

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023969.D
 Acq On : 26 Aug 2021 16:43
 Operator : JC/MD
 Sample : M3535-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-06-GW-082321

Quant Time: Aug 27 05:58:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

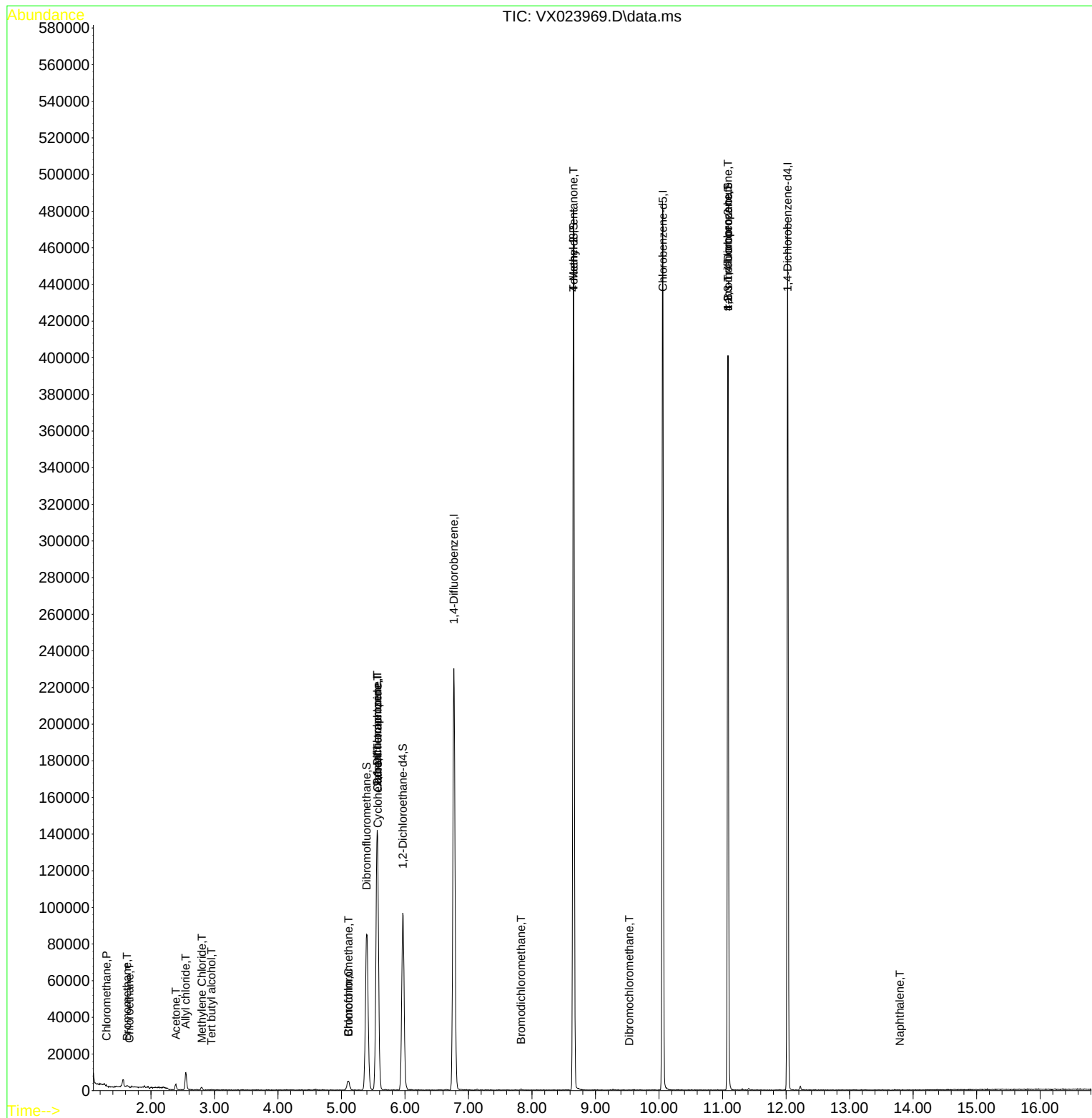
Internal Standards						
1) Pentafluorobenzene	5.562	168	132700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	215837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96984	52.365	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.740%			
35) Dibromofluoromethane	5.397	113	75275	50.091	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.180%			
50) Toluene-d8	8.653	98	276375	48.320	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.640%			
62) 4-Bromofluorobenzene	11.085	95	97522	46.316	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.640%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	460	0.299	ug/l #	78
5) Bromomethane	1.624	94	572	0.607	ug/l	92
6) Chloroethane	1.660	64	71	2.272	ug/l #	43
11) Tert butyl alcohol	2.953	59	132	0.352	ug/l #	73
14) Allyl chloride	2.544	41	1142	0.487	ug/l #	42
16) Acetone	2.392	43	3135	3.786	ug/l	93
20) Methylene Chloride	2.800	84	541	0.342	ug/l #	93
28) Bromochloromethane	5.111	49	416	0.352	ug/l #	9
30) Chloroform	5.111	83	6070	2.204	ug/l	92
31) Cyclohexane	5.574	56	3214	1.351	ug/l #	37
36) 1,1-Dichloropropene	5.562	75	10880	5.174	ug/l #	49
38) Carbon Tetrachloride	5.568	117	13763	6.277	ug/l #	15
47) Bromodichloromethane	7.830	83	511	0.246	ug/l #	46
51) 4-Methyl-2-Pentanone	8.653	43	1703	0.652	ug/l #	1
60) Dibromochloromethane	9.531	129	28	1.703	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	54161	24.947	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54161	73.384	ug/l #	12
95) Naphthalene	13.792	128	25	1.286	ug/l #	69

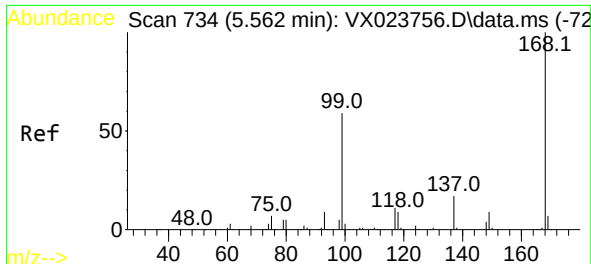
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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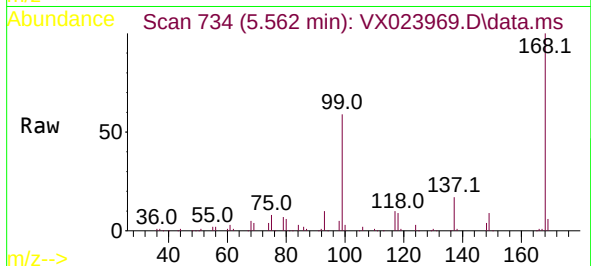
Quant Time: Aug 27 05:58:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
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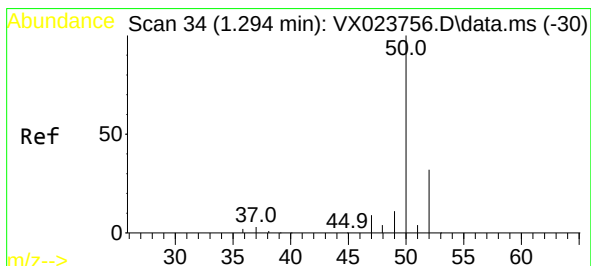
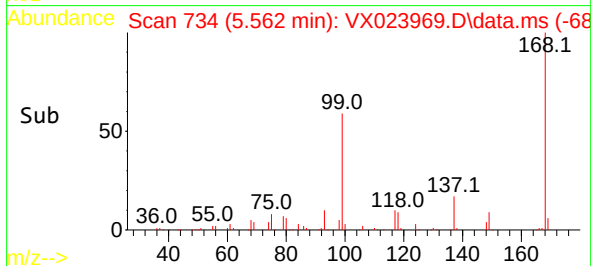
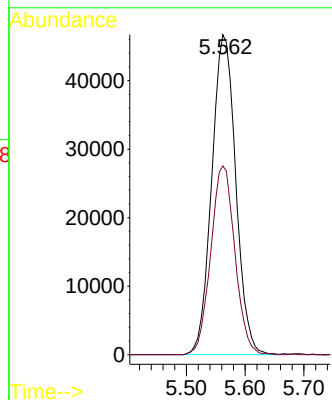


