

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023403.D
 Acq On : 23 Jul 2021 03:38
 Operator : JC/MD
 Sample : M3146-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-1D(OFFSITE)

Quant Time: Jul 23 06:13:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

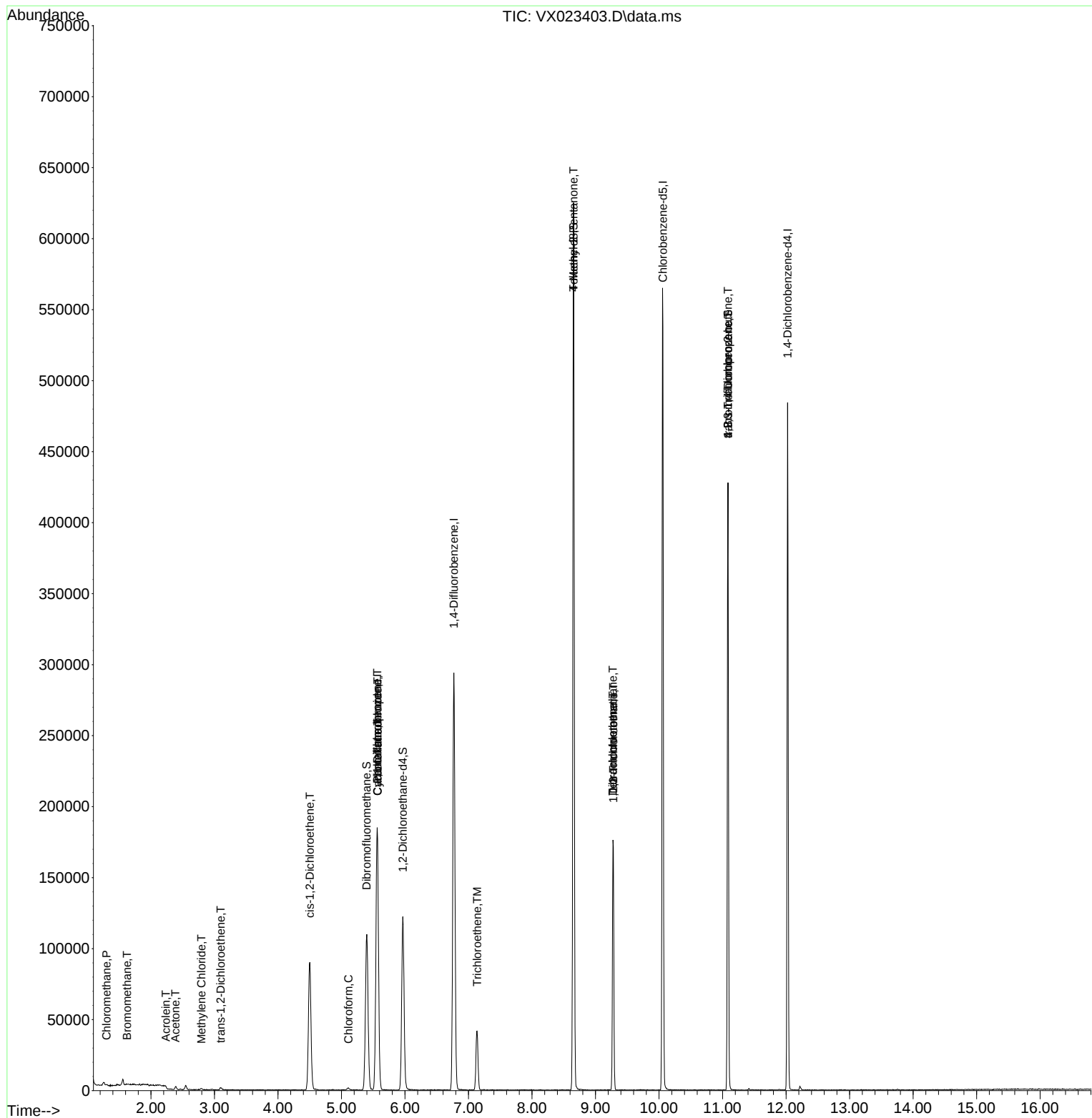
Internal Standards						
1) Pentafluorobenzene	5.562	168	178760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	301213	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	257410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113370	50.841	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.680%		
35) Dibromofluoromethane	5.397	113	94100	49.965	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.940%		
50) Toluene-d8	8.653	98	357546	51.673	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.340%		
62) 4-Bromofluorobenzene	11.085	95	108512	46.119	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.240%		
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	415	0.217	ug/l	96
5) Bromomethane	1.624	94	440	0.382	ug/l #	78
13) Acrolein	2.233	56	46	1.540	ug/l #	11
16) Acetone	2.386	43	2182	1.995	ug/l	90
20) Methylene Chloride	2.794	84	511	0.240	ug/l #	85
21) trans-1,2-Dichloroethene	3.099	96	591	0.317	ug/l #	83
27) cis-1,2-Dichloroethene	4.501	96	57827	26.686	ug/l	90
30) Chloroform	5.111	83	1572	0.443	ug/l #	73
31) Cyclohexane	5.568	56	3962	1.199	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	13870	5.090	ug/l #	49
38) Carbon Tetrachloride	5.568	117	17075	6.162	ug/l #	18
44) Trichloroethene	7.135	130	16711	7.529	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	1635	0.502	ug/l #	1
55) 1,1,2-Trichloroethane	9.281	97	416	0.205	ug/l #	40
60) Dibromochloromethane	9.275	129	32211	15.754	ug/l #	11
64) Tetrachloroethene	9.275	164	33498	16.351	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	54974	25.227	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54974	67.833	ug/l #	12

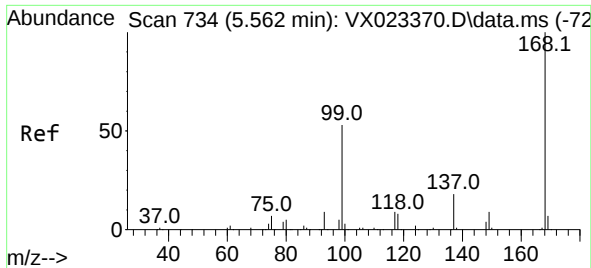
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

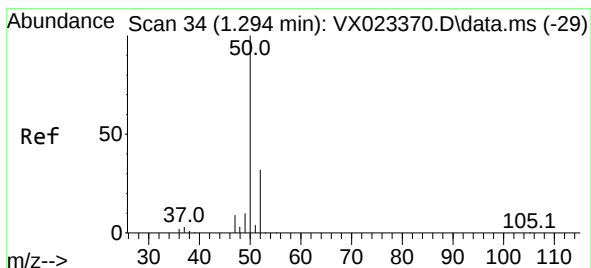
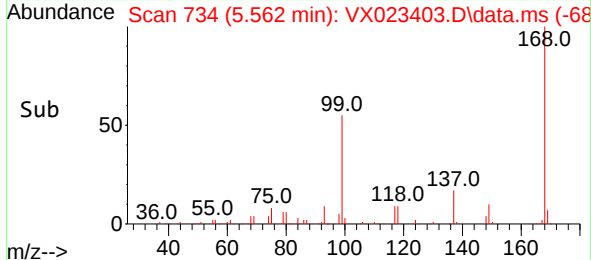
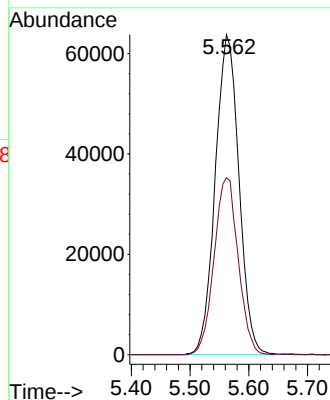
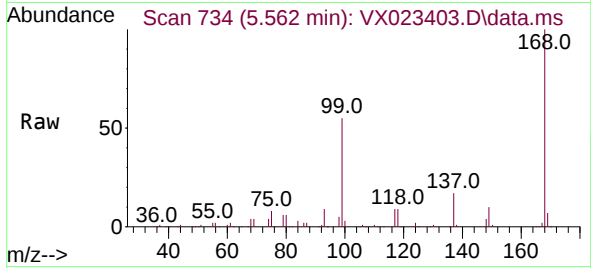




