

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023967.D
 Acq On : 26 Aug 2021 15:56
 Operator : JC/MD
 Sample : M3535-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-EB-082421

Quant Time: Aug 27 05:57:25 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)

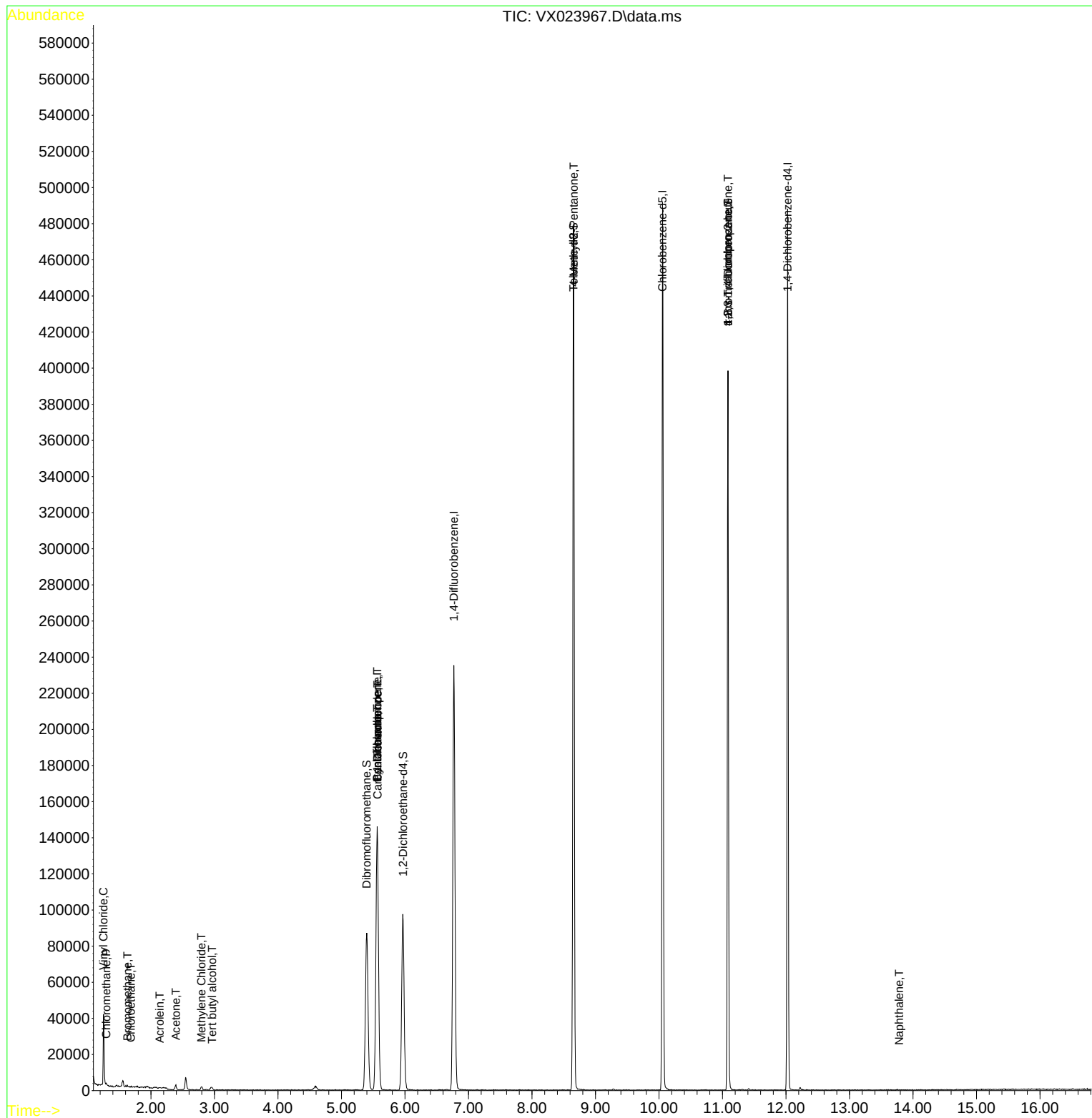
Internal Standards						
1) Pentafluorobenzene	5.562	168	134714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	97785	52.008	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.020%	
35) Dibromofluoromethane	5.397	113	74762	49.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.080%	
50) Toluene-d8	8.653	98	271764	46.833	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.660%	
62) 4-Bromofluorobenzene	11.085	95	97194	45.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.000%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	421	0.270	ug/l	92
4) Vinyl Chloride	1.252	62	364	0.239	ug/l #	1
5) Bromomethane	1.630	94	561	0.586	ug/l #	60
6) Chloroethane	1.685	64	157	2.335	ug/l #	43
11) Tert butyl alcohol	2.965	59	1195	3.143	ug/l #	73
13) Acrolein	2.136	56	68	0.301	ug/l #	14
16) Acetone	2.392	43	2623	3.120	ug/l #	87
20) Methylene Chloride	2.794	84	962	0.599	ug/l	92
31) Cyclohexane	5.562	56	3033	1.256	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	10889	5.104	ug/l #	49
38) Carbon Tetrachloride	5.568	117	14068	6.324	ug/l #	17
51) 4-Methyl-2-Pentanone	8.659	43	1376	0.519	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	53081	24.559	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53081	72.241	ug/l #	12
95) Naphthalene	13.780	128	51	1.290	ug/l #	69

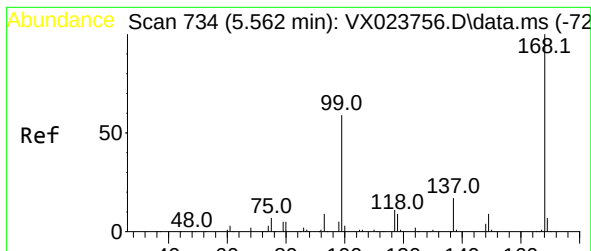
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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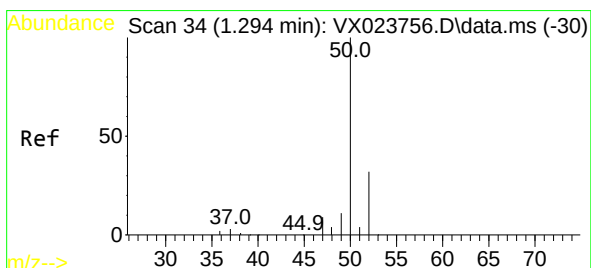
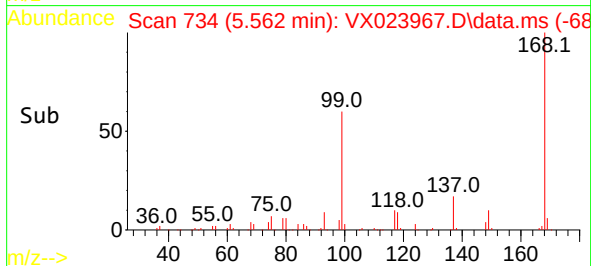
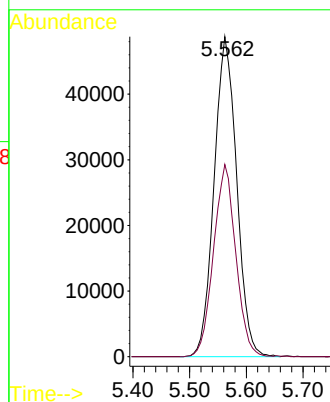
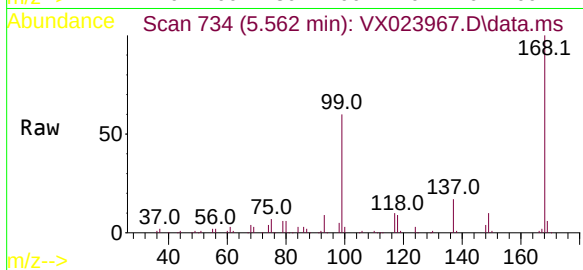