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-06-GW-082321

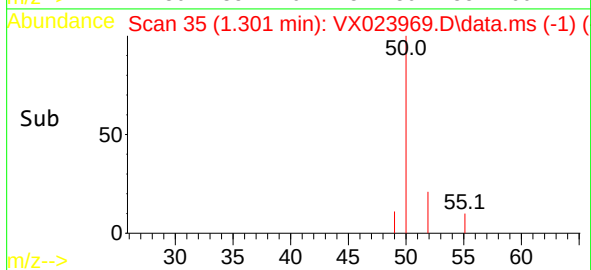
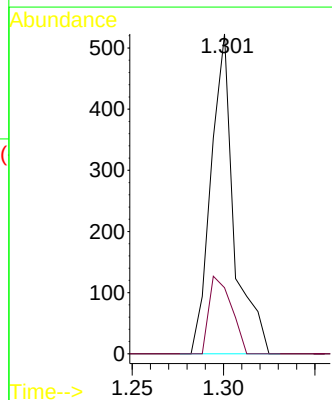
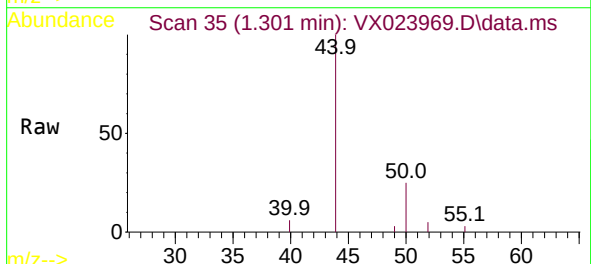


Tgt Ion:168 Resp: 132700
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6

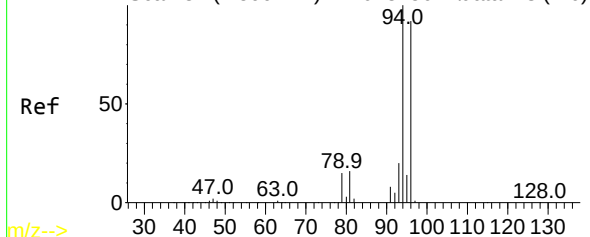


#3
Chloromethane
Concen: 0.299 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Tgt Ion: 50 Resp: 460
Ion Ratio Lower Upper
50 100
52 20.7 26.4 39.6#



Abundance Scan 84 (1.599 min): VX023756.D\data.ms (-76)

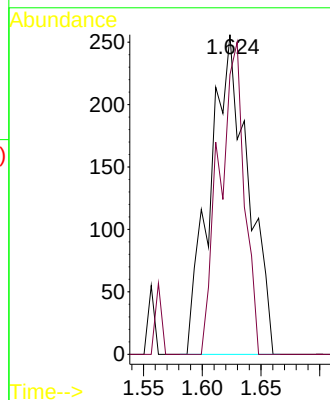
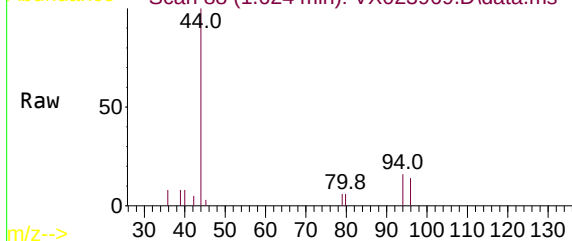


#5
Bromomethane
Concen: 0.607 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

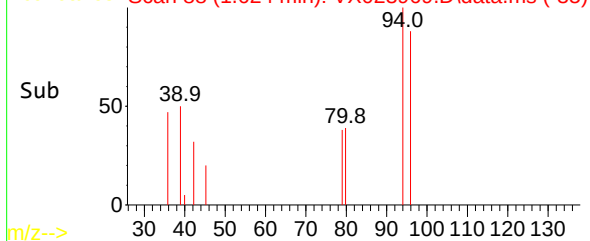
Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 87.5 76.4 114.6

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-06-GW-082321

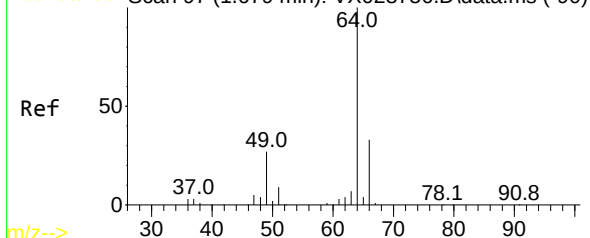
Abundance Scan 88 (1.624 min): VX023969.D\data.ms



Abundance Scan 88 (1.624 min): VX023969.D\data.ms (-35)



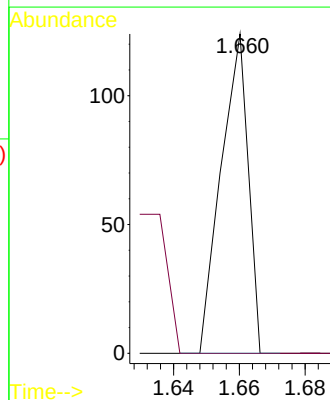
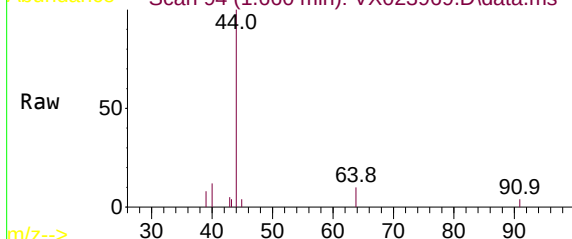
Abundance Scan 97 (1.679 min): VX023756.D\data.ms (-90)



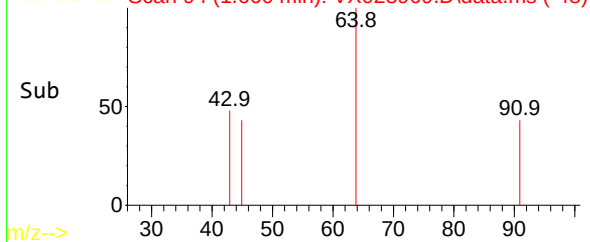
#6
Chloroethane
Concen: 2.272 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

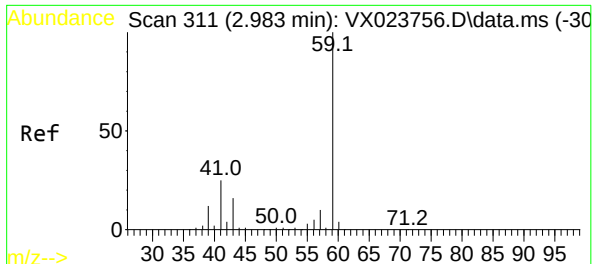
Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

Abundance Scan 94 (1.660 min): VX023969.D\data.ms



Abundance Scan 94 (1.660 min): VX023969.D\data.ms (-48)