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

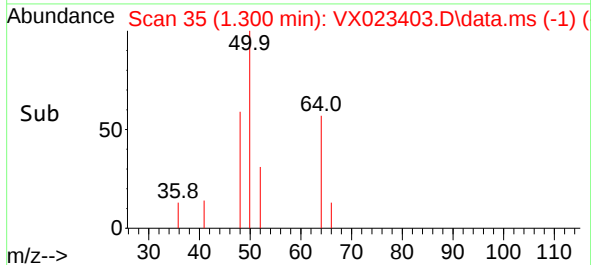
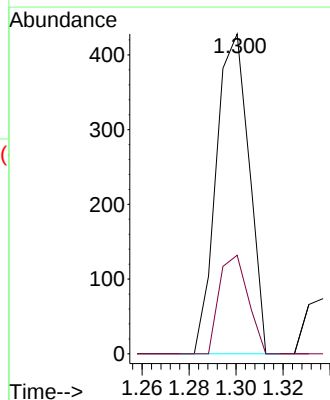
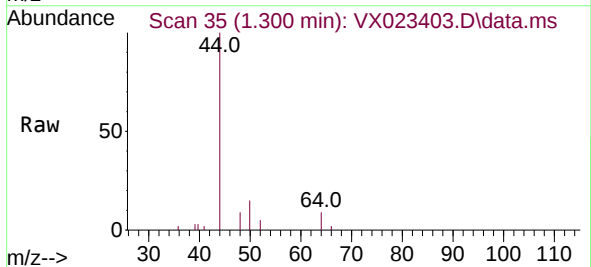
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

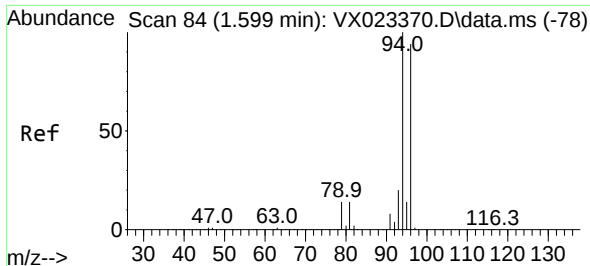
Tgt Ion:168 Resp: 178760
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Tgt Ion: 50 Resp: 415
Ion Ratio Lower Upper
50 100
52 30.8 26.4 39.6

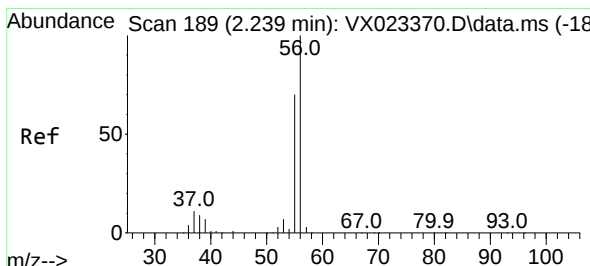
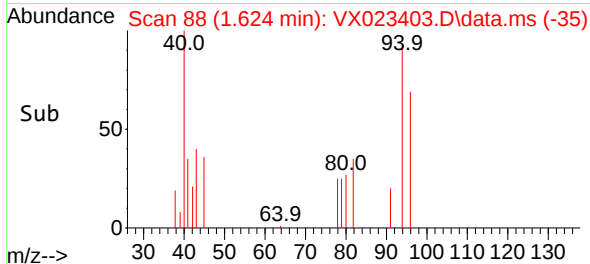
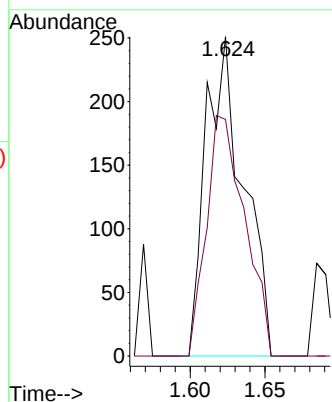
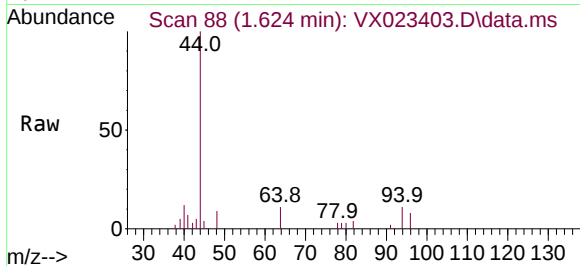




#5
Bromomethane
Concen: 0.382 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

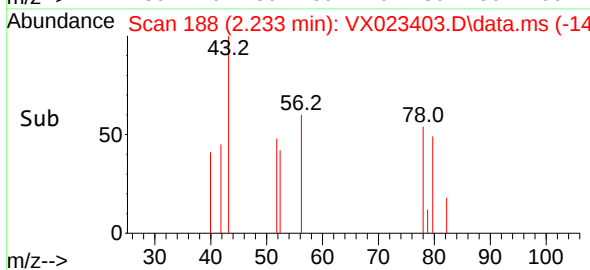
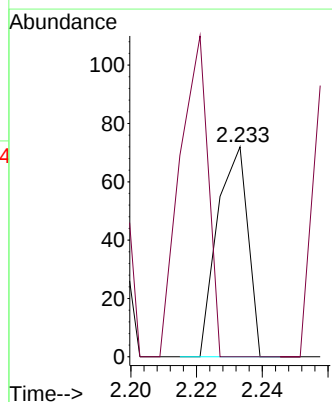
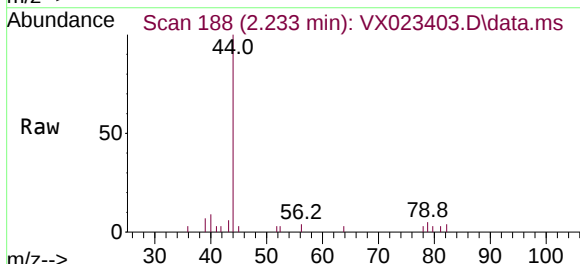
Instrument :
MSVOA_X
ClientSampleId :
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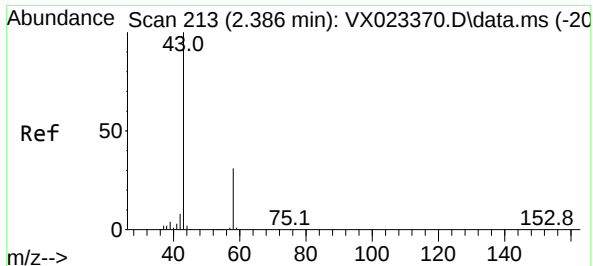
Tgt Ion: 94 Resp: 440
Ion Ratio Lower Upper
94 100
96 74.1 76.4 114.6#



#13
Acrolein
Concen: 1.540 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 143.5 56.4 84.6#