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

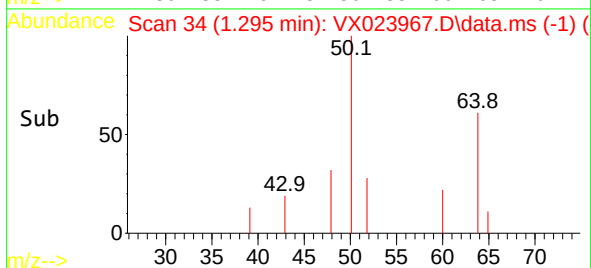
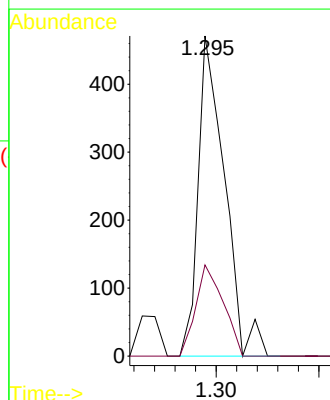
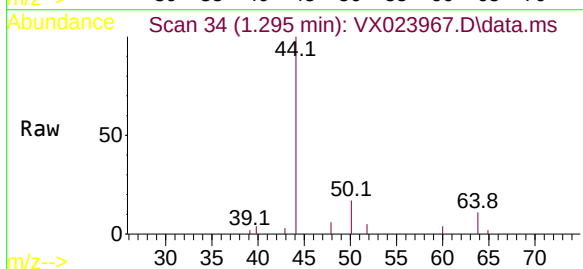
Instrument :
MSVOA_X
ClientSampleId :
WVLY-EB-082421

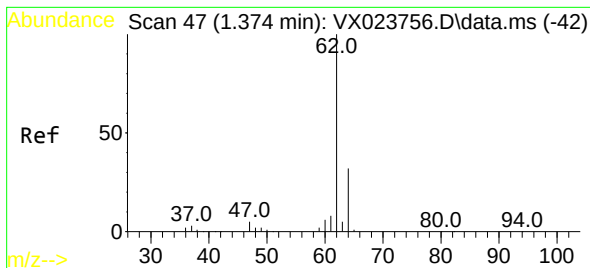
Tgt Ion:168 Resp: 134714
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Tgt Ion: 50 Resp: 421
Ion Ratio Lower Upper
50 100
52 28.5 26.4 39.6

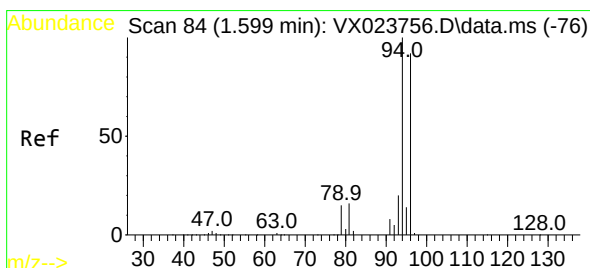
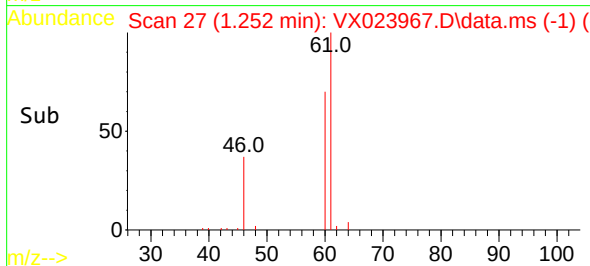
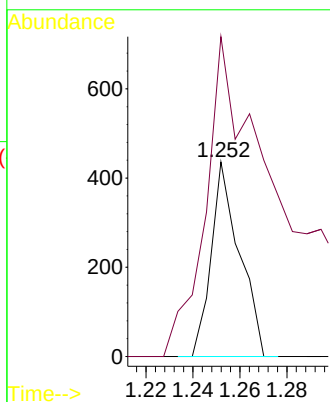
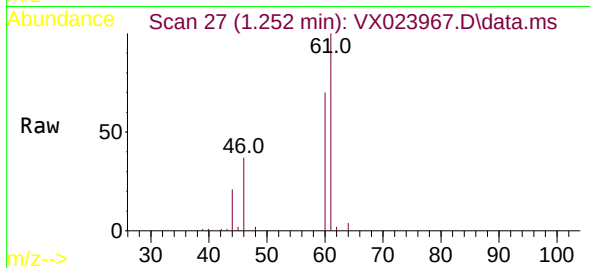




#4
Vinyl Chloride
Concen: 0.239 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

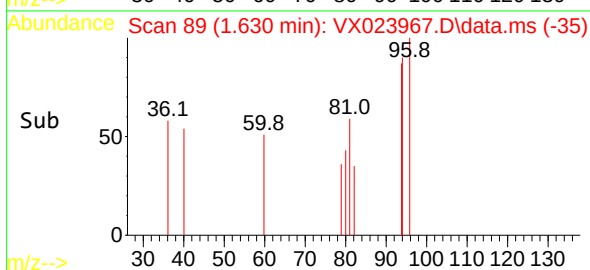
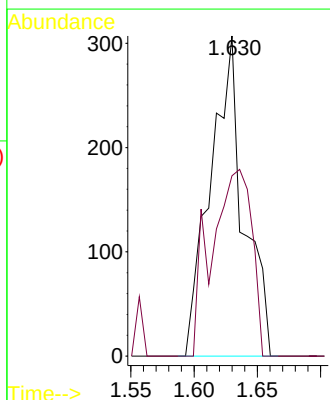
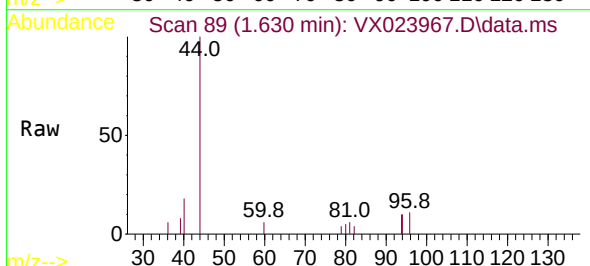
Instrument :
MSVOA_X
ClientSampleId :
WVLY-EB-082421