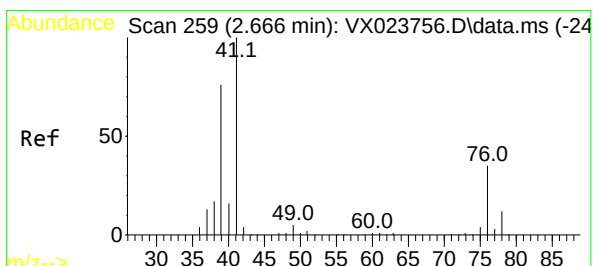
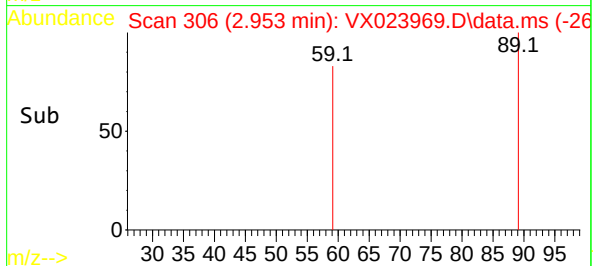
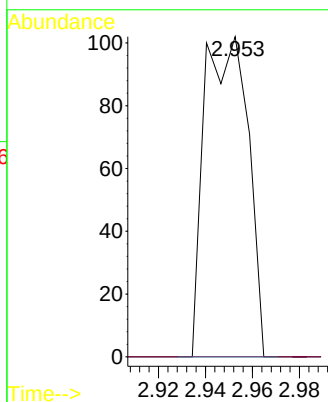
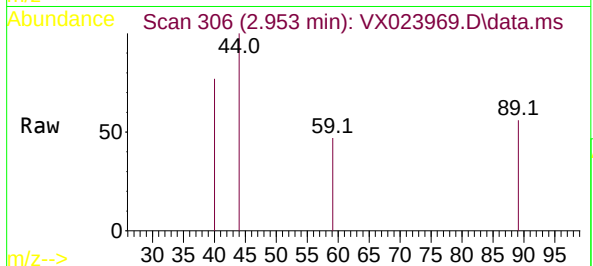


#11

Tert butyl alcohol
Concen: 0.352 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-06-GW-082321

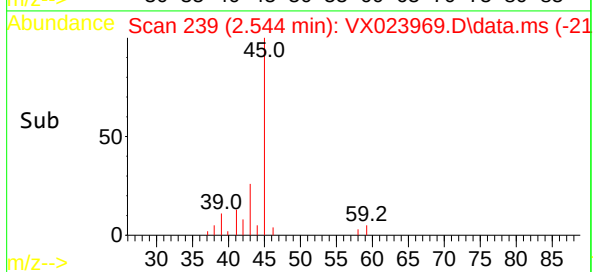
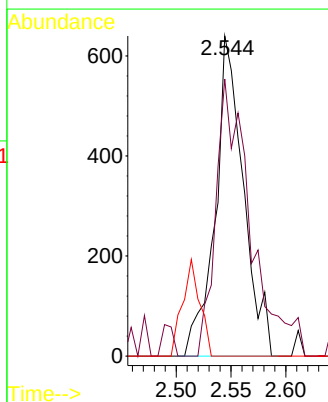
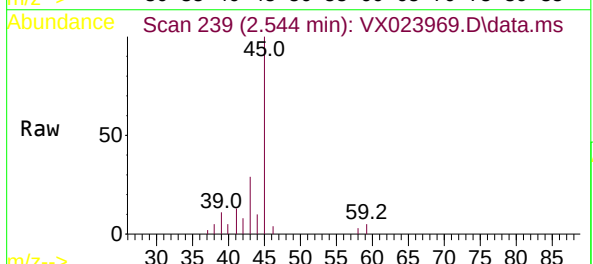
Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

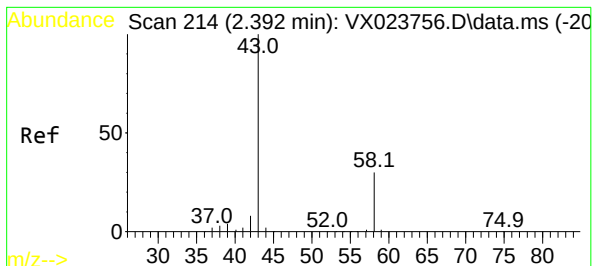


#14

Allyl chloride
Concen: 0.487 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Tgt Ion: 41 Resp: 1142
Ion Ratio Lower Upper
41 100
39 107.1 51.6 77.4#
76 0.0 30.5 45.7#





#16

Acetone

Concen: 3.786 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX023969.D

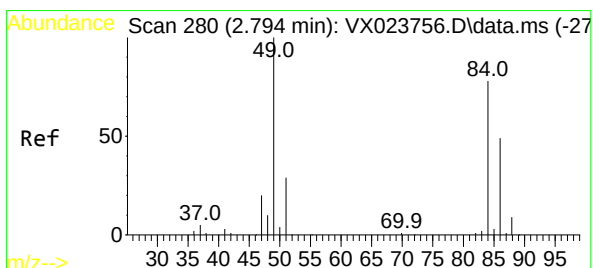
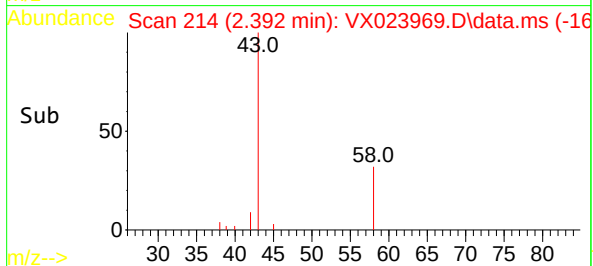
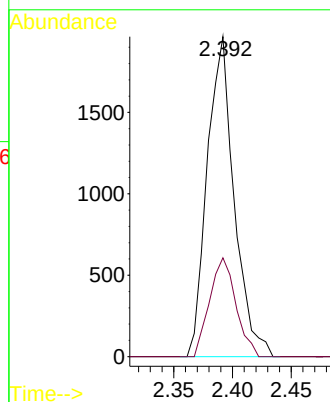
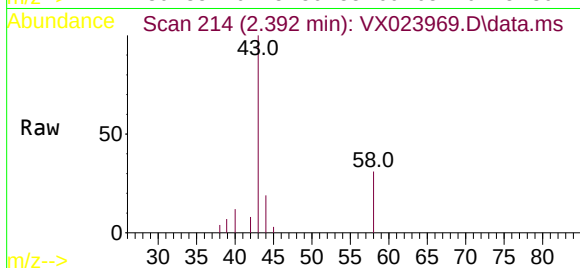
Acq: 26 Aug 2021 16:43

Tgt Ion: 43 Resp: 3135

Ion Ratio Lower Upper

43 100

58 30.9 27.8 41.8



#20

Methylene Chloride

Concen: 0.342 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX023969.D

Acq: 26 Aug 2021 16:43

Tgt Ion: 84 Resp: 541

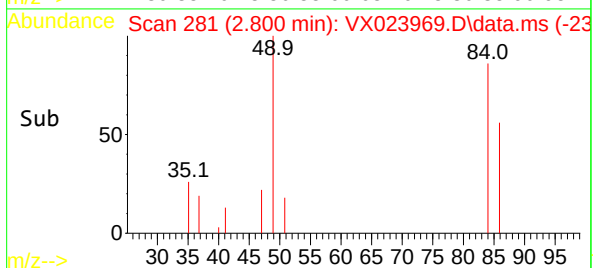
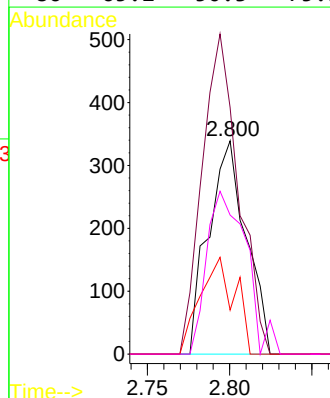
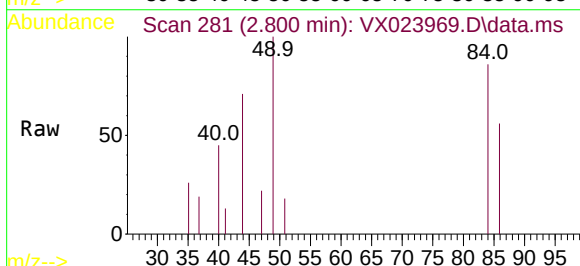
Ion Ratio Lower Upper