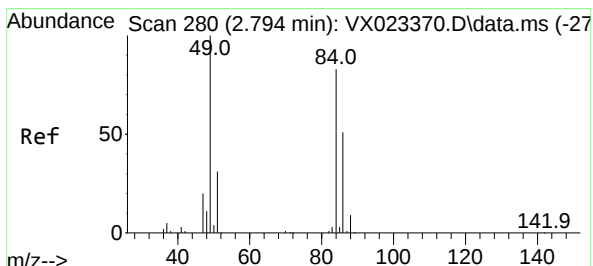
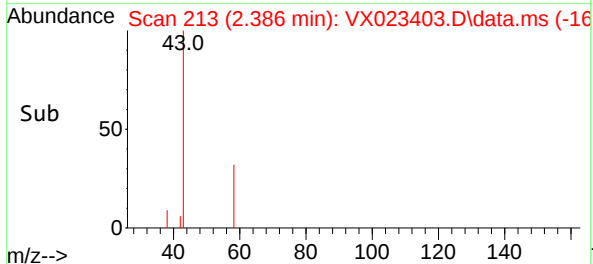
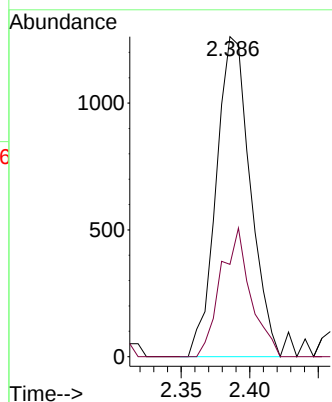
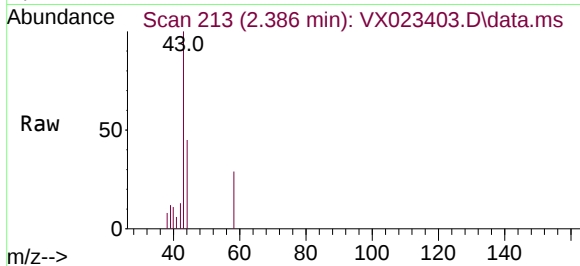




#16
Acetone
Concen: 1.995 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

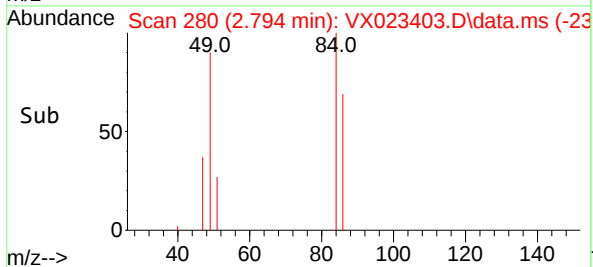
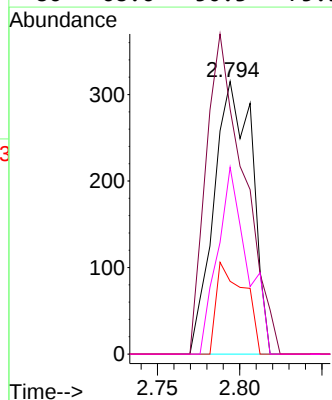
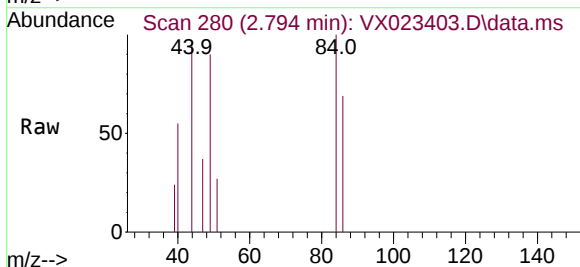
Instrument :
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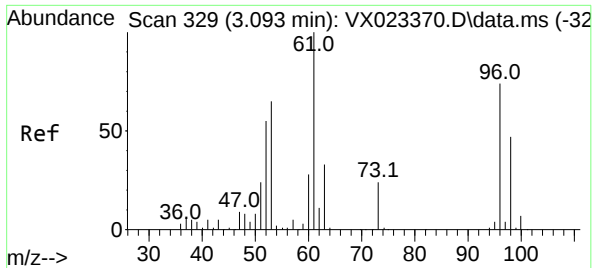
Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8



#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Tgt Ion: 84 Resp: 511
Ion Ratio Lower Upper
84 100
49 89.8 88.6 132.8
51 26.7 27.0 40.6#
86 68.6 50.3 75.5

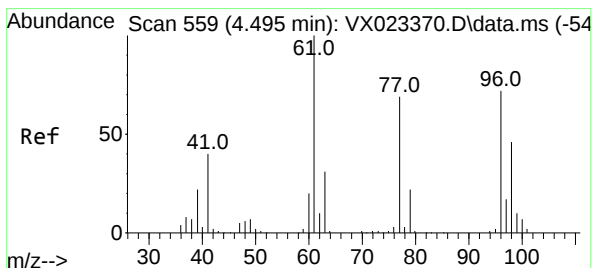
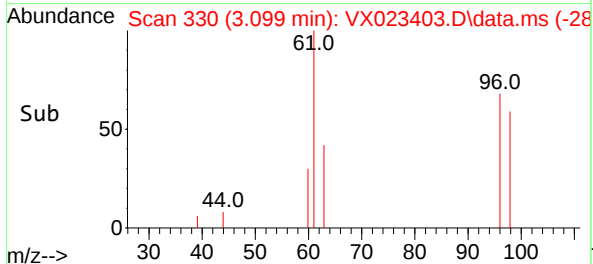
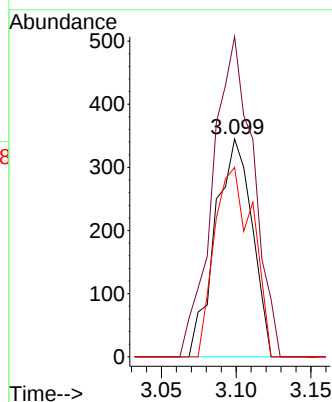
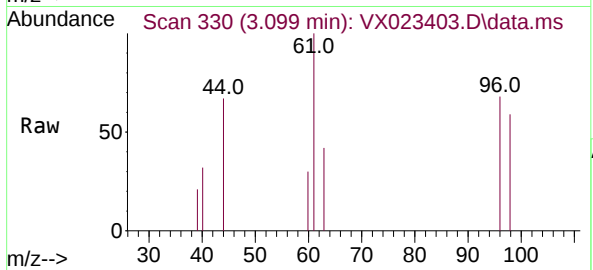




#21
trans-1,2-Dichloroethene
Concen: 0.317 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

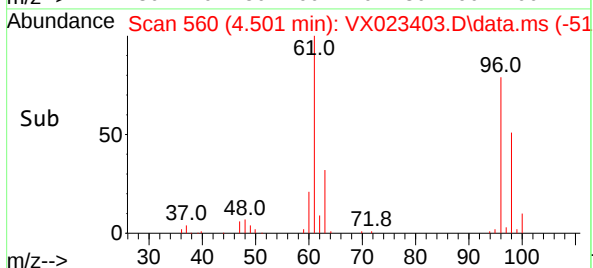
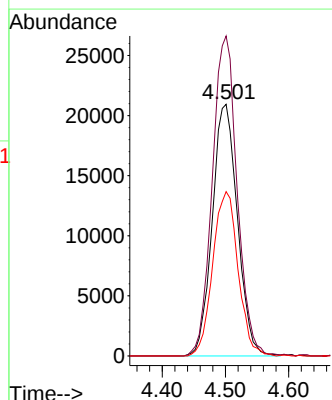
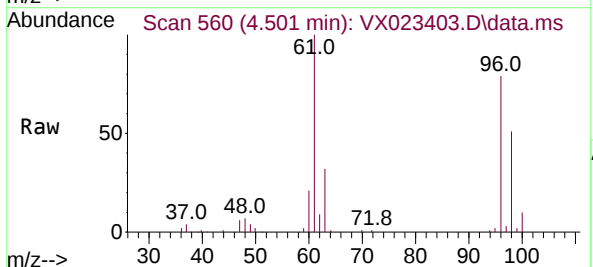
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

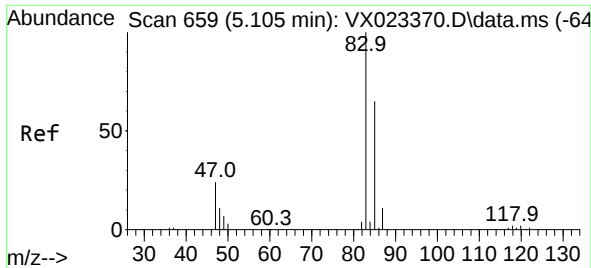
Tgt Ion: 96 Resp: 591
Ion Ratio Lower Upper
96 100
61 147.0 107.7 161.5
98 87.0 50.4 75.6#