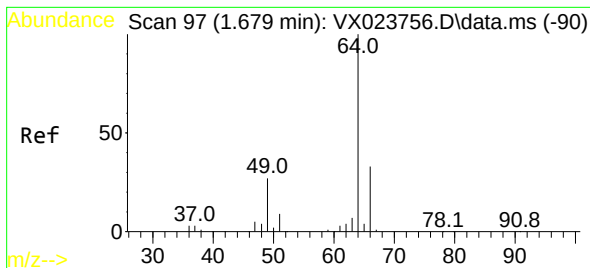
Tgt Ion: 62 Resp: 364
Ion Ratio Lower Upper
62 100
64 141.3 25.7 38.5#



#5
Bromomethane
Concen: 0.586 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Tgt Ion: 94 Resp: 561
Ion Ratio Lower Upper
94 100
96 56.4 76.4 114.6#

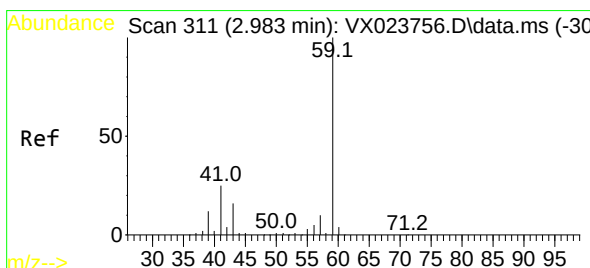
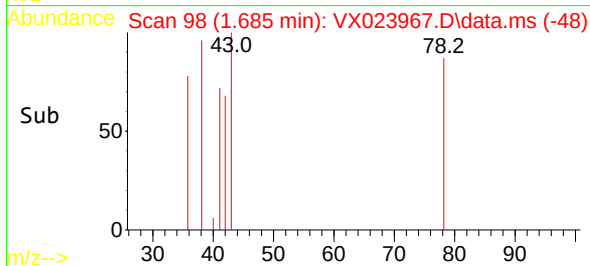
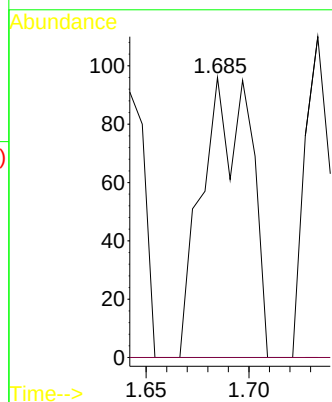
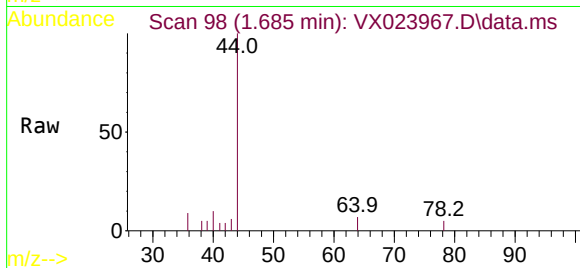




#6
Chloroethane
Concen: 2.335 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

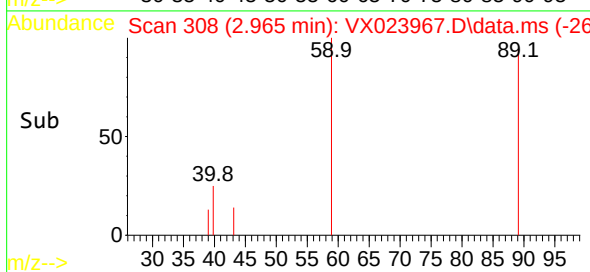
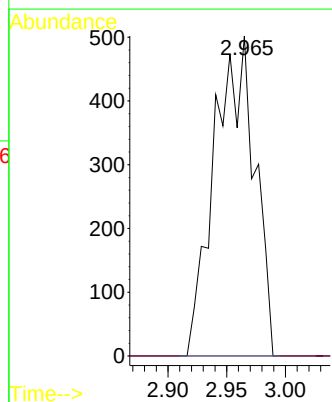
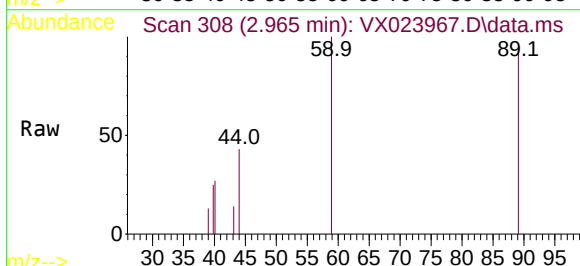
Instrument :
MSVOA_X
ClientSampleId :
WVLY-EB-082421

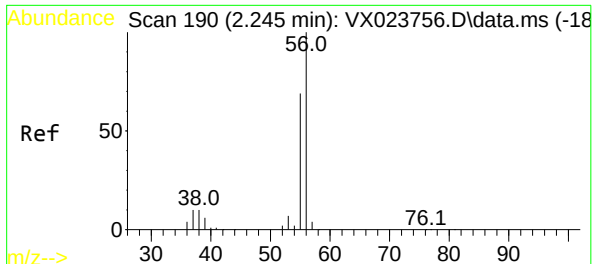
Tgt Ion: 64 Resp: 157
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 3.143 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Tgt Ion: 59 Resp: 1195
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

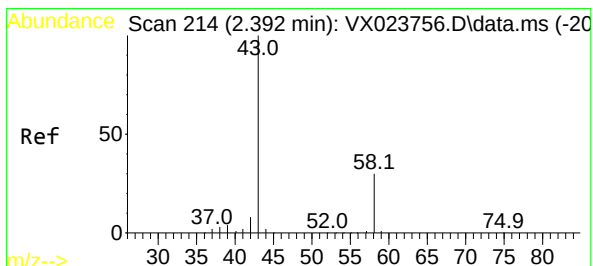
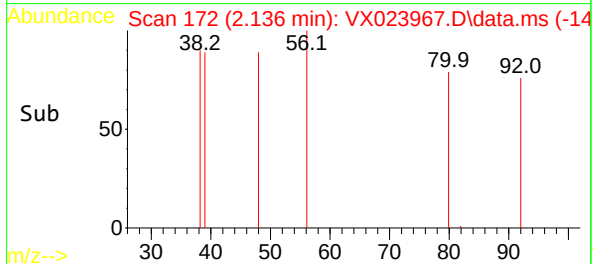
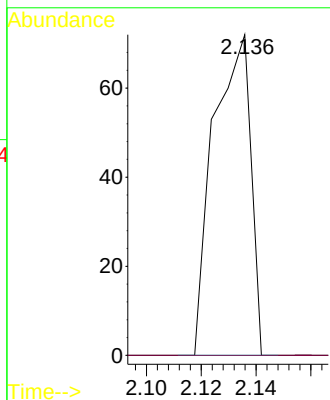
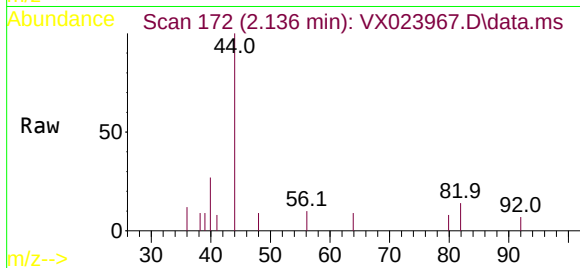