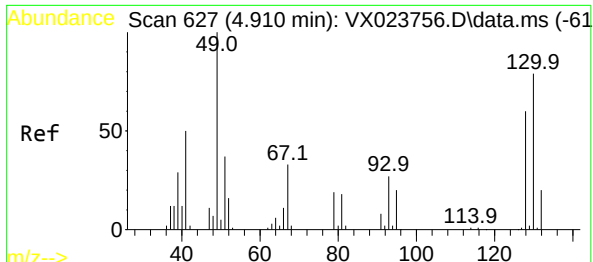
84 100

49 115.6 88.6 132.8

51 20.6 27.0 40.6#

86 65.2 50.3 75.5

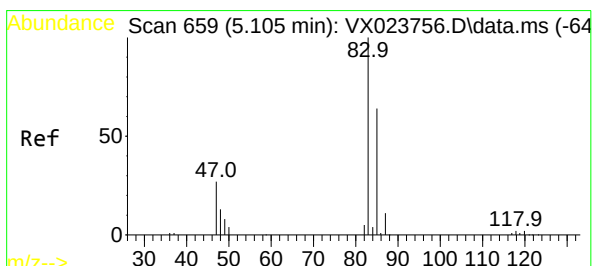
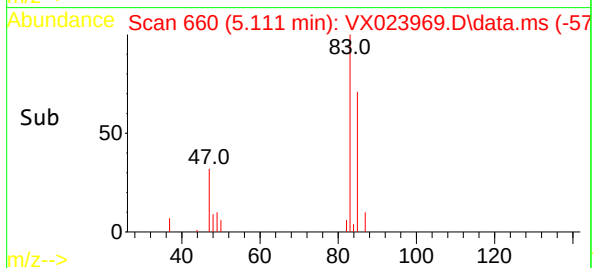
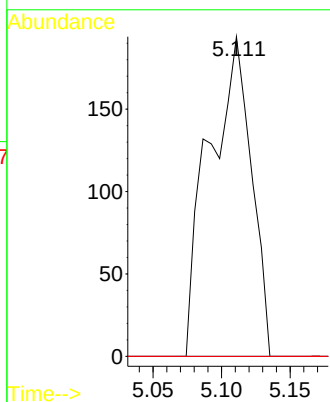
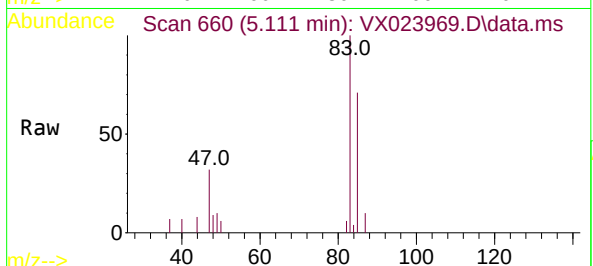




#28
Bromochloromethane
Concen: 0.352 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.201 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

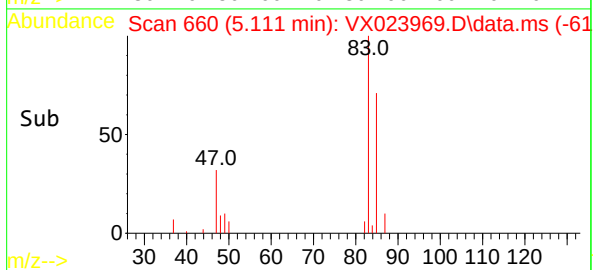
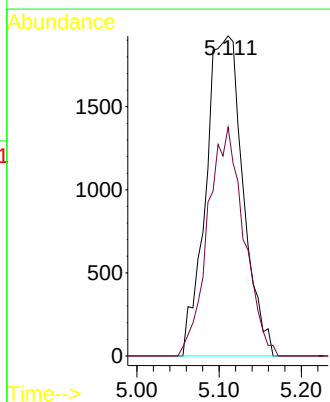
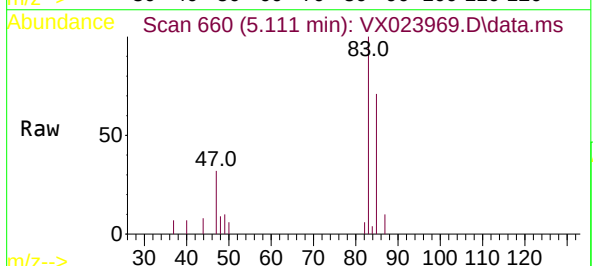
Instrument :
MSVOA_X
ClientSampleId :
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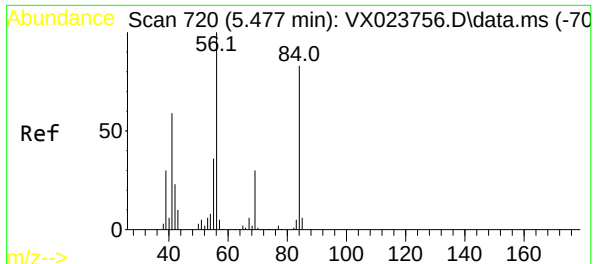
Tgt Ion: 49 Resp: 416
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 2.204 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

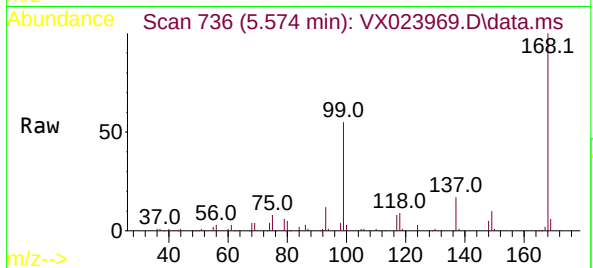
Tgt Ion: 83 Resp: 6070
Ion Ratio Lower Upper
83 100
85 71.5 52.0 78.0



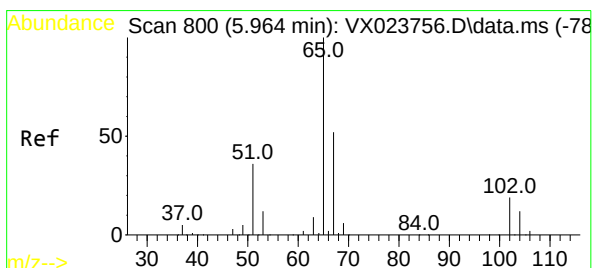
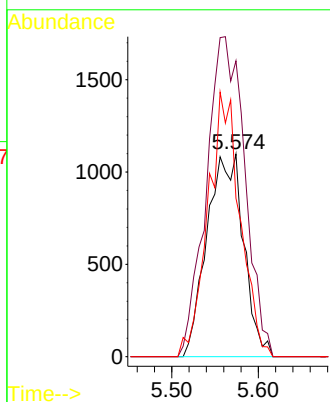
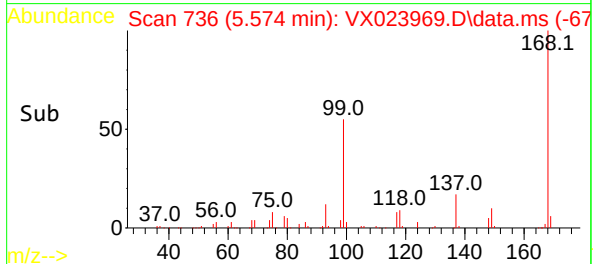


#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.097 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

