

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023400.D
 Acq On : 23 Jul 2021 02:27
 Operator : JC/MD
 Sample : M3145-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-3S(ONSITE)

Quant Time: Jul 23 06:12:54 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)

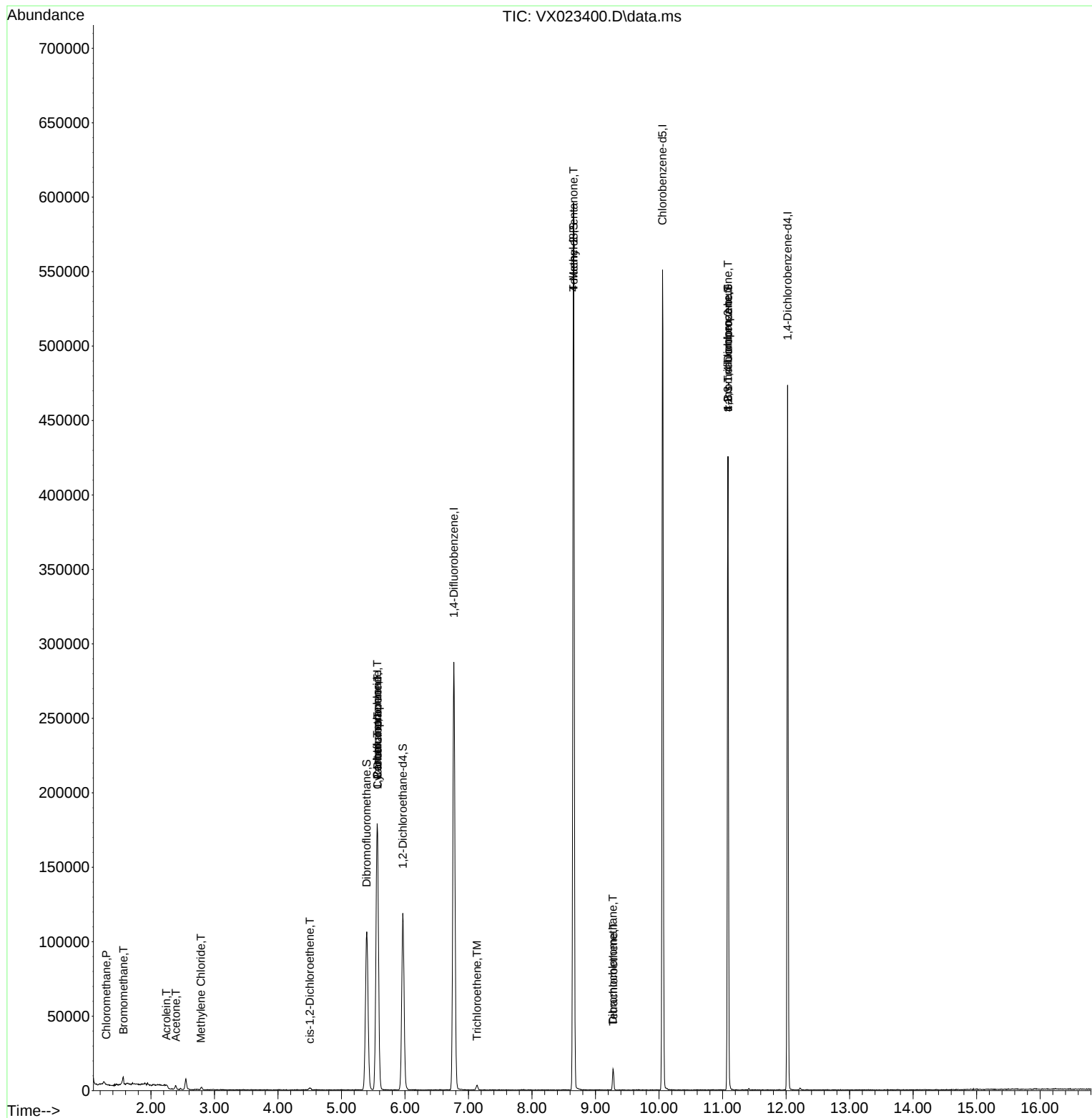
Internal Standards						
1) Pentafluorobenzene	5.562	168	172657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	292066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110974	51.526	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.060%		
35) Dibromofluoromethane	5.397	113	91994	50.377	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.760%		
50) Toluene-d8	8.653	98	347125	51.738	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.480%		
62) 4-Bromofluorobenzene	11.085	95	104246	45.694	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.380%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	473	0.256	ug/l	93
5) Bromomethane	1.569	94	234	0.210	ug/l #	2
13) Acrolein	2.239	56	26	1.467	ug/l #	1
16) Acetone	2.392	43	2884	2.730	ug/l #	82
20) Methylene Chloride	2.788	84	766	0.373	ug/l #	82
27) cis-1,2-Dichloroethene	4.501	96	938	0.448	ug/l	65
31) Cyclohexane	5.568	56	3487	1.093	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	12767	4.832	ug/l #	41
38) Carbon Tetrachloride	5.562	117	17171	6.391	ug/l #	15
44) Trichloroethene	7.135	130	1174	0.546	ug/l	78
51) 4-Methyl-2-Pentanone	8.653	43	1647	0.522	ug/l #	1
60) Dibromochloromethane	9.275	129	2673	3.162	ug/l #	11
64) Tetrachloroethene	9.281	164	2653	1.325	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	53701	25.840	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53701	69.480	ug/l #	12