#27
cis-1,2-Dichloroethene
Concen: 26.686 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Tgt Ion: 96 Resp: 57827
Ion Ratio Lower Upper
96 100
61 125.8 0.0 285.6
98 65.7 0.0 129.6

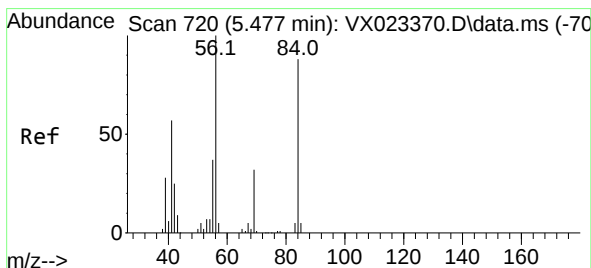
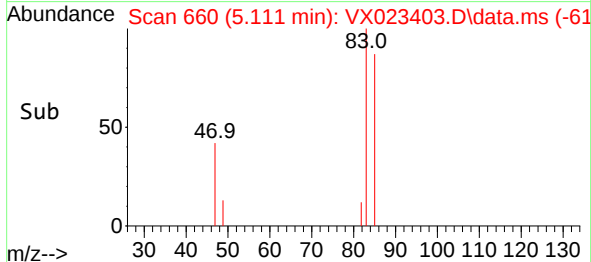
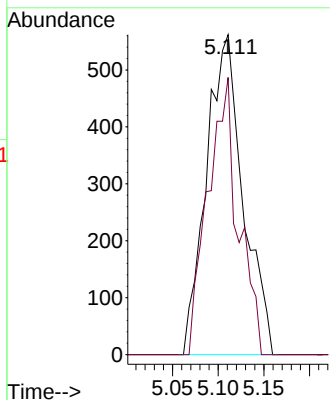
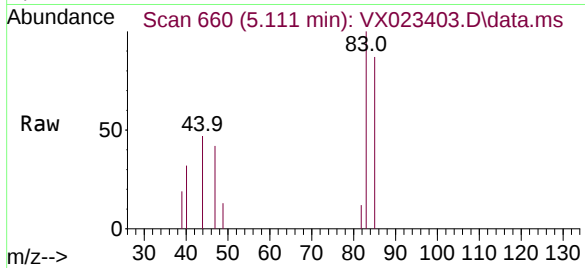




#30
Chloroform
Concen: 0.443 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

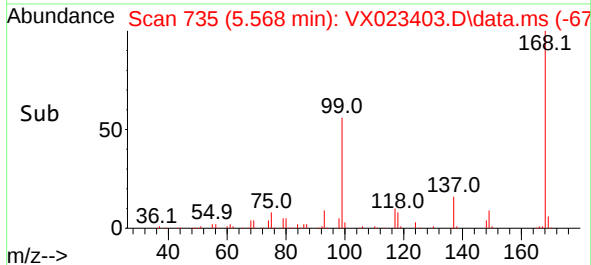
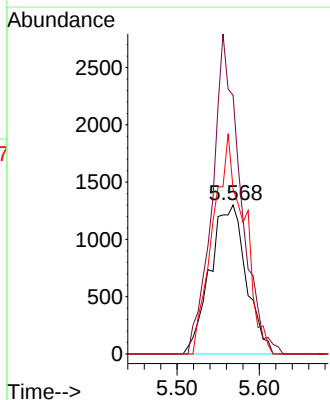
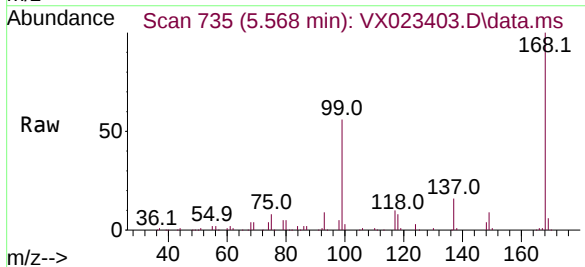
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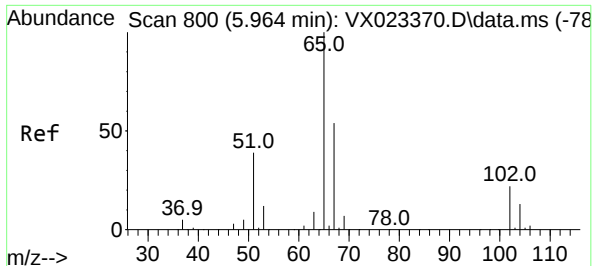
Tgt Ion: 83 Resp: 1572
Ion Ratio Lower Upper
83 100
85 86.7 52.0 78.0#



#31
Cyclohexane
Concen: 1.199 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Tgt Ion: 56 Resp: 3962
Ion Ratio Lower Upper
56 100
69 173.6 25.3 37.9#
84 110.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.841 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023403.D

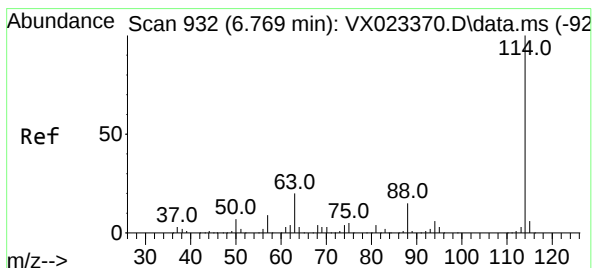
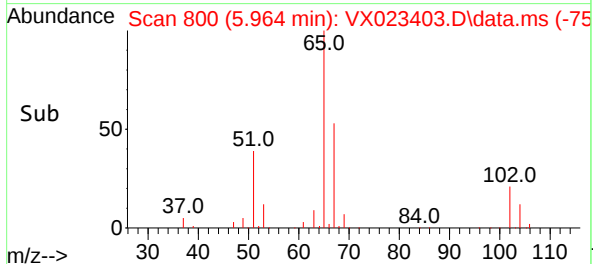
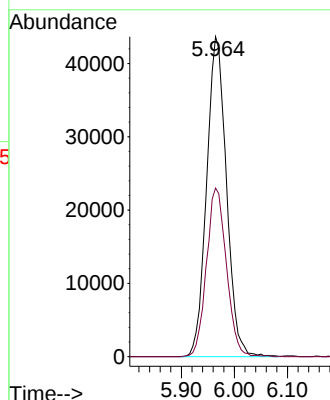
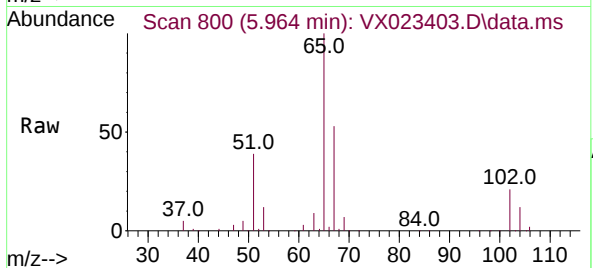
Acq: 23 Jul 2021 03:38