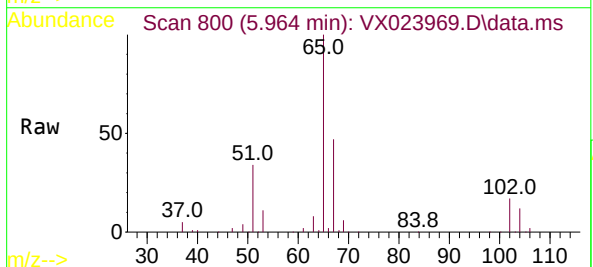
Instrument :
MSVOA_X
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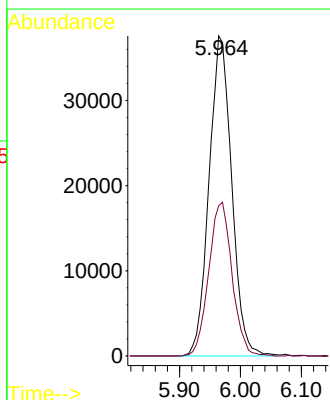
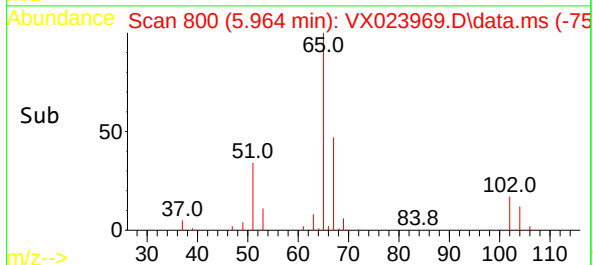
Tgt Ion: 56 Resp: 3214
Ion Ratio Lower Upper
56 100
69 146.0 25.3 37.9#
84 78.2 71.4 107.0

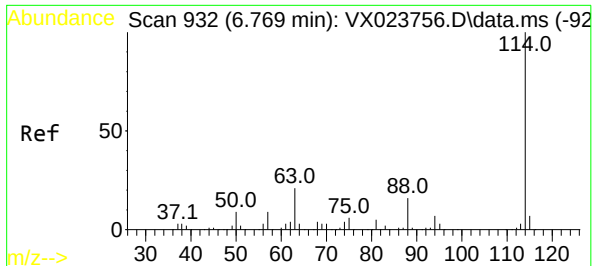


#33
1,2-Dichloroethane-d4
Concen: 52.365 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43



Tgt Ion: 65 Resp: 96984
Ion Ratio Lower Upper
65 100
67 49.4 0.0 105.4

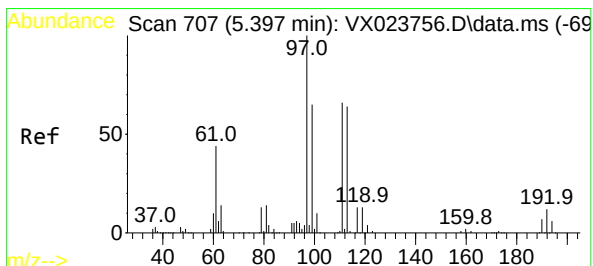
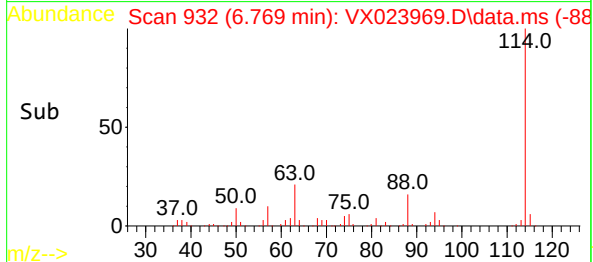
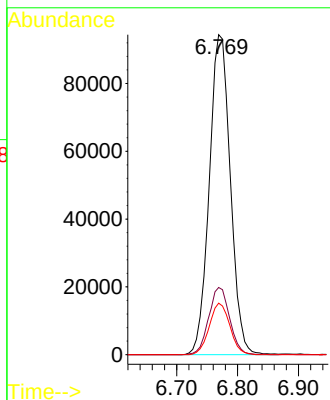
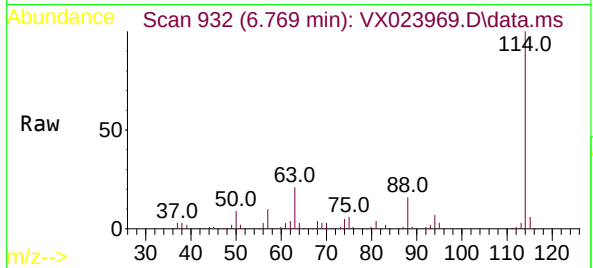




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

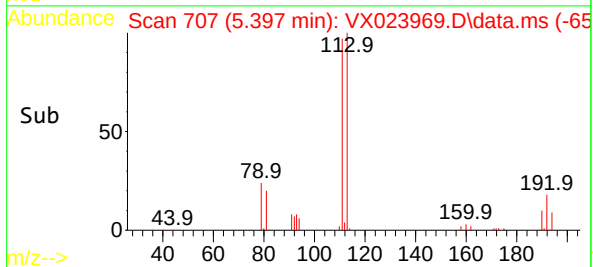
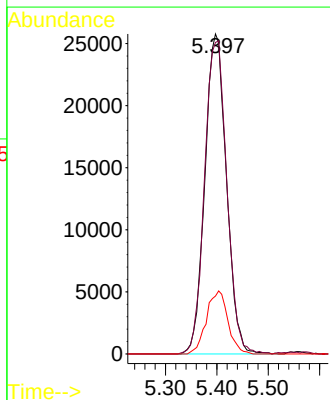
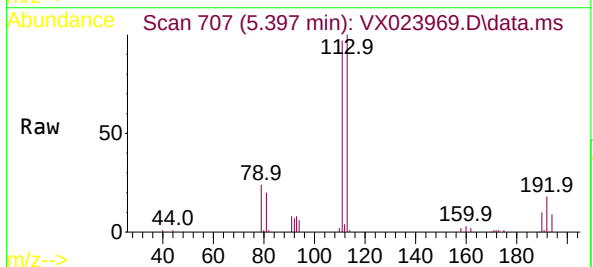
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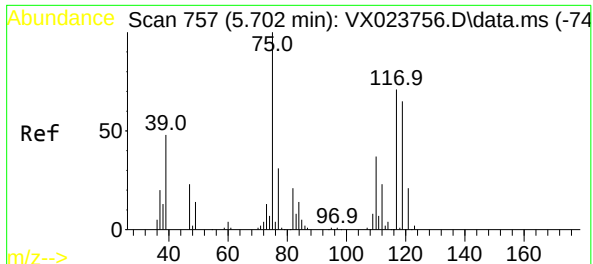
Tgt Ion:114 Resp: 227049
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.091 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Tgt Ion:113 Resp: 75275
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.6 16.7 25.1

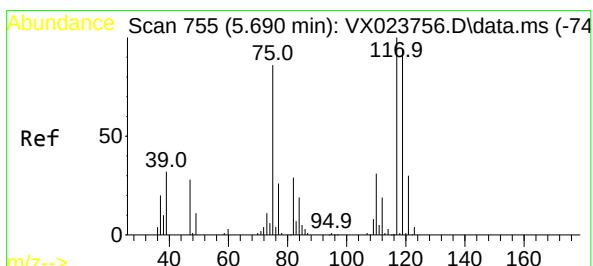
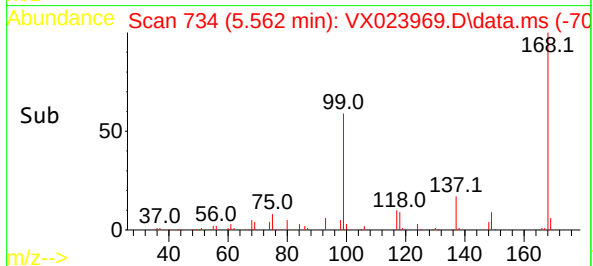
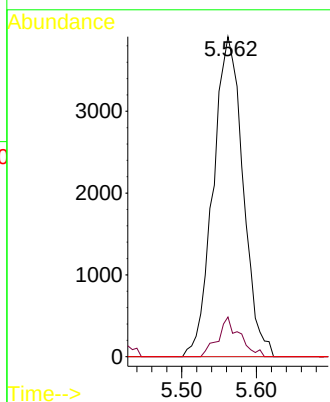
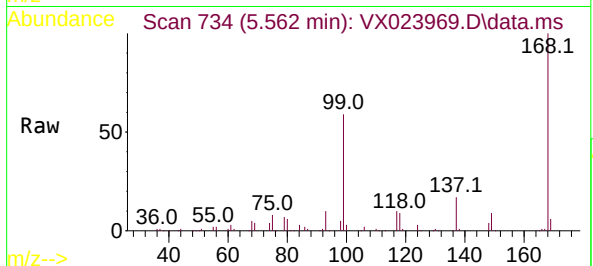