#13
Acrolein
Concen: 0.301 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.109 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

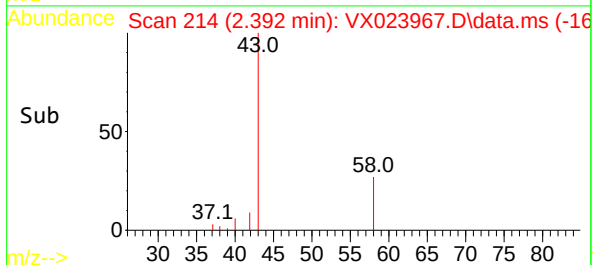
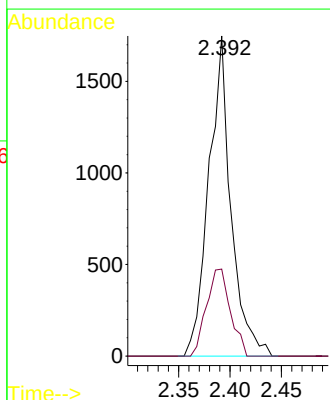
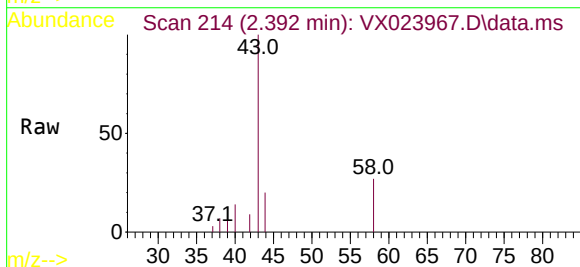
Instrument :
MSVOA_X
ClientSampleId :
WVLY-EB-082421

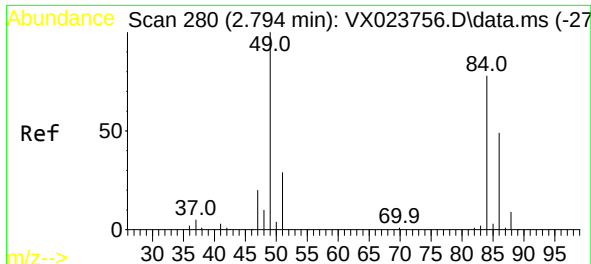
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.120 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Tgt Ion: 43 Resp: 2623
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#

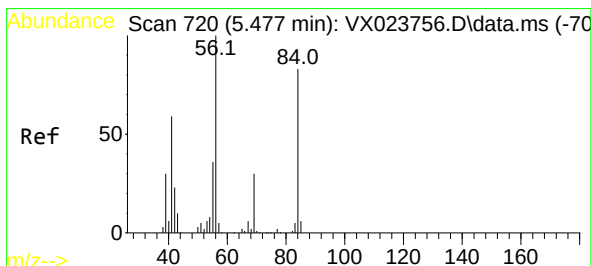
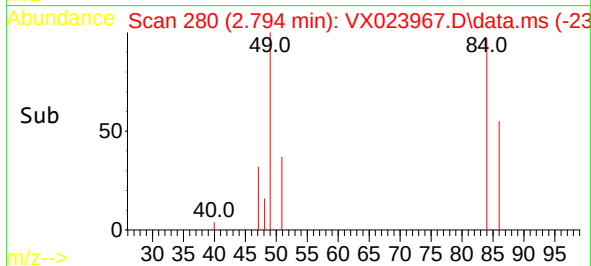
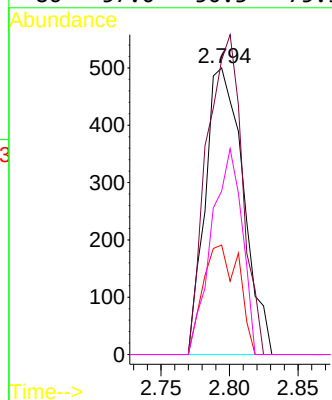
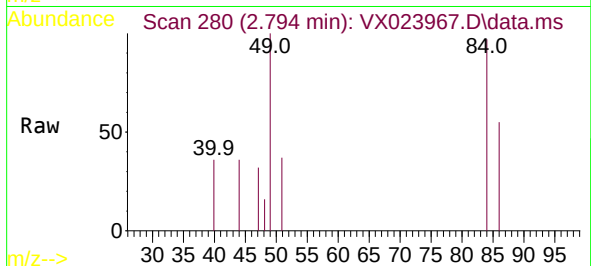




#20
Methylene Chloride
Concen: 0.599 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

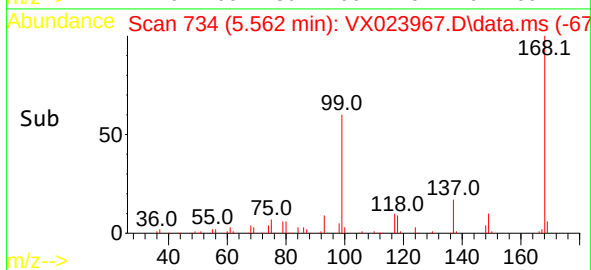
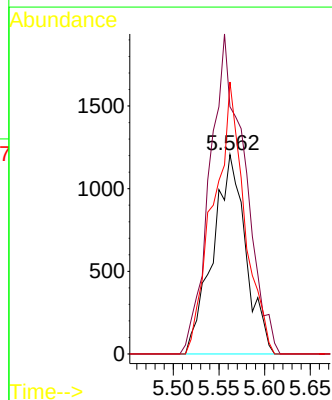
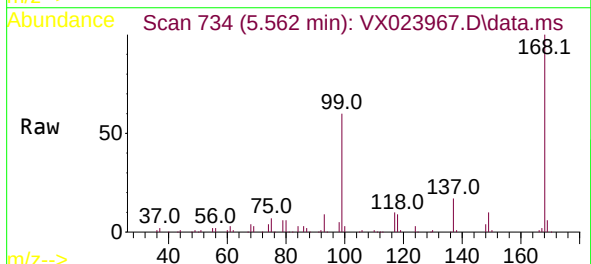
Instrument :
MSVOA_X
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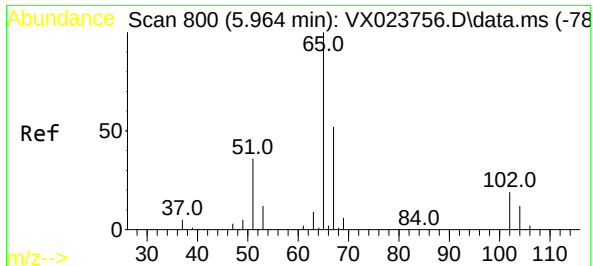
Tgt Ion:	84	Resp:	962
Ion	Ratio	Lower	Upper
84	100		
49	102.8	88.6	132.8
51	38.2	27.0	40.6
86	57.0	50.3	75.5