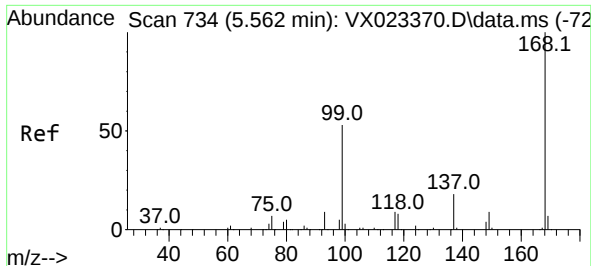
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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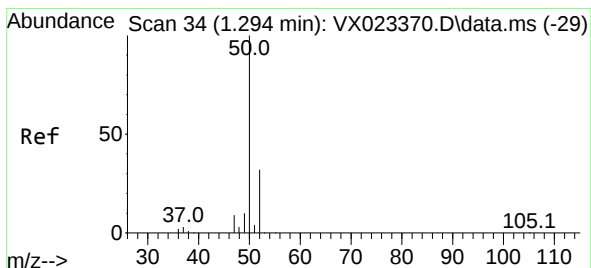
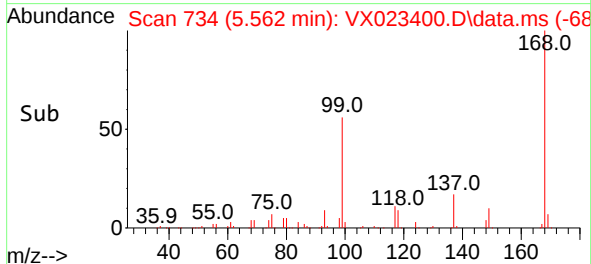
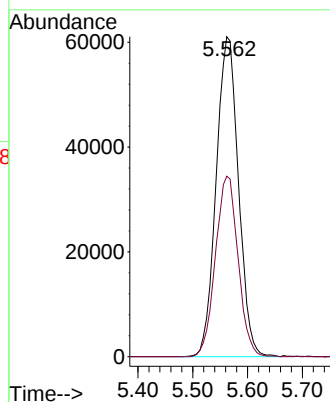
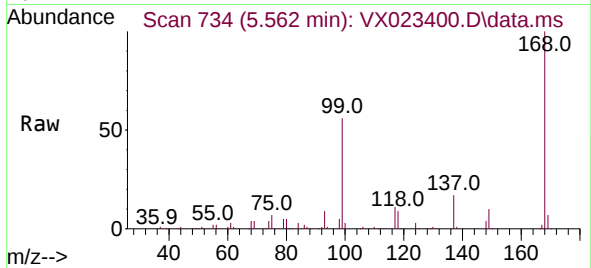