#36
1,1-Dichloropropene
Concen: 5.174 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

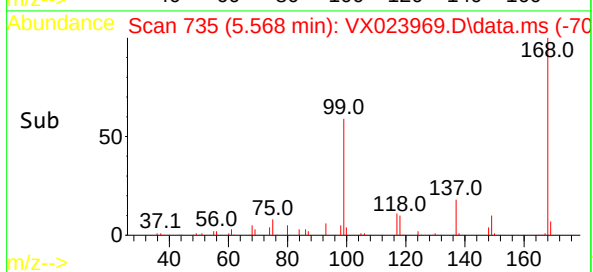
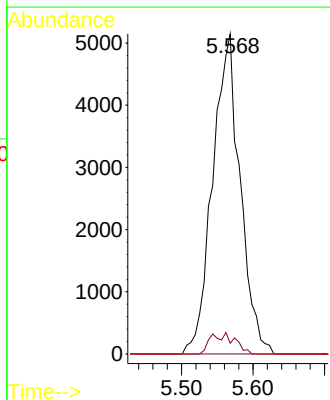
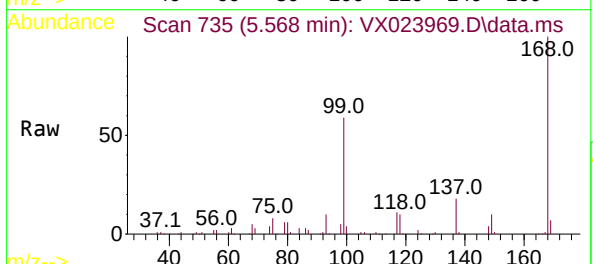
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-06-GW-082321

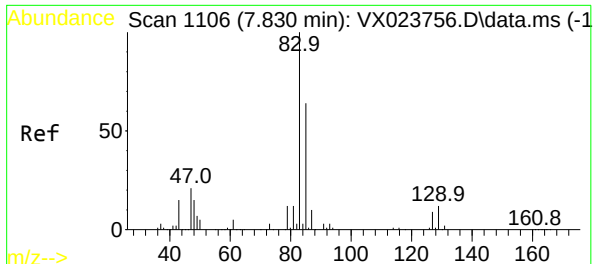
Tgt Ion: 75 Resp: 10880
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.277 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Tgt Ion: 117 Resp: 13763
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#

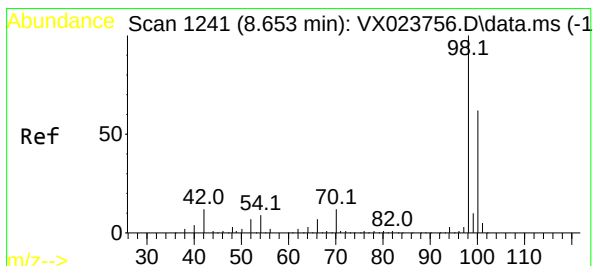
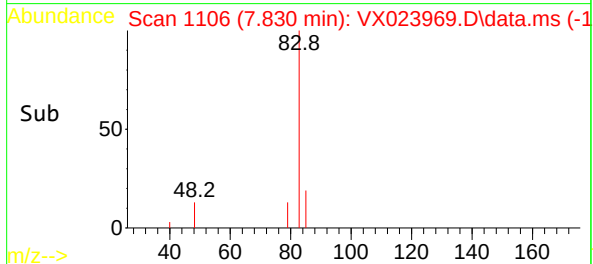
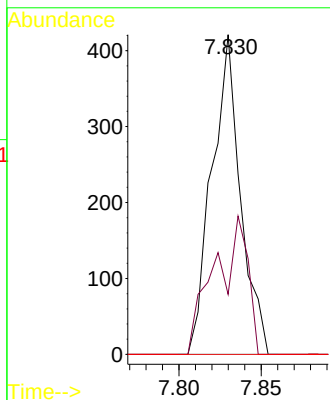
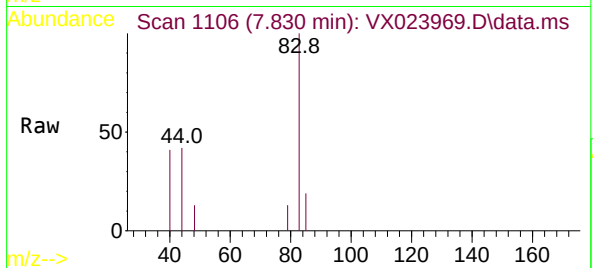




#47
Bromodichloromethane
Concen: 0.246 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

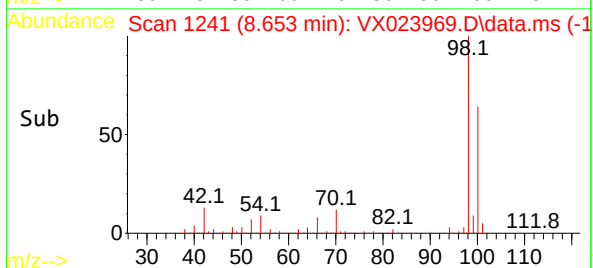
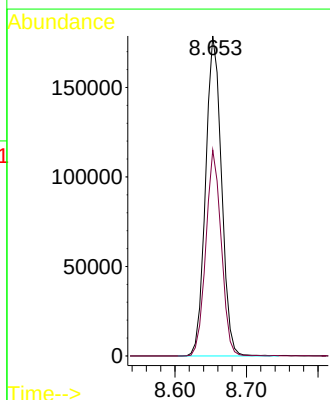
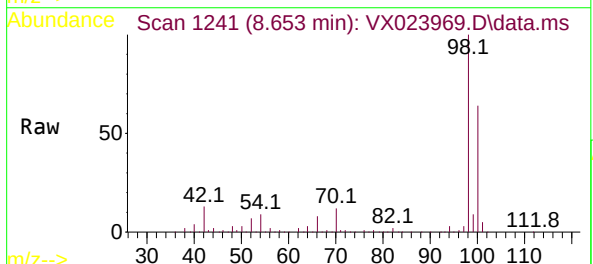
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-06-GW-082321

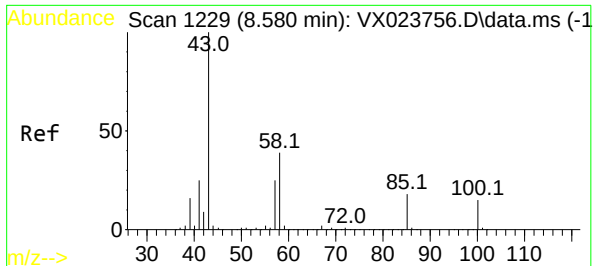
Tgt Ion: 83 Resp: 511
Ion Ratio Lower Upper
83 100
85 18.8 51.4 77.0#
127 0.0 6.8 10.2#



#50
Toluene-d8
Concen: 48.320 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Tgt Ion: 98 Resp: 276375
Ion Ratio Lower Upper
98 100
100 62.1 51.9 77.9