Tgt Ion: 65 Resp: 113370

Ion Ratio Lower Upper

65 100

67 53.1 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: VX023403.D

Acq: 23 Jul 2021 03:38

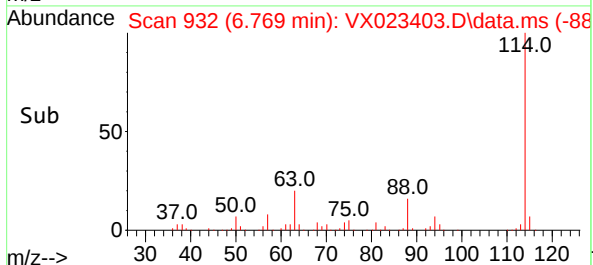
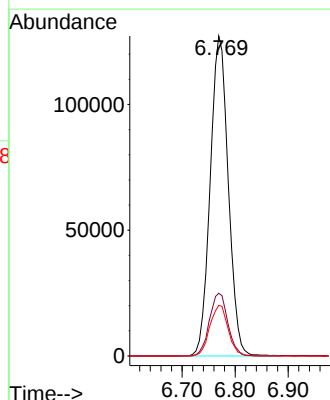
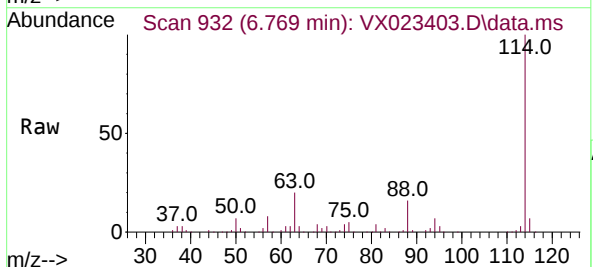
Tgt Ion: 114 Resp: 301213

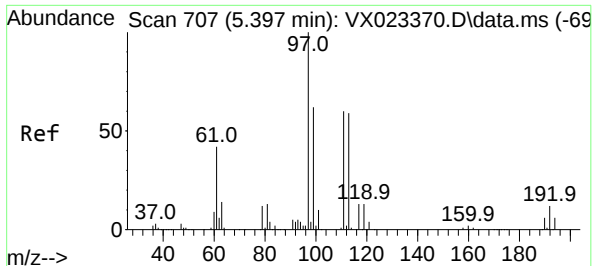
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.965 ug/l

RT: 5.397 min Scan# 707

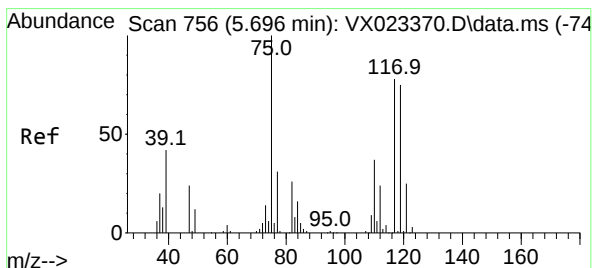
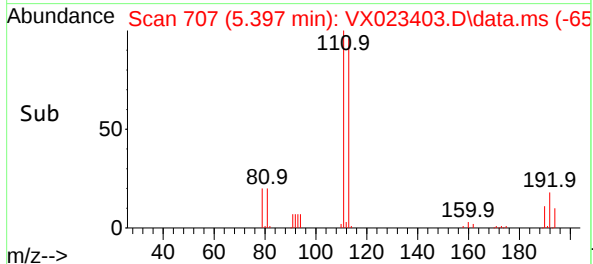
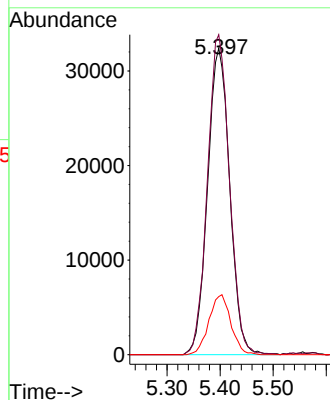
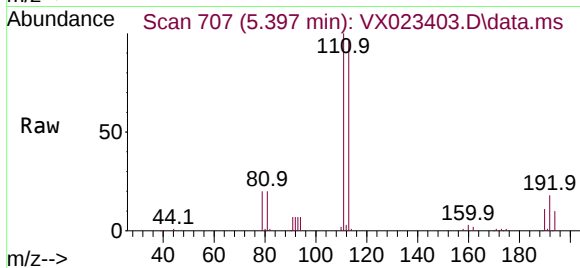
Delta R.T. 0.000 min

Lab File: VX023403.D

Acq: 23 Jul 2021 03:38

Tgt Ion:	113	Resp:	94100
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	19.4	16.7	25.1

Instrument :
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ClientSampleId :
152140-MW-1D(OFFSITE)



#36

1,1-Dichloropropene

Concen: 5.090 ug/l

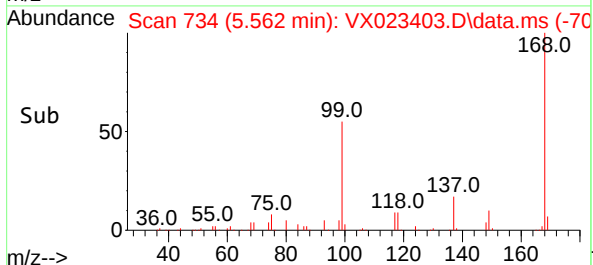
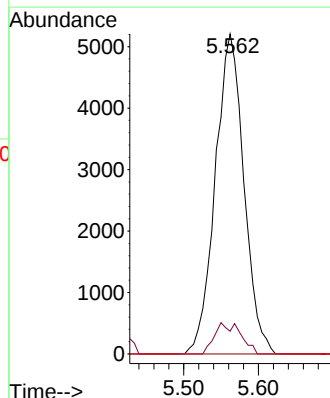
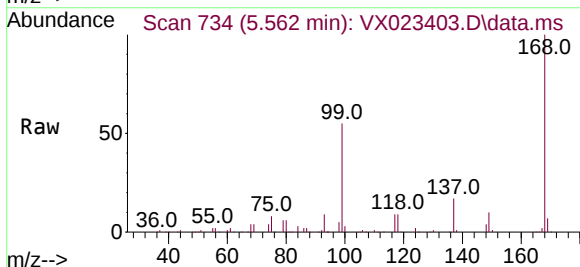
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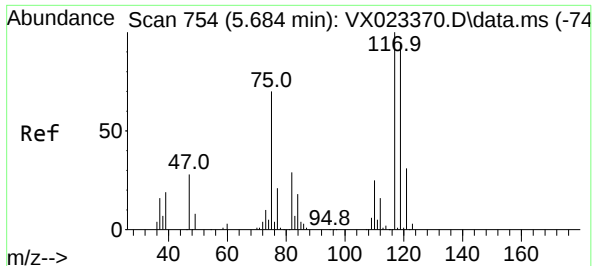
Delta R.T. -0.134 min

Lab File: VX023403.D

Acq: 23 Jul 2021 03:38

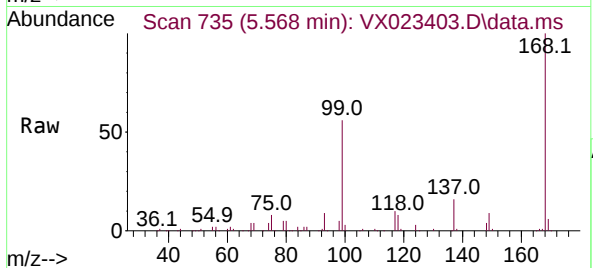
Tgt Ion:	75	Resp:	13870
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#



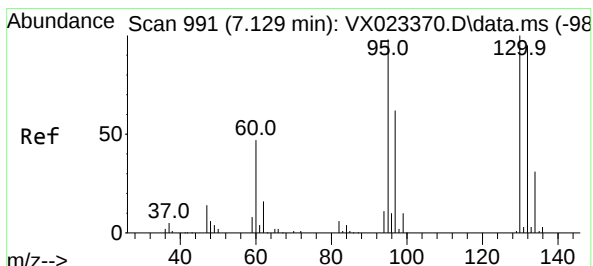
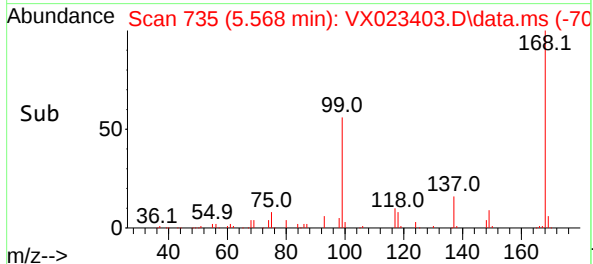
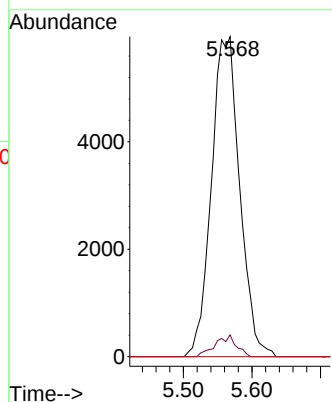