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

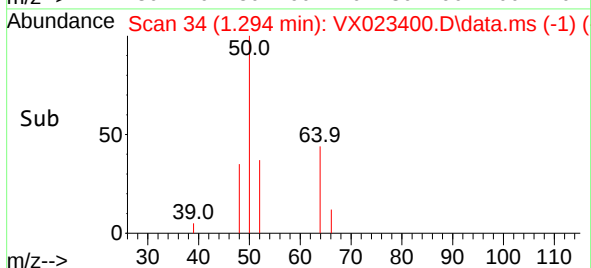
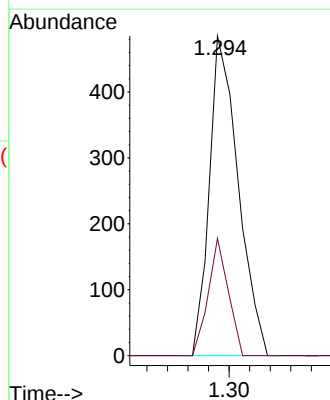
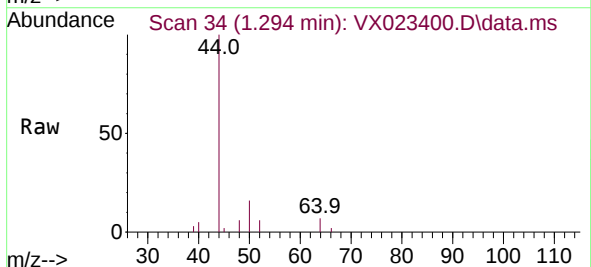
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3S(ONSITE)

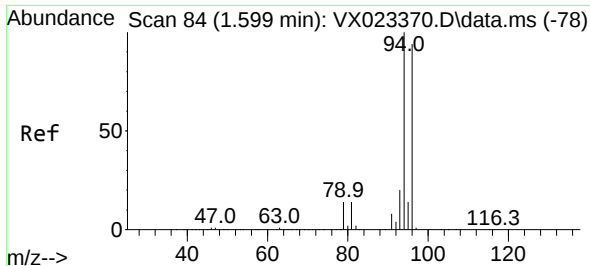
Tgt Ion:168 Resp: 172657
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#3
Chloromethane
Concen: 0.256 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

Tgt Ion: 50 Resp: 473
Ion Ratio Lower Upper
50 100
52 36.7 26.4 39.6

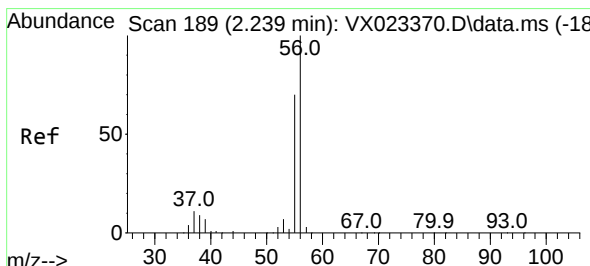
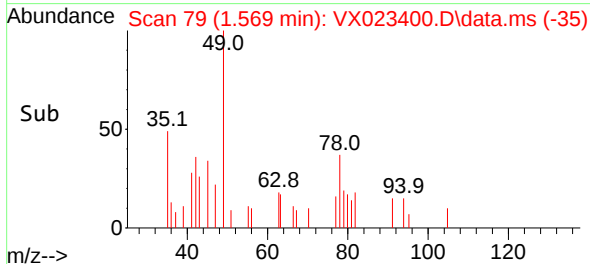
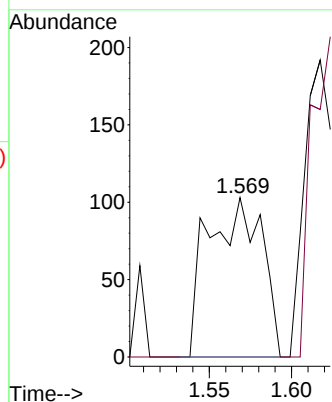
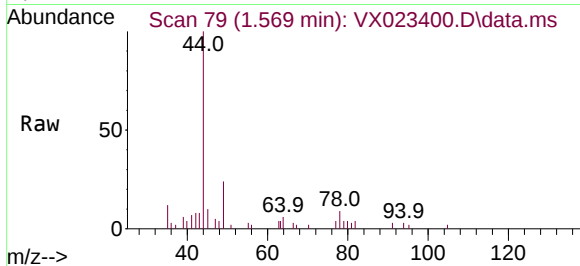




