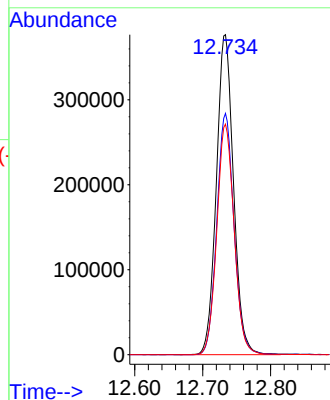
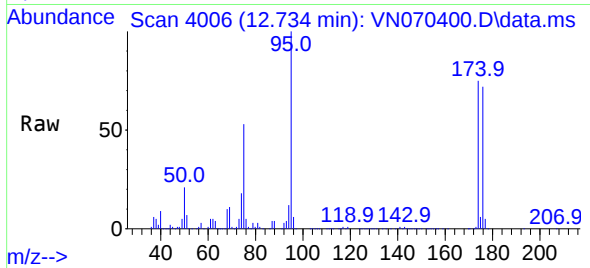




#62
4-Bromofluorobenzene
Concen: 47.133 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

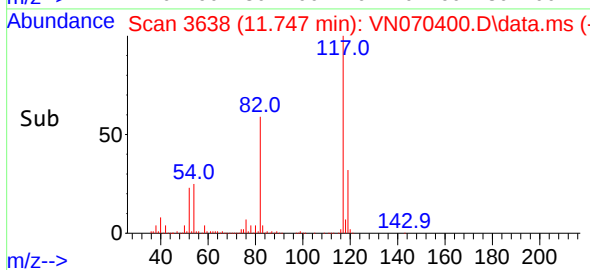
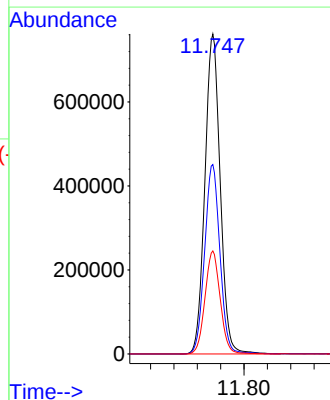
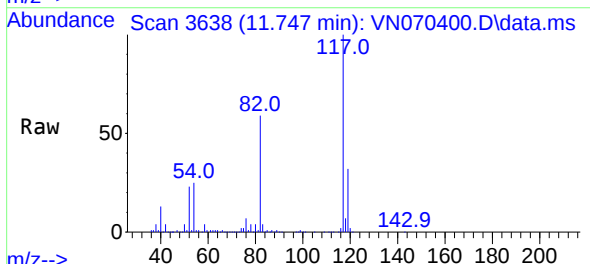
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

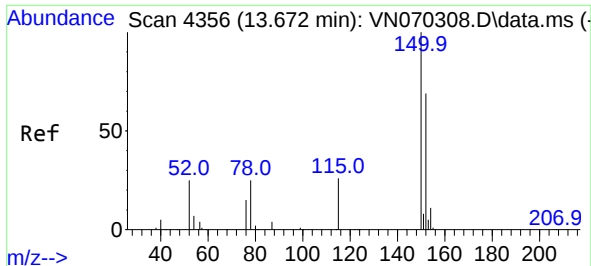
Tgt Ion: 95 Resp: 661595
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

Tgt Ion: 117 Resp: 1385869
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.2 25.4 38.2

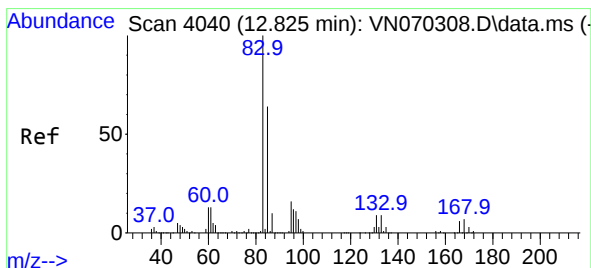
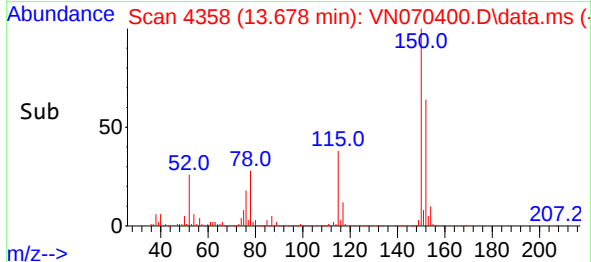
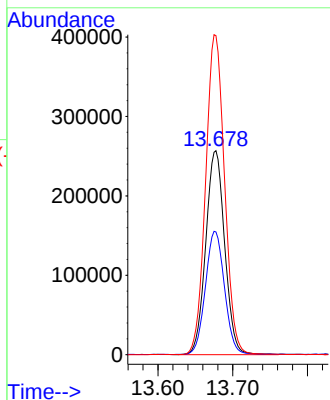
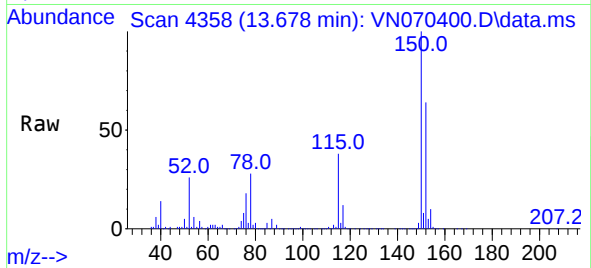