#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

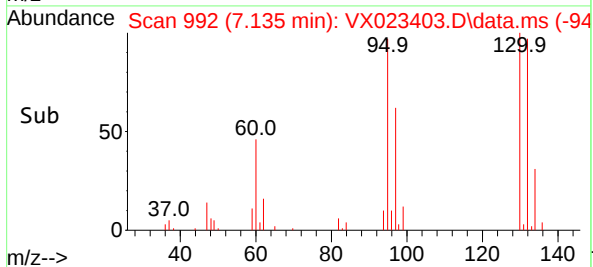
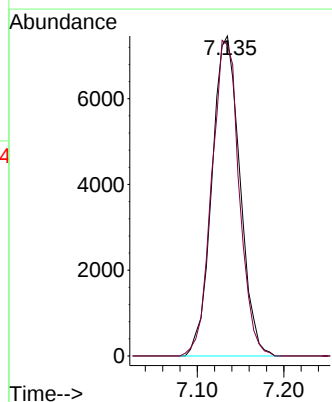
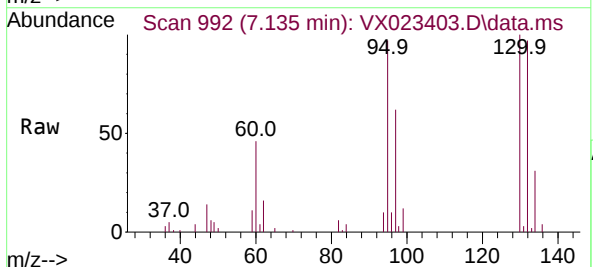


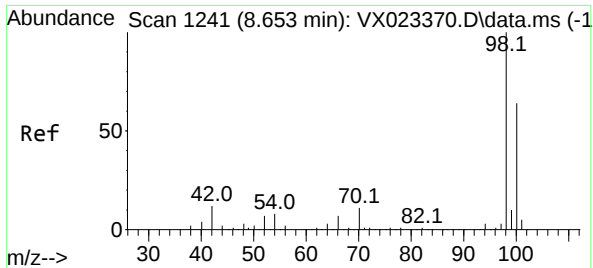
Tgt Ion:117 Resp: 17075
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 7.529 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Tgt Ion:130 Resp: 16711
Ion Ratio Lower Upper
130 100
95 97.2 0.0 198.0

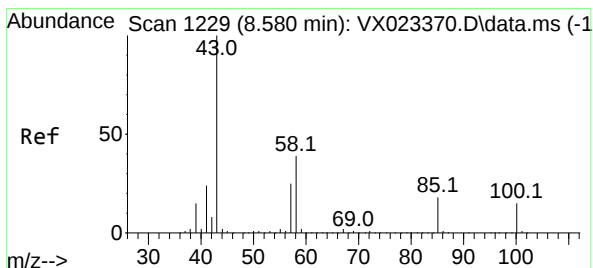
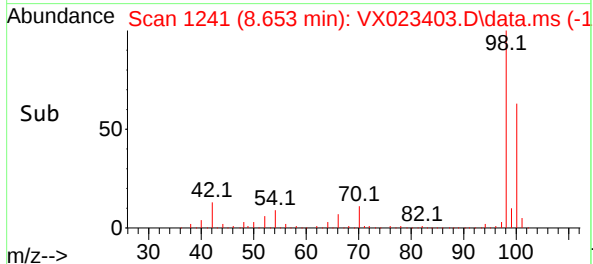
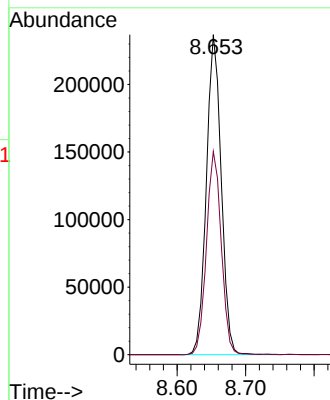
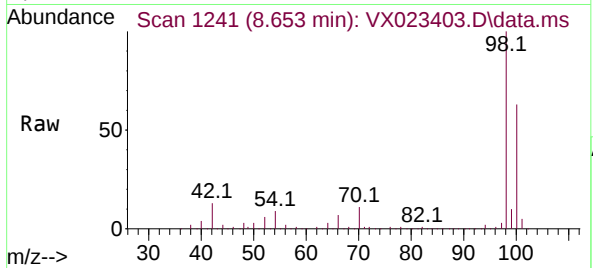




#50
Toluene-d8
Concen: 51.673 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

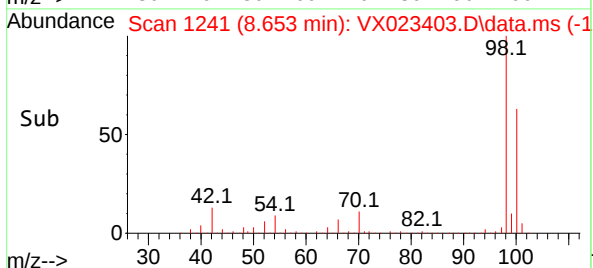
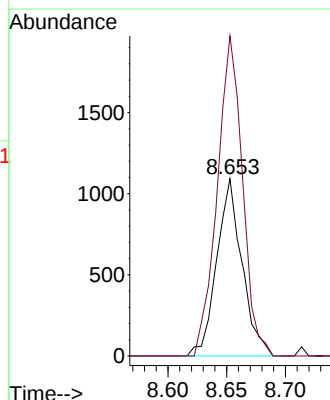
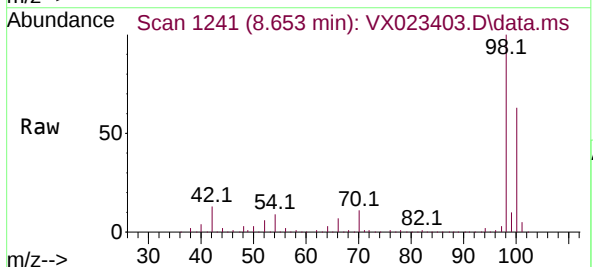
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

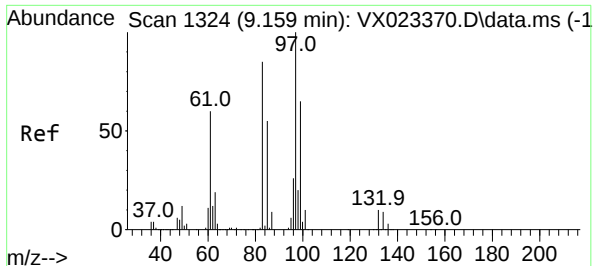
Tgt Ion: 98 Resp: 357546
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

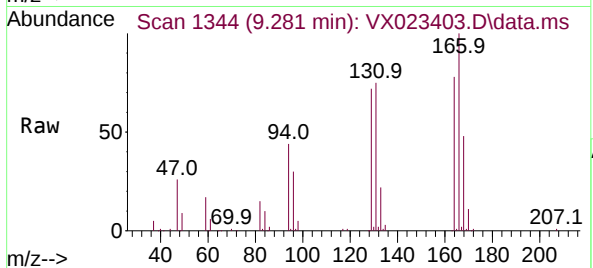
Tgt Ion: 43 Resp: 1635
Ion Ratio Lower Upper
43 100
58 180.6 35.4 53.0#