#5
Bromomethane
Concen: 0.210 ug/l
RT: 1.569 min Scan# 79
Delta R.T. -0.030 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

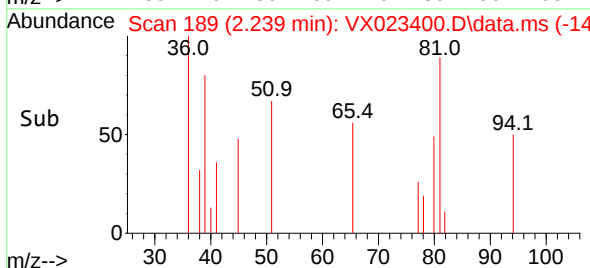
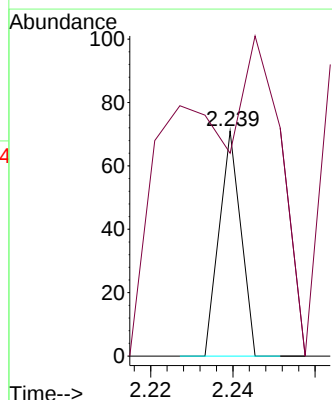
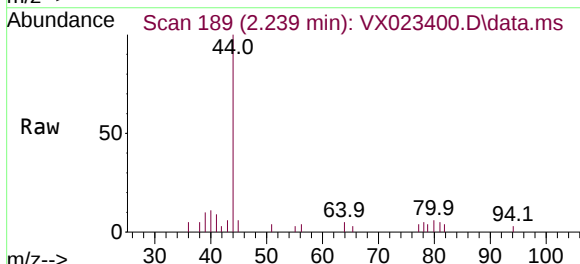
Instrument :
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ClientSampleId :
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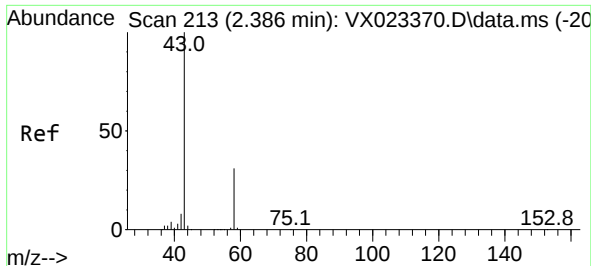
Tgt Ion: 94 Resp: 234
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#13
Acrolein
Concen: 1.467 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 646.2 56.4 84.6#