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN070400.D
 Acq: 30 Dec 2021 15:33

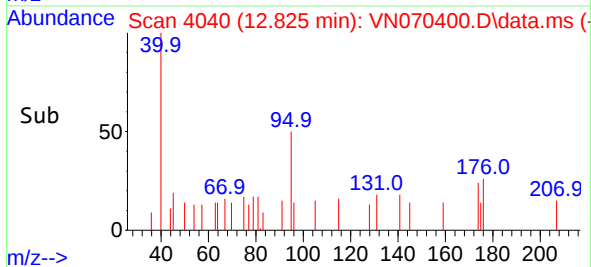
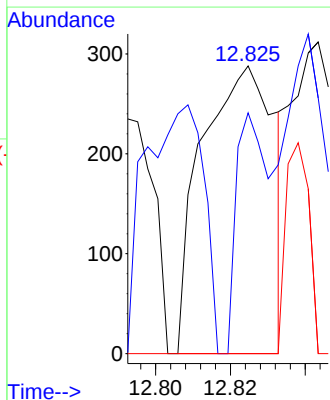
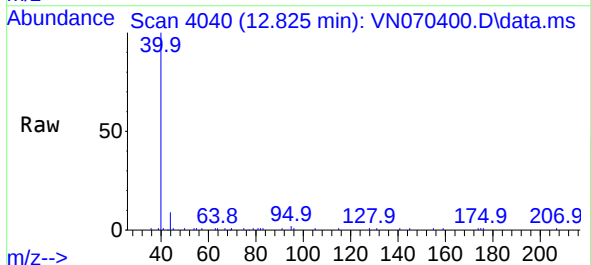
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

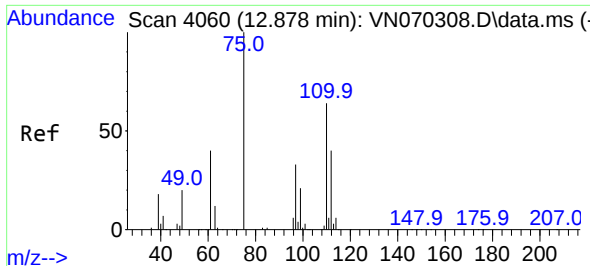
Tgt Ion:152 Resp: 453463
 Ion Ratio Lower Upper
 152 100
 115 60.8 27.5 82.5
 150 156.5 0.0 344.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.472 ug/l
 RT: 12.825 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VN070400.D
 Acq: 30 Dec 2021 15:33

Tgt Ion: 83 Resp: 386
 Ion Ratio Lower Upper
 83 100
 131 34.7 5.5 16.5#
 85 0.0 32.4 97.2#

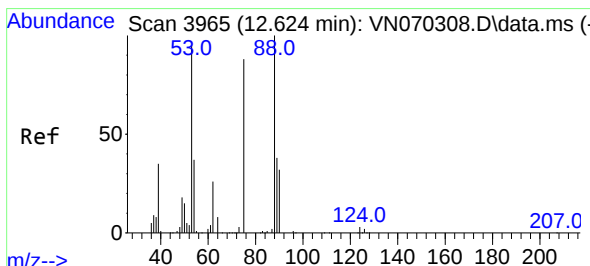
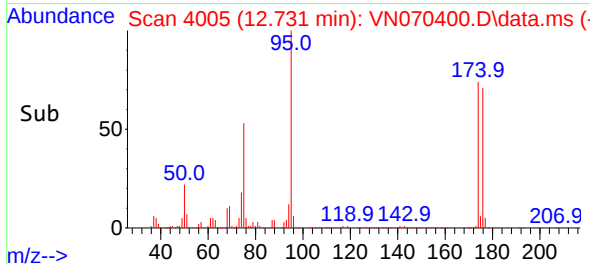
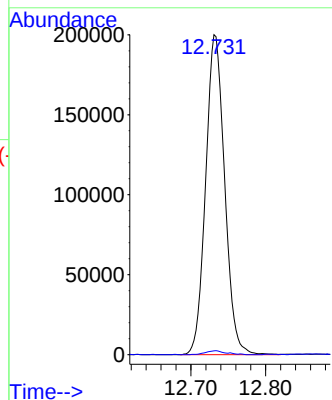
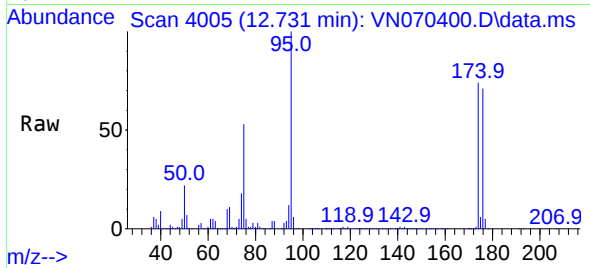