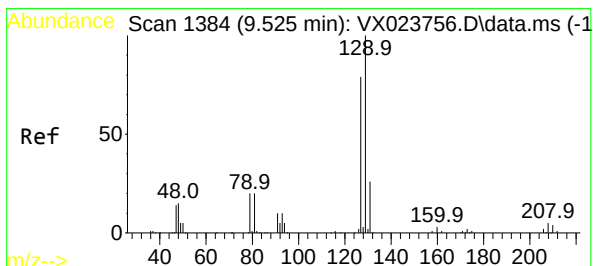
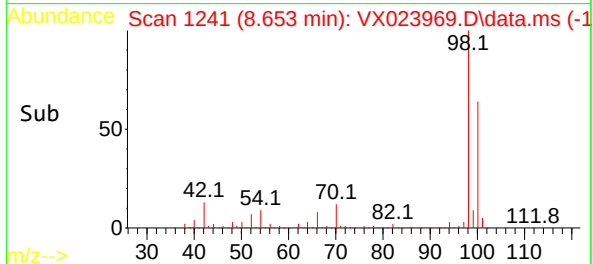
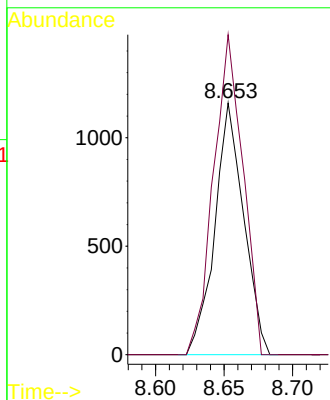
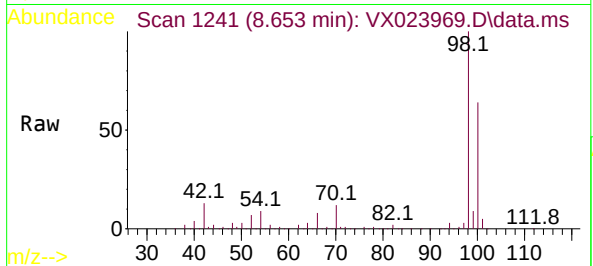




#51
4-Methyl-2-Pentanone
Concen: 0.652 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

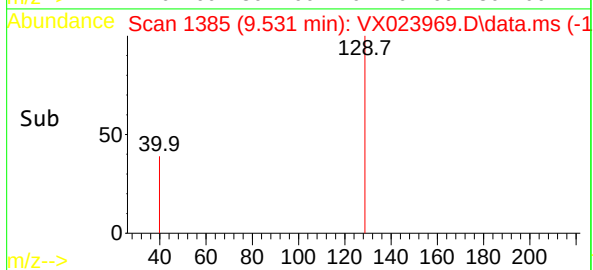
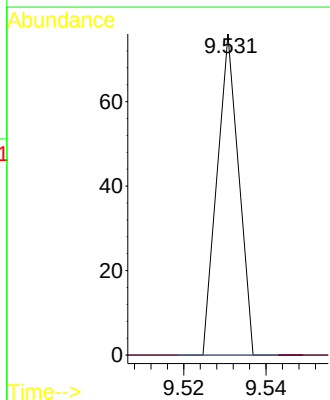
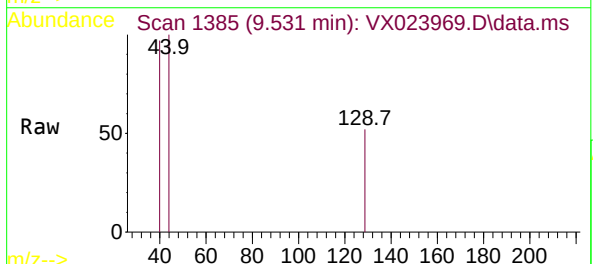
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-06-GW-082321

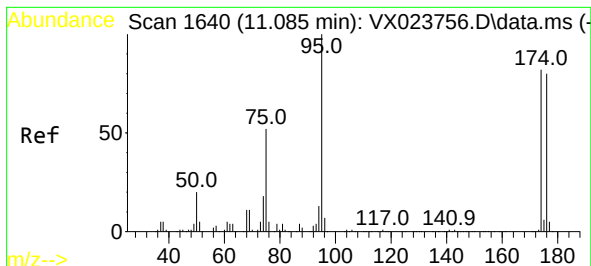
Tgt Ion: 43 Resp: 1703
Ion Ratio Lower Upper
43 100
58 129.7 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.703 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Tgt Ion: 129 Resp: 28
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

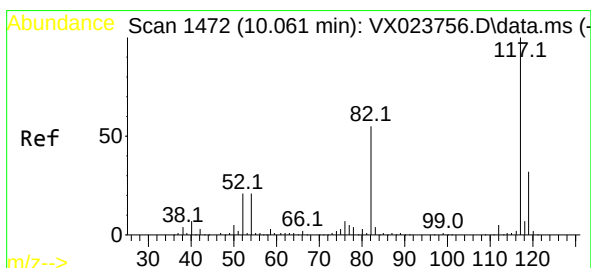
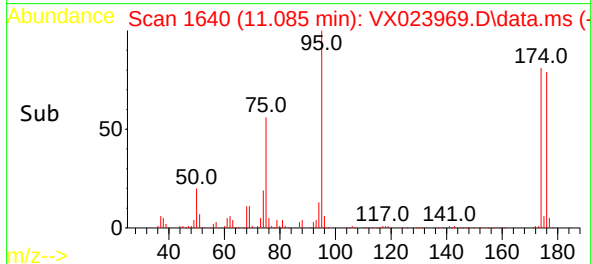
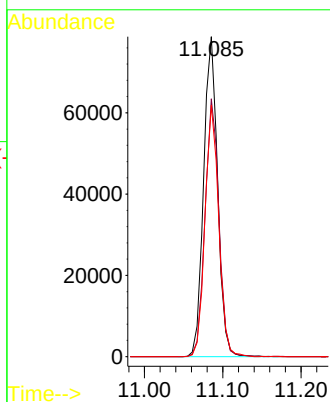
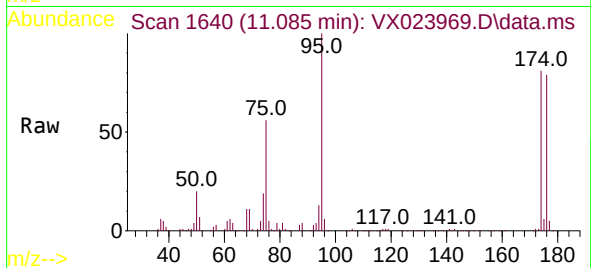




#62
4-Bromofluorobenzene
Concen: 46.316 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

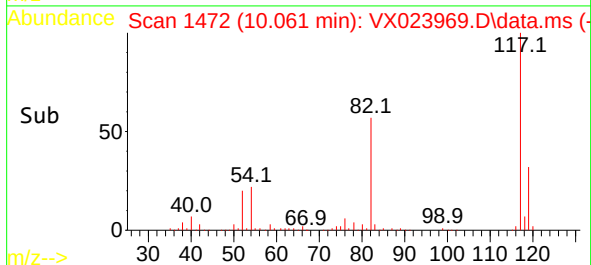
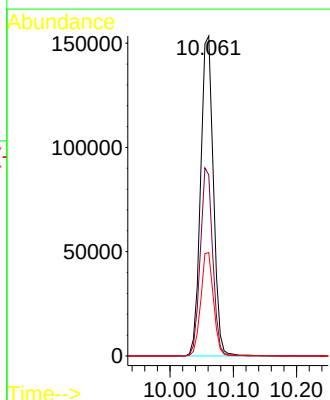
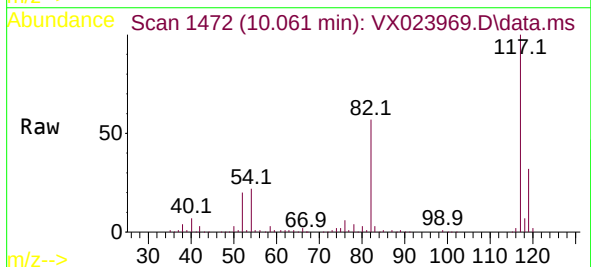
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-06-GW-082321