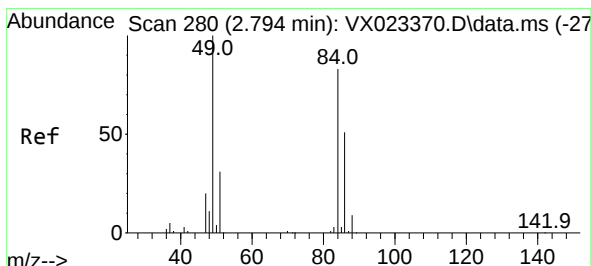
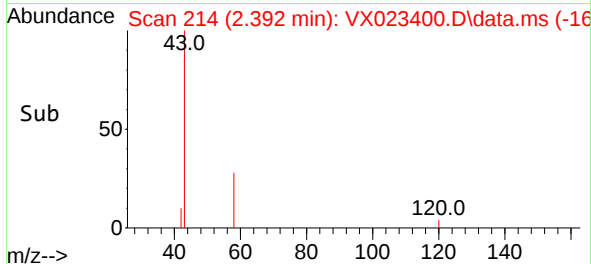
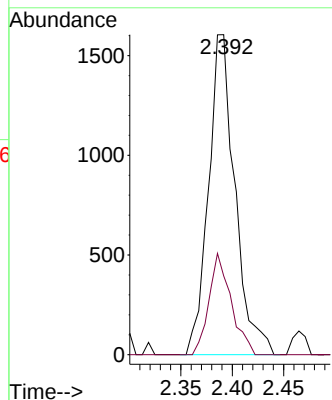
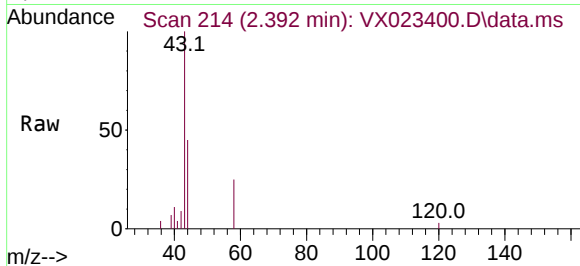




#16
Acetone
Concen: 2.730 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

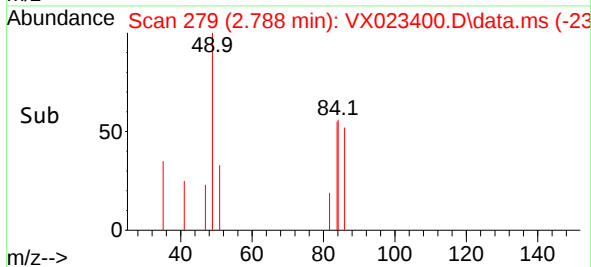
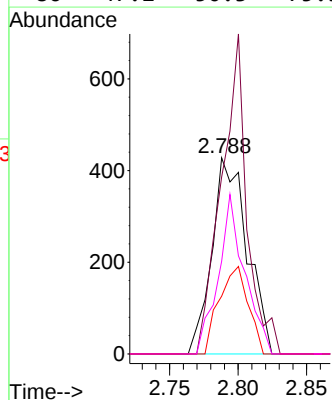
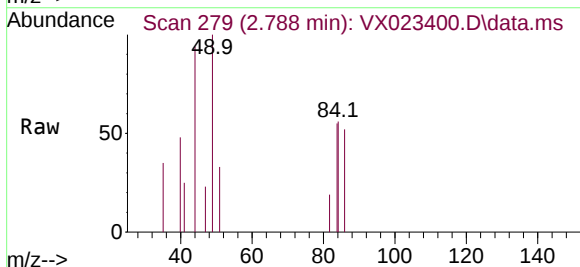
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3S(ONSITE)

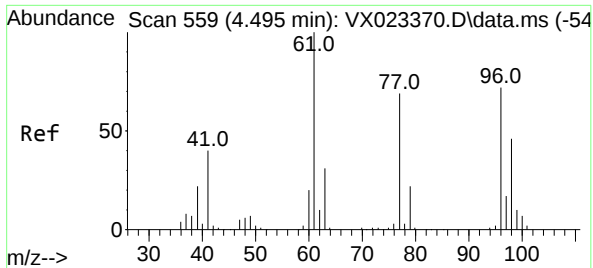
Tgt Ion: 43 Resp: 2884
Ion Ratio Lower Upper
43 100
58 24.6 27.8 41.8#



#20
Methylene Chloride
Concen: 0.373 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

Tgt Ion: 84 Resp: 766
Ion Ratio Lower Upper
84 100
49 90.2 88.6 132.8
51 29.4 27.0 40.6
86 47.2 50.3 75.5#