#76
1,2,3-Trichloropropane
Concen: 27.637 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

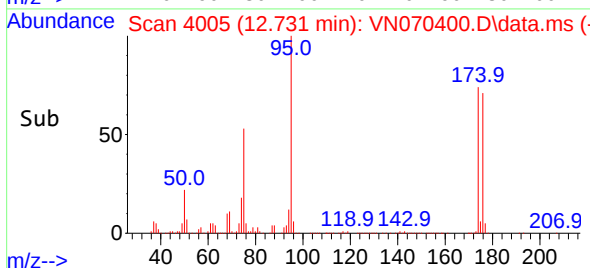
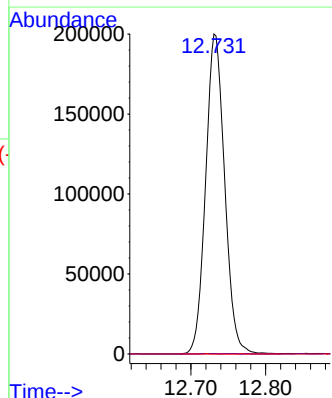
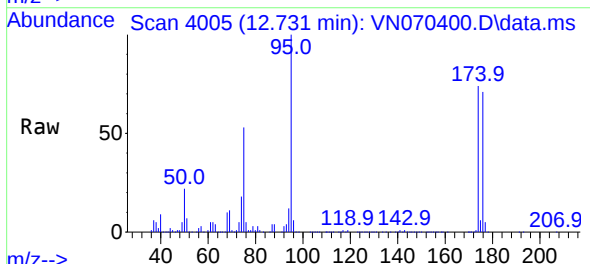
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

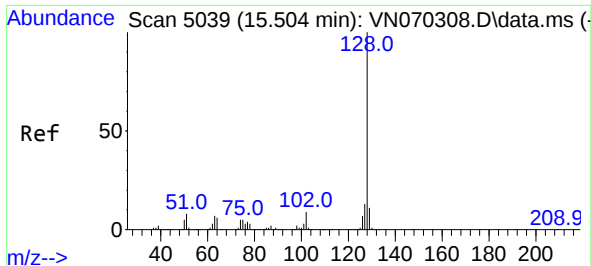
Tgt Ion: 75 Resp: 353661
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.287 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

Tgt Ion: 75 Resp: 353661
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

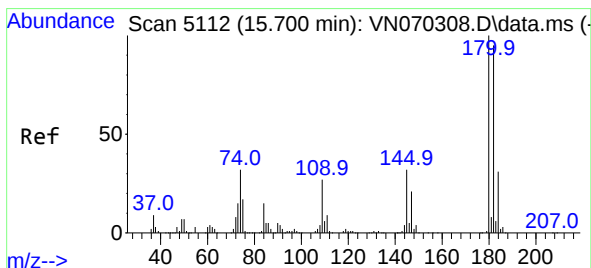
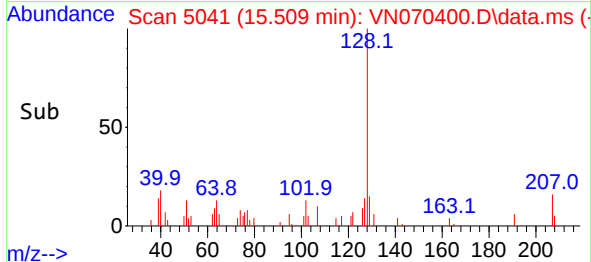
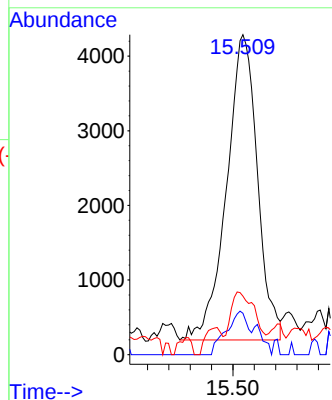
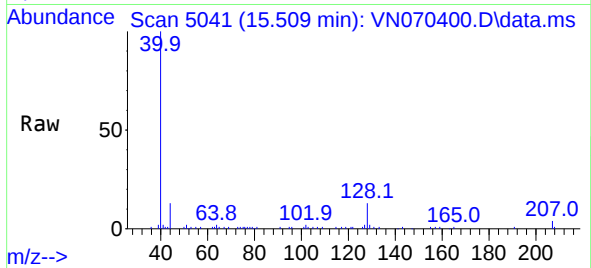




#95
Naphthalene
Concen: 2.179 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:128 Resp: 8190
Ion Ratio Lower Upper
128 100
127 10.1 10.5 15.7#
129 13.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.961 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070400.D
Acq: 30 Dec 2021 15:33

Tgt Ion:180 Resp: 982
Ion Ratio Lower Upper
180 100
182 100.7 47.4 142.2
145 13.7 15.0 45.1#