#31
Cyclohexane
Concen: 1.256 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Tgt Ion:	56	Resp:	3033
Ion	Ratio	Lower	Upper
56	100		
69	124.0	25.3	37.9#
84	136.5	71.4	107.0#



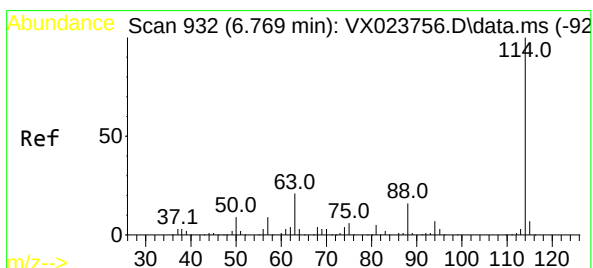
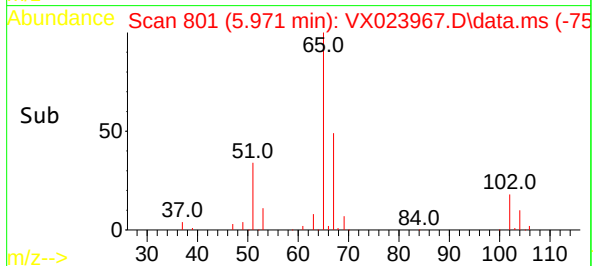
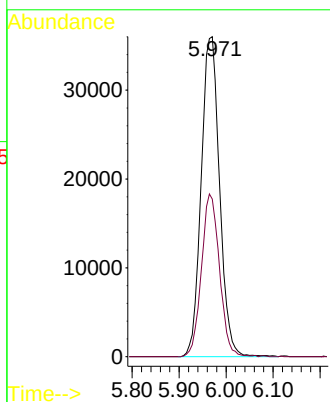
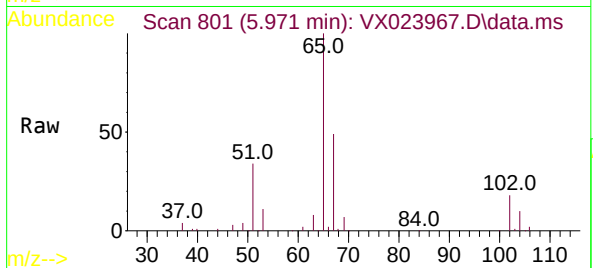


#33

1,2-Dichloroethane-d4
Concen: 52.008 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Instrument :
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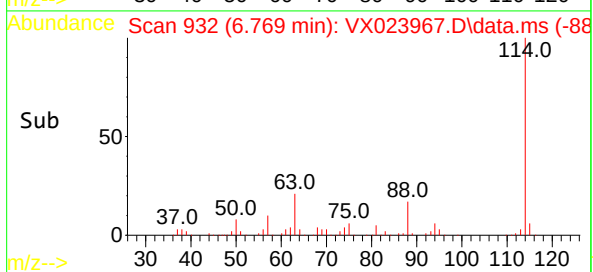
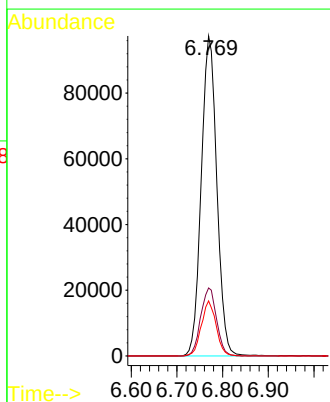
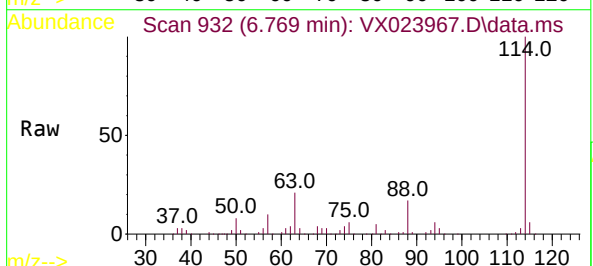
Tgt Ion: 65 Resp: 97785
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

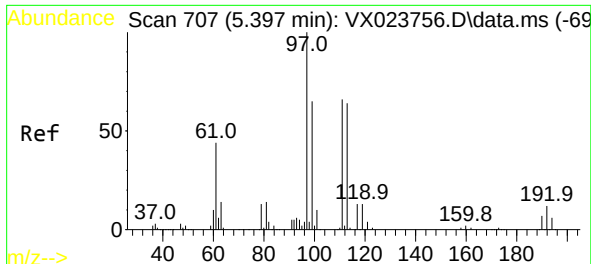


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Tgt Ion: 114 Resp: 230351
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.2 0.0 32.8

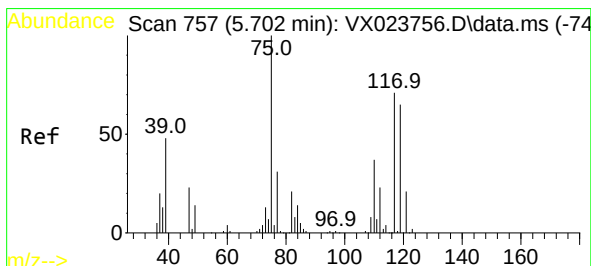
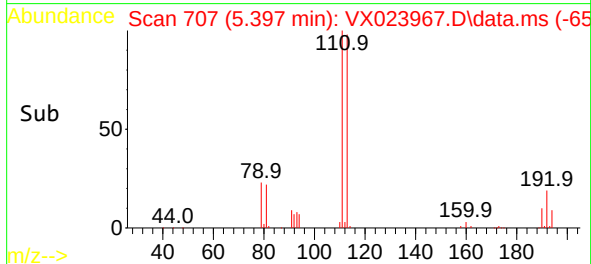
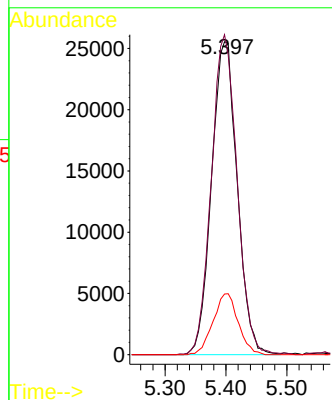
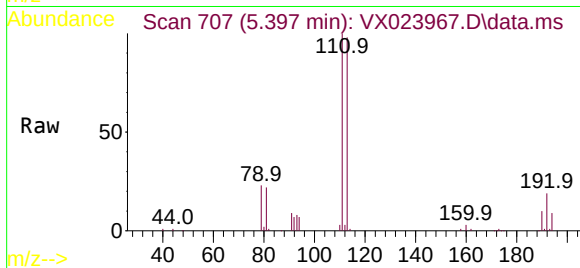