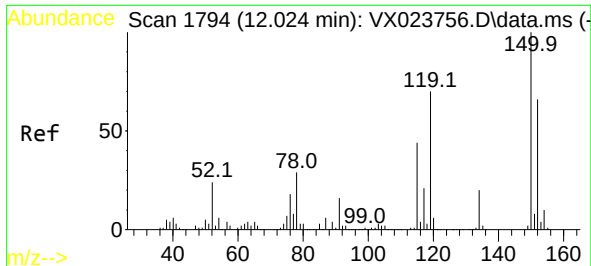
Tgt Ion: 95 Resp: 97522
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 77.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Tgt Ion: 117 Resp: 215837
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 32.3 26.6 39.8

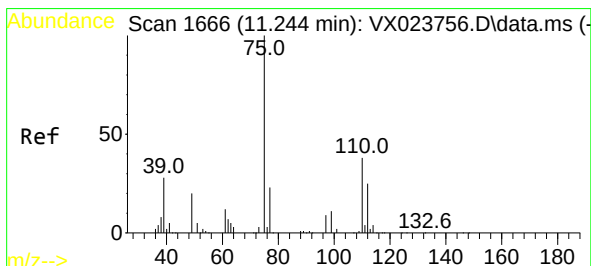
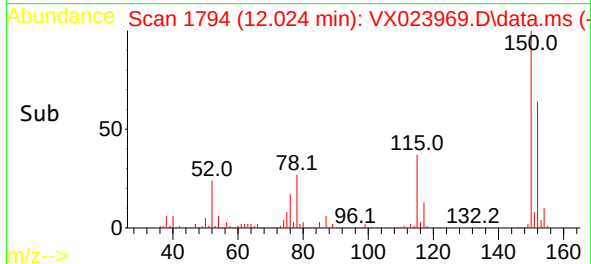
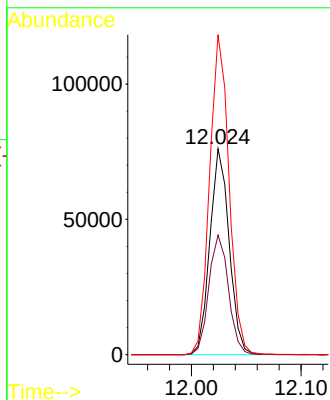
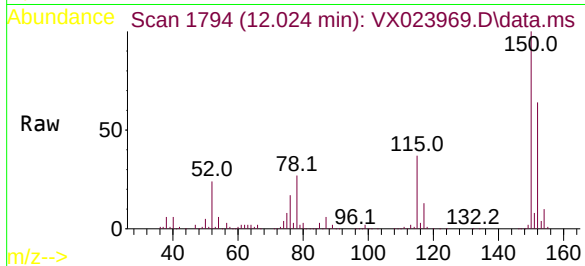




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

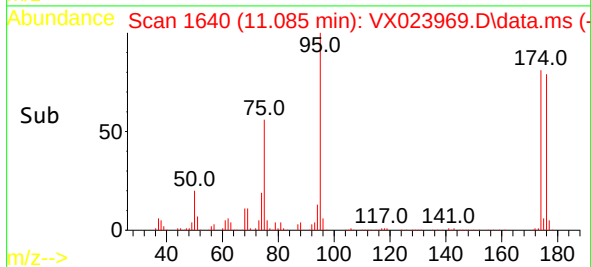
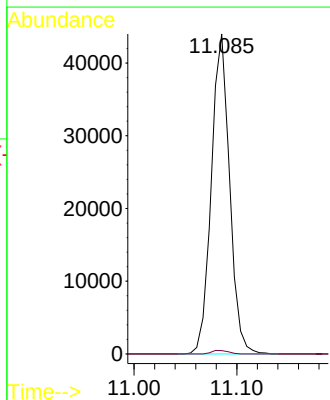
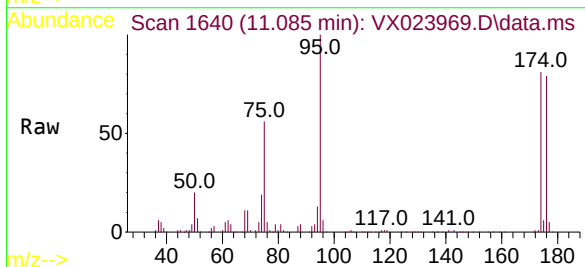
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-06-GW-082321

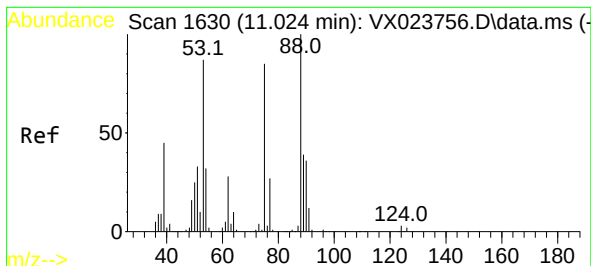
Tgt Ion:152 Resp: 93067
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 156.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.947 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Tgt Ion: 75 Resp: 54161
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

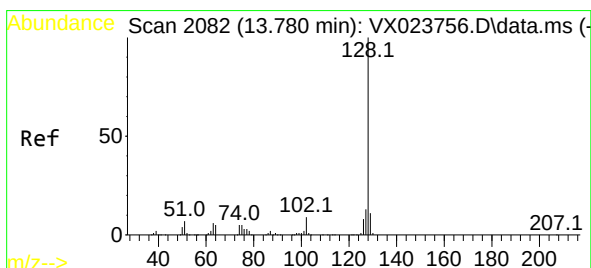
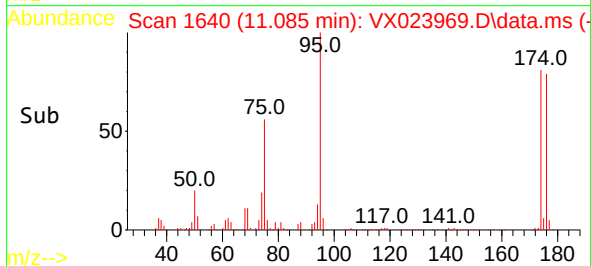
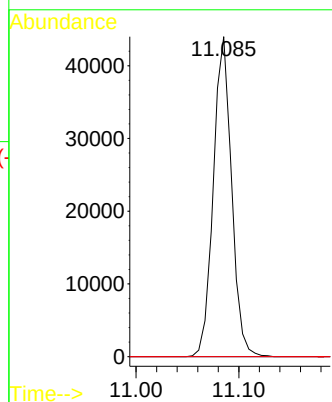
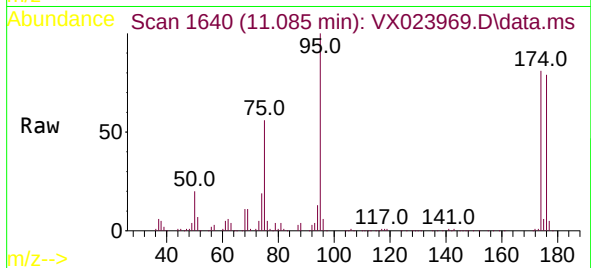




#81
trans-1,4-Dichloro-2-butene
Concen: 73.384 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-06-GW-082321

Tgt Ion: 75 Resp: 54161
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.286 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX023969.D
Acq: 26 Aug 2021 16:43

Tgt Ion: 128 Resp: 25
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