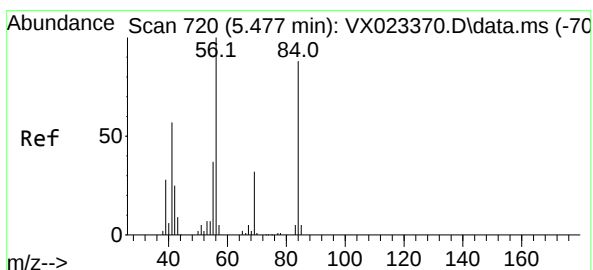
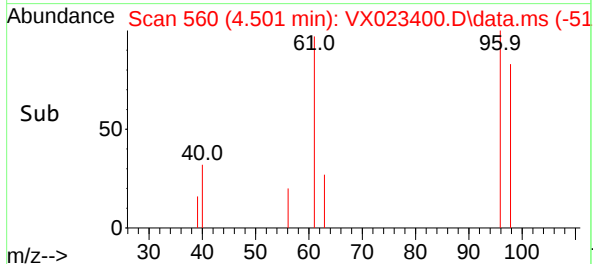
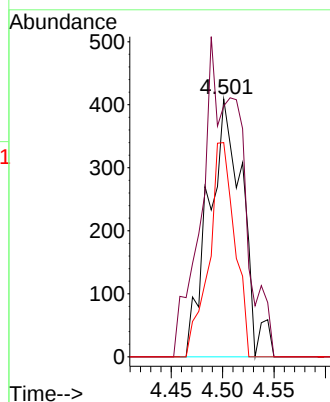
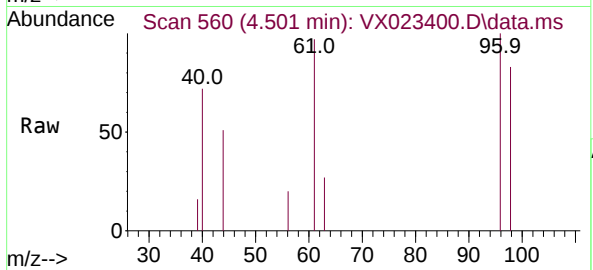




#27
 cis-1,2-Dichloroethene
 Concen: 0.448 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: VX023400.D
 Acq: 23 Jul 2021 02:27

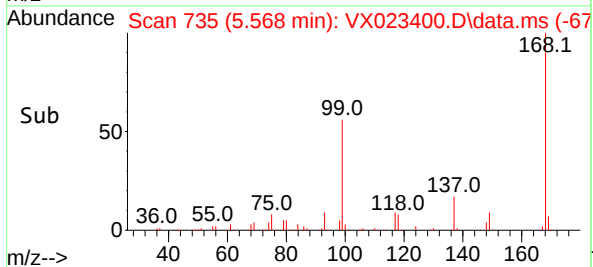
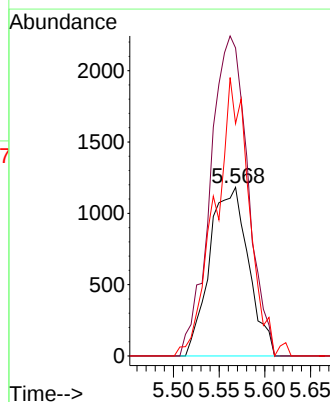
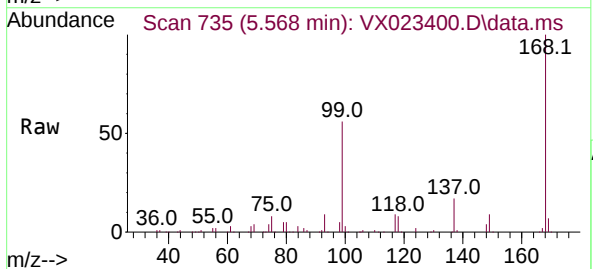
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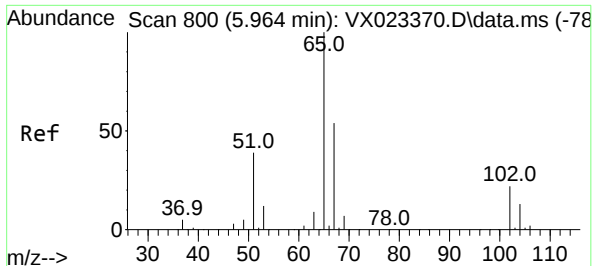
Tgt Ion: 96	Resp:	938	
Ion	Ratio	Lower	Upper
96	100		
61	80.5	0.0	285.6
98	63.1	0.0	129.6