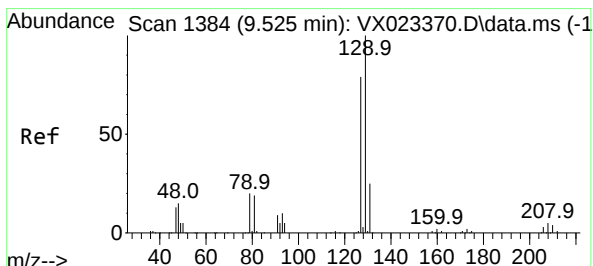
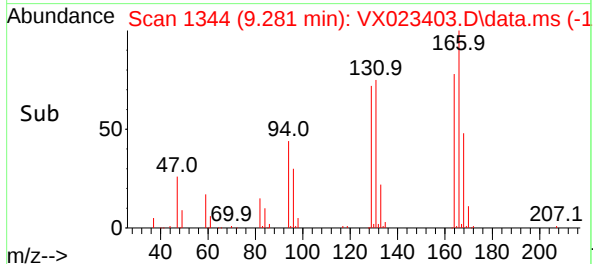
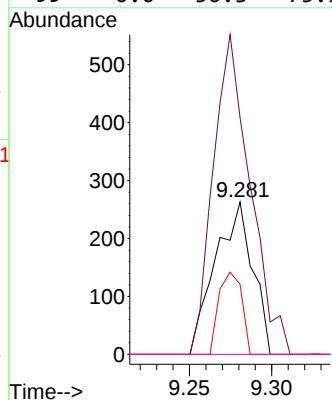


#55
1,1,2-Trichloroethane
Concen: 0.205 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.122 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

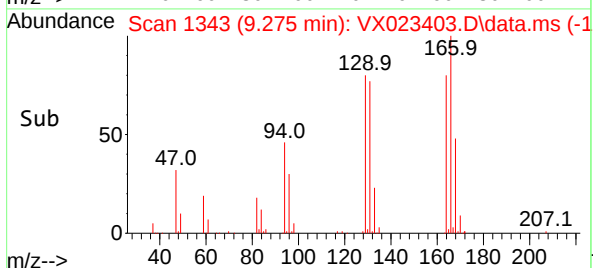
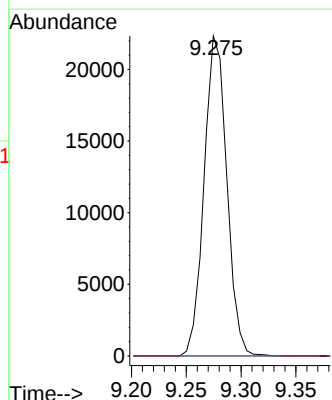
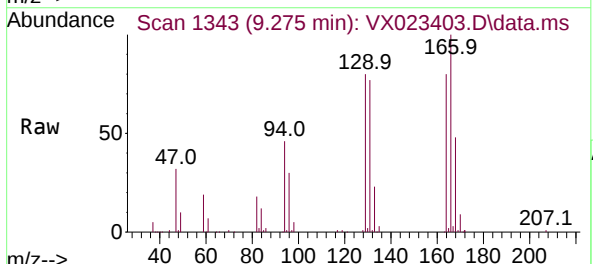


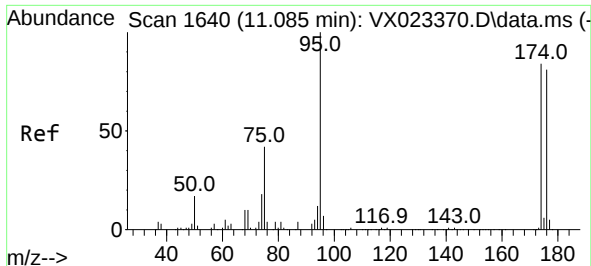
Tgt Ion: 97	Resp: 416
Ion Ratio	Lower Upper
97	100
83	155.5 69.3 103.9#
85	46.0 44.3 66.5
99	0.0 50.3 75.5#



#60
Dibromochloromethane
Concen: 15.754 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Tgt Ion: 129	Resp: 32211
Ion Ratio	Lower Upper
129	100
127	0.0 38.4 115.2#

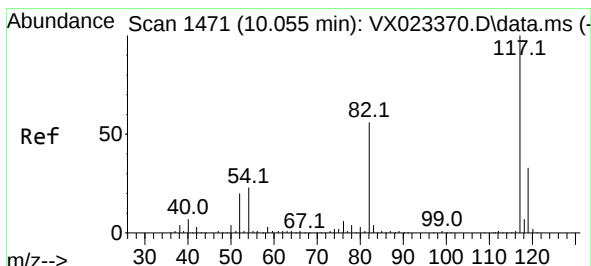
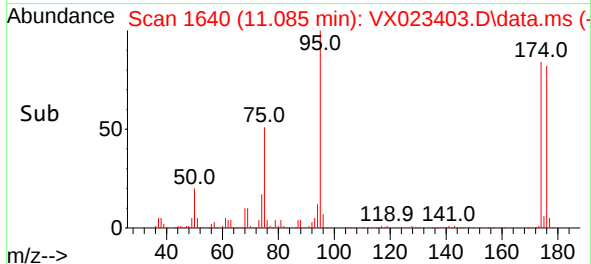
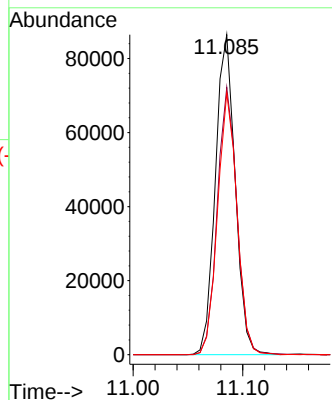
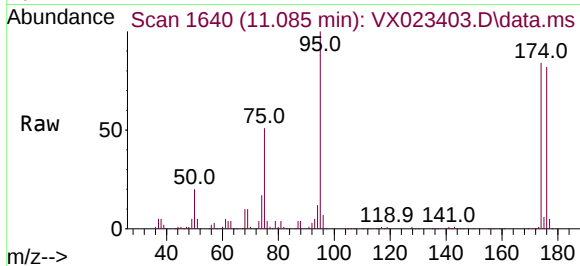




#62
4-Bromofluorobenzene
Concen: 46.119 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

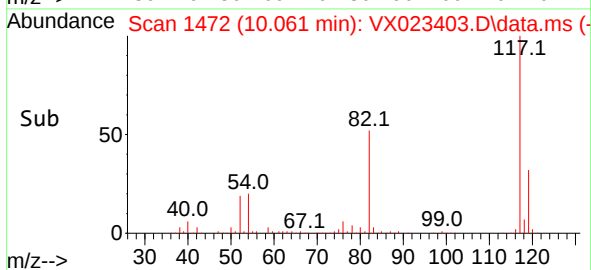
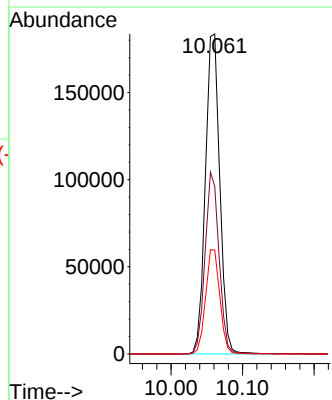
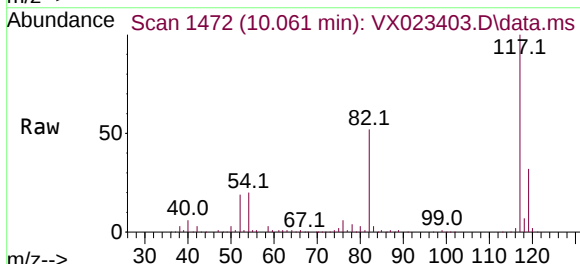
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