#35
Dibromofluoromethane
Concen: 49.036 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

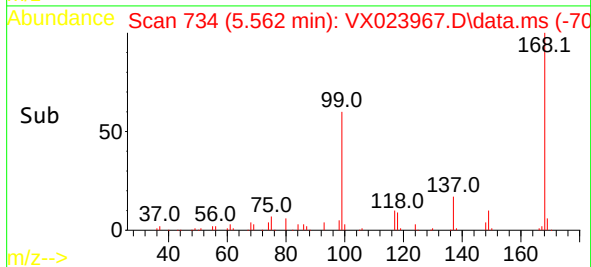
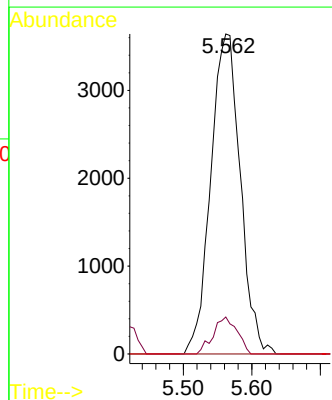
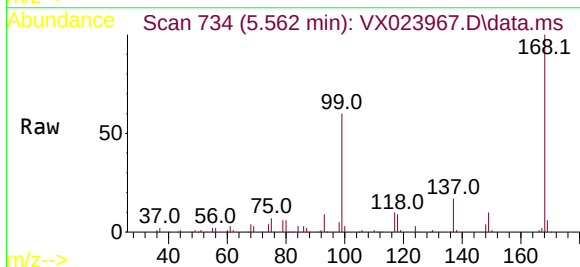
Instrument :
MSVOA_X
ClientSampleId :
WVLY-EB-082421

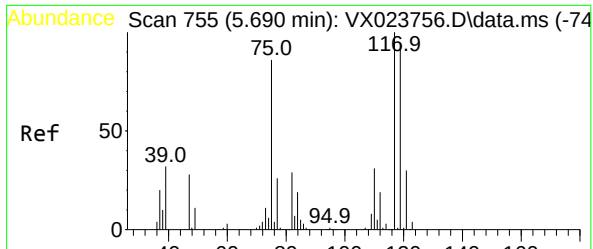
Tgt Ion:113 Resp: 74762
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.104 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

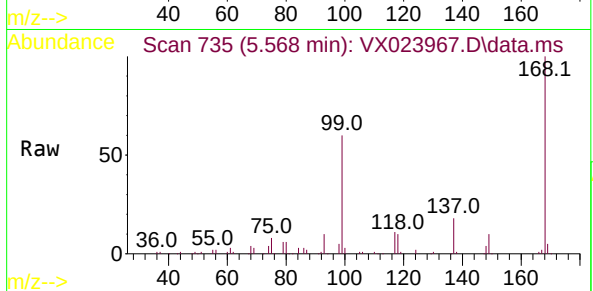
Tgt Ion: 75 Resp: 10889
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



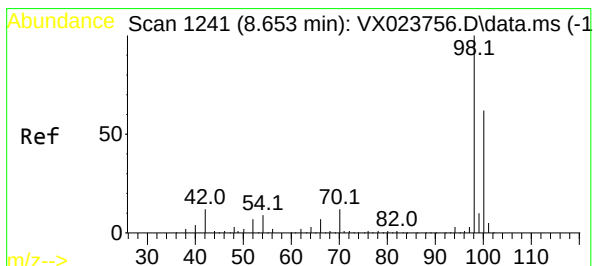
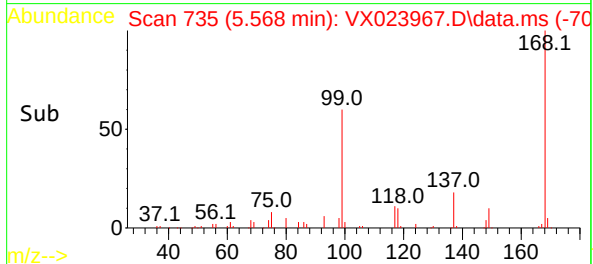
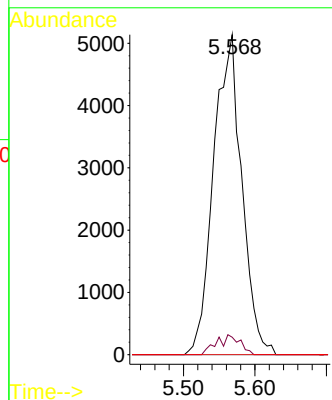


#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Instrument :
MSVOA_X
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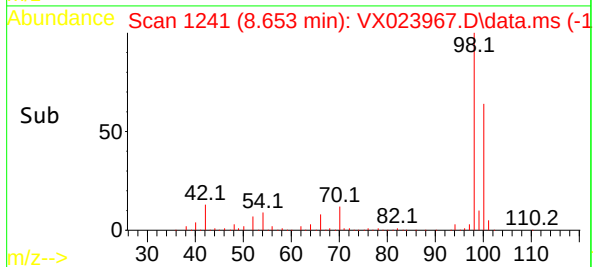
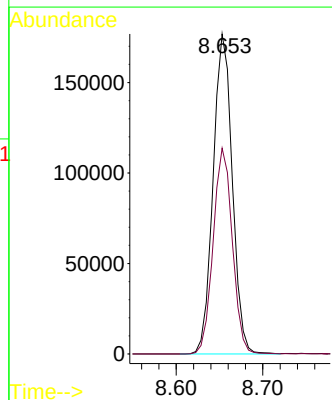
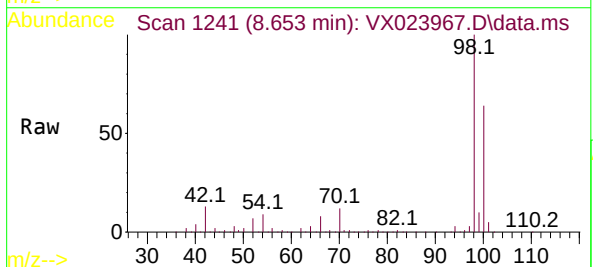


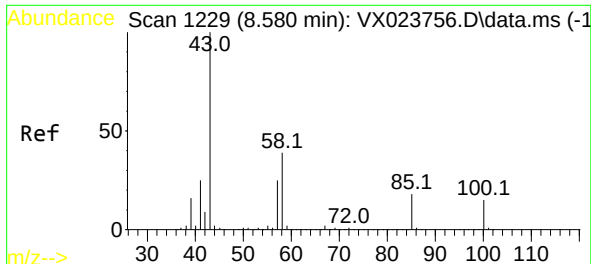
Tgt Ion:117 Resp: 14068
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.833 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Tgt Ion: 98 Resp: 271764
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

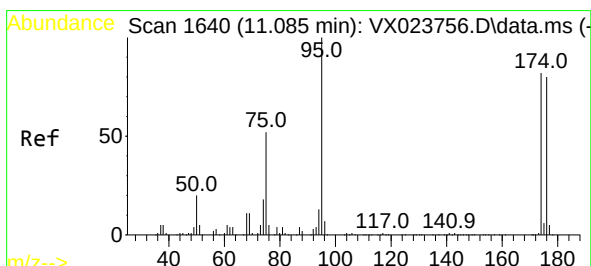
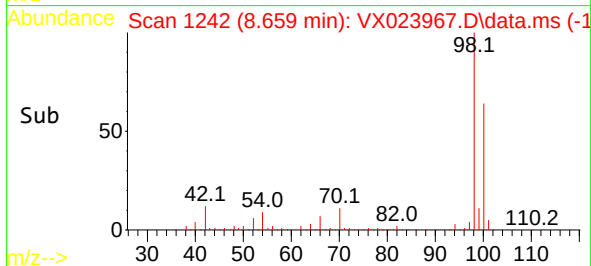
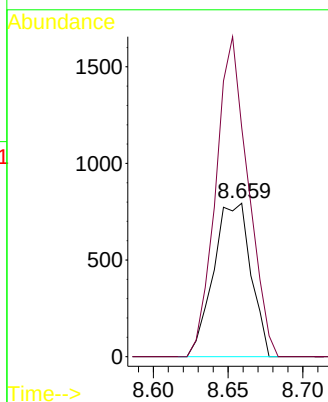
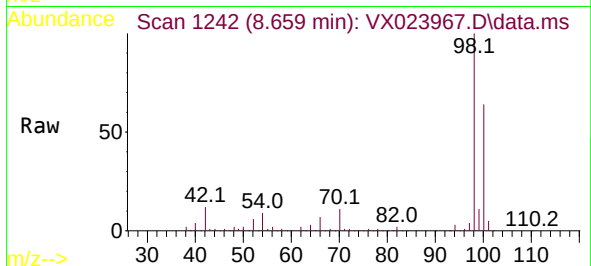




#51
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

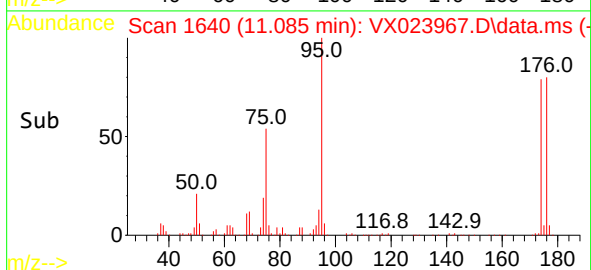
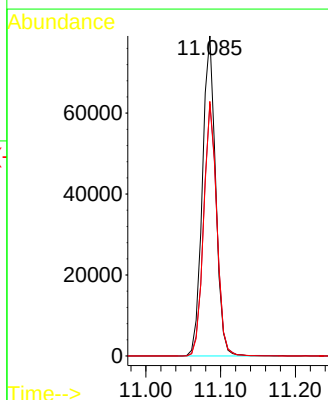
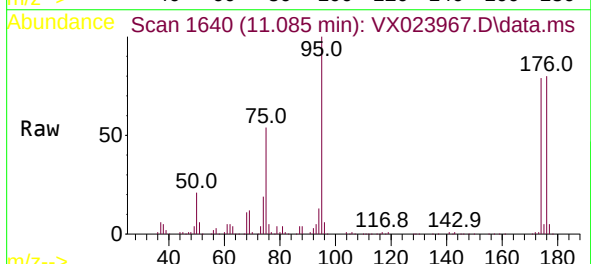
Instrument :
MSVOA_X
ClientSampleId :
WVLY-EB-082421

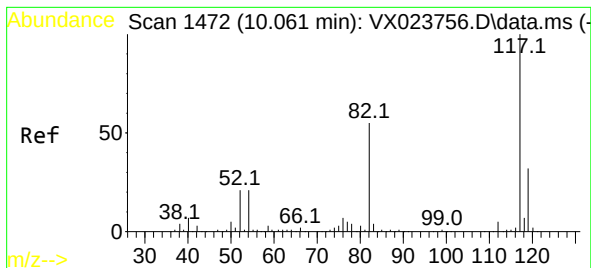
Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
58 180.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.499 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Tgt Ion: 95 Resp: 97194
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 78.4 0.0 155.8

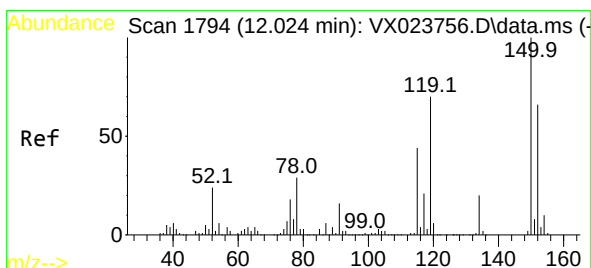
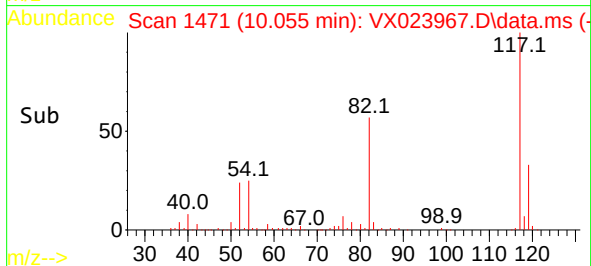
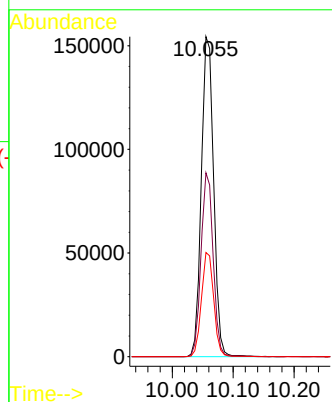
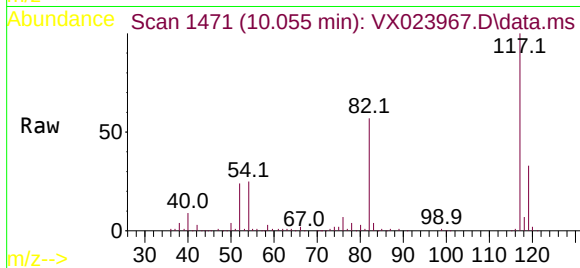