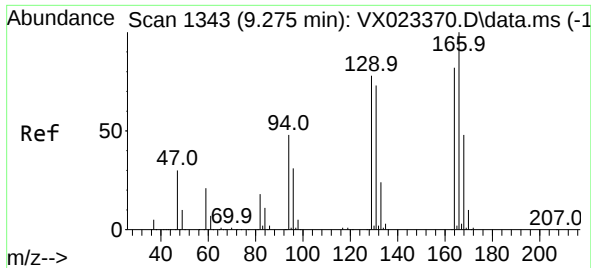
Tgt Ion: 95 Resp: 108512
Ion Ratio Lower Upper
95 100
174 82.8 0.0 154.6
176 80.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

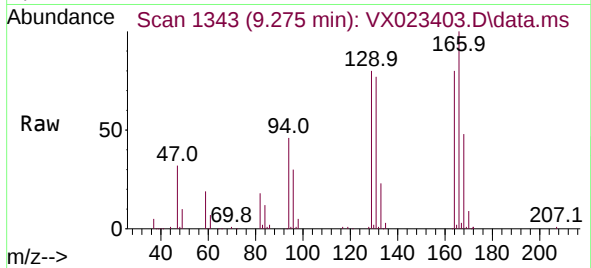
Tgt Ion: 117 Resp: 257410
Ion Ratio Lower Upper
117 100
82 52.4 47.4 71.2
119 32.5 26.6 39.8



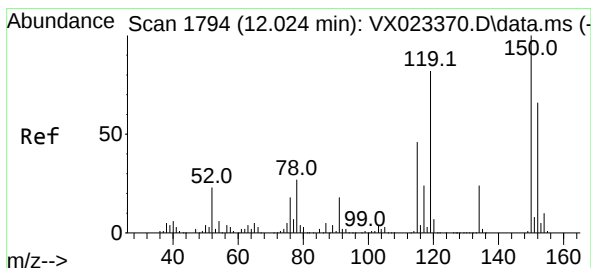
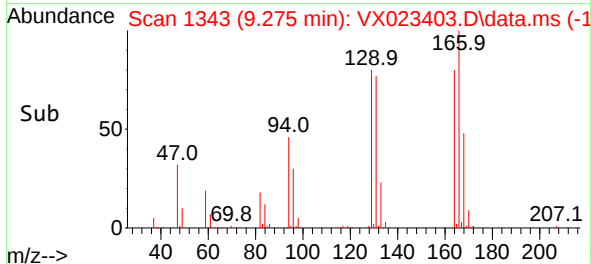
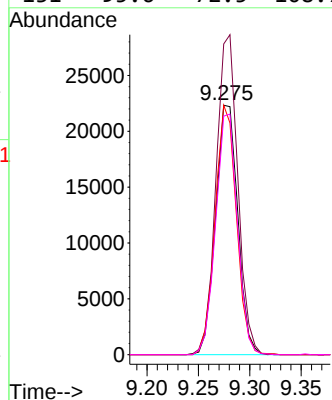


#64
Tetrachloroethene
Concen: 16.351 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

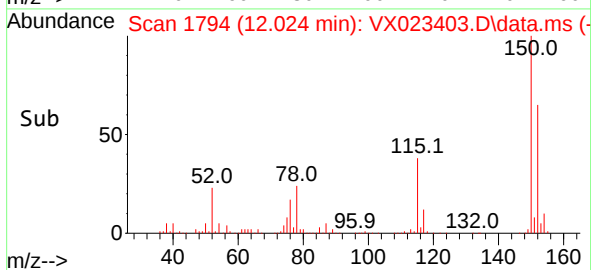
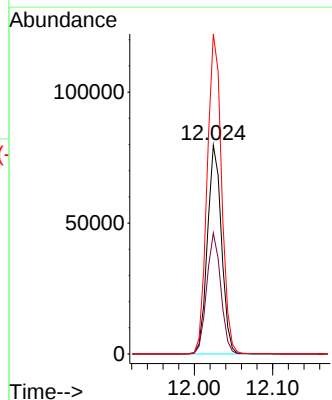
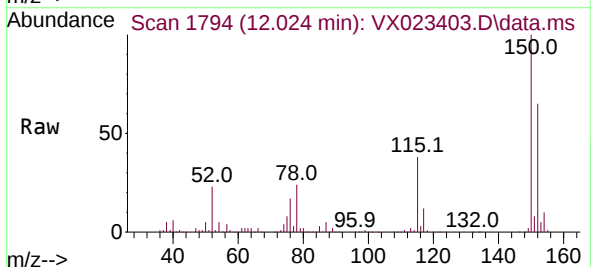


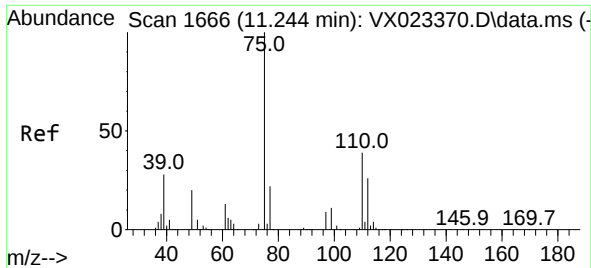
Tgt Ion:164	Resp:	33498
Ion	Ratio	Lower Upper
164	100	
166	124.5	103.4 155.2
129	100.0	70.8 106.2
131	95.6	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Tgt Ion:152	Resp:	99027
Ion	Ratio	Lower Upper
152	100	
115	57.9	41.1 123.3
150	156.7	0.0 349.0

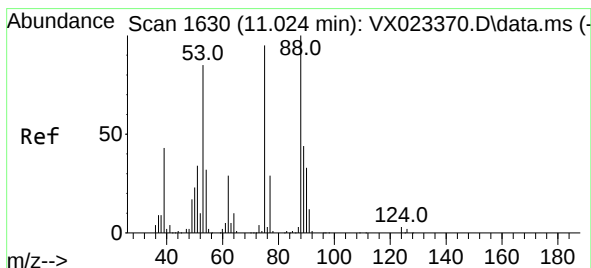
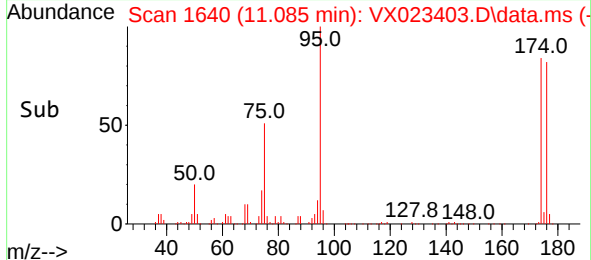
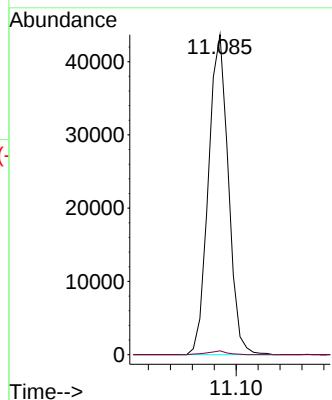
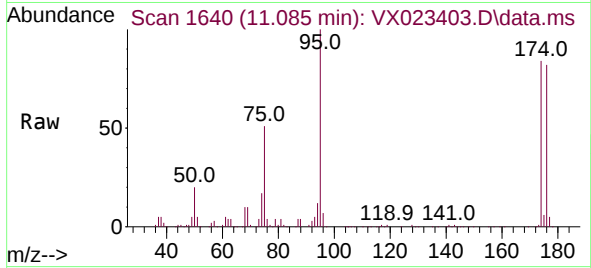




#76
1,2,3-Trichloropropane
Concen: 25.227 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

Tgt Ion: 75 Resp: 54974
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.833 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023403.D
Acq: 23 Jul 2021 03:38

Tgt Ion: 75 Resp: 54974
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