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

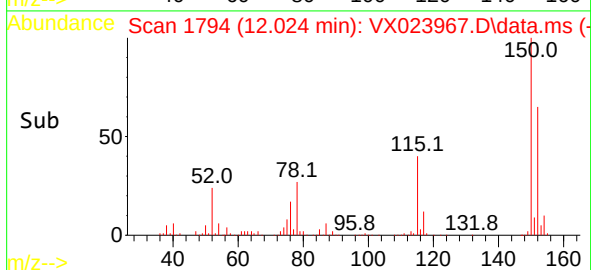
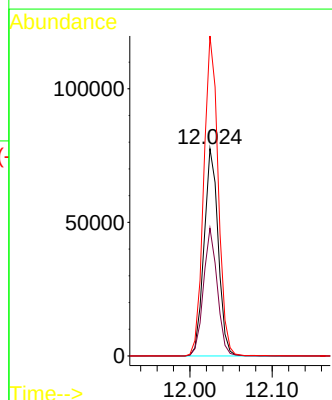
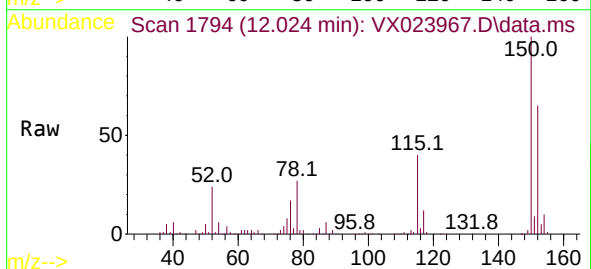
Instrument :
MSVOA_X
ClientSampleId :
WVLY-EB-082421

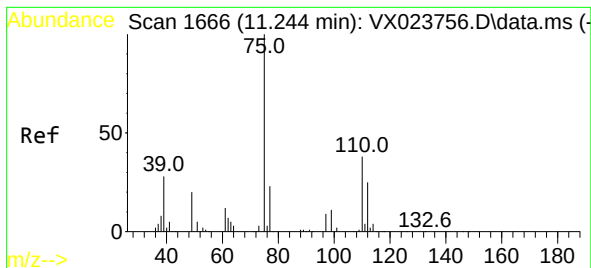
Tgt Ion:117 Resp: 216076
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Tgt Ion:152 Resp: 92654
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 157.4 0.0 349.0

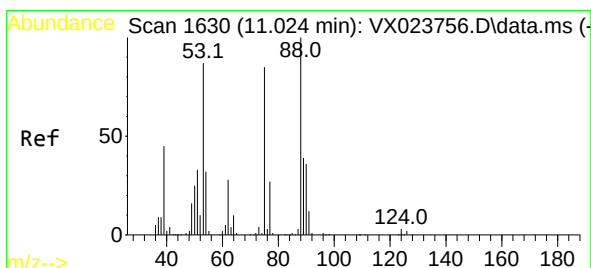
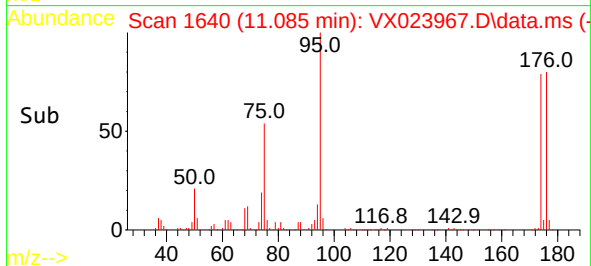
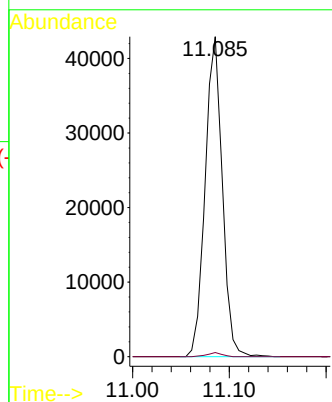
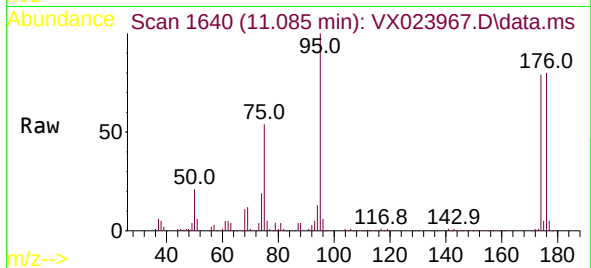




#76
1,2,3-Trichloropropane
Concen: 24.559 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

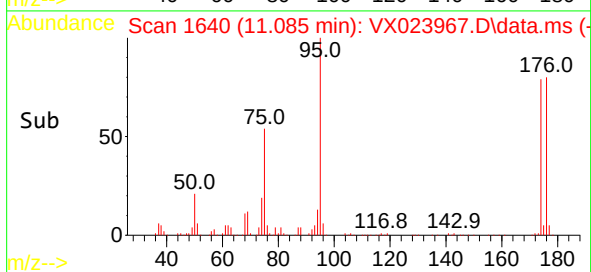
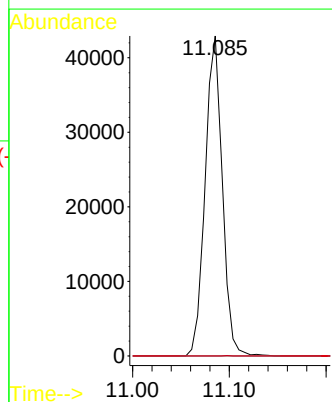
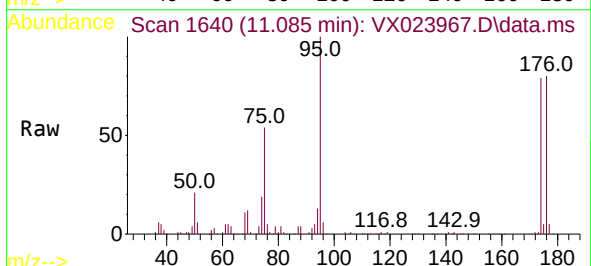
Instrument :
MSVOA_X
ClientSampleId :
WVLY-EB-082421

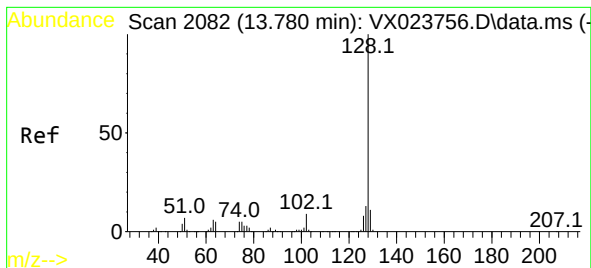
Tgt Ion: 75 Resp: 53081
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.241 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Tgt Ion: 75 Resp: 53081
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.290 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023967.D
Acq: 26 Aug 2021 15:56

Instrument :
MSVOA_X
ClientSampleId :
WVLY-EB-082421

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