#31
 Cyclohexane
 Concen: 1.093 ug/l
 RT: 5.568 min Scan# 735
 Delta R.T. 0.091 min
 Lab File: VX023400.D
 Acq: 23 Jul 2021 02:27

Tgt Ion: 56	Resp:	3487	
Ion	Ratio	Lower	Upper
56	100		
69	182.7	25.3	37.9#
84	132.4	71.4	107.0#

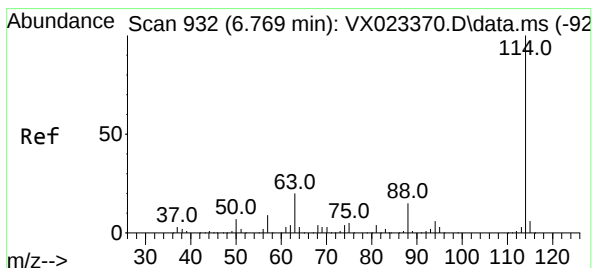
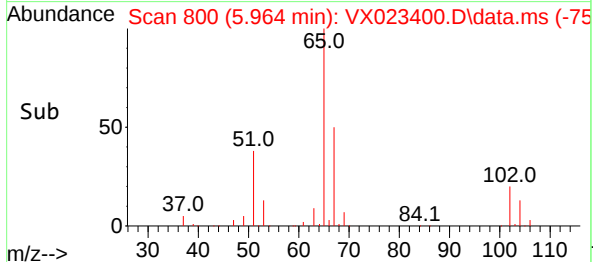
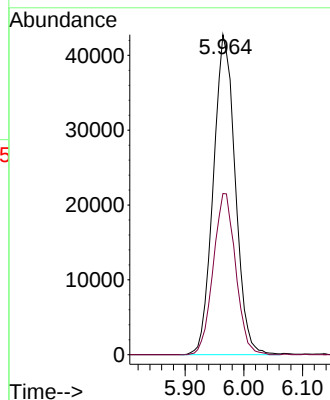
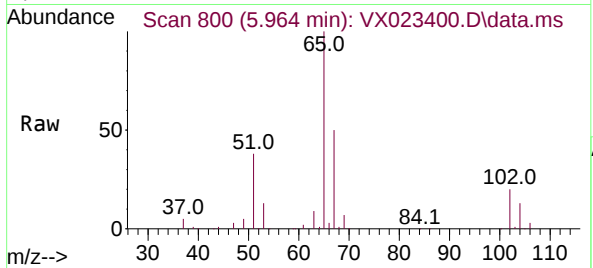




#33
 1,2-Dichloroethane-d4
 Concen: 51.526 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023400.D
 Acq: 23 Jul 2021 02:27

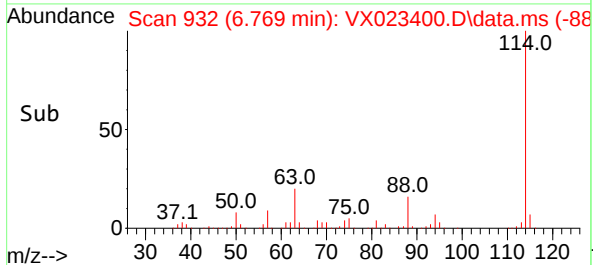
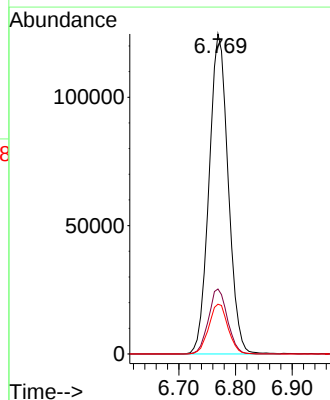
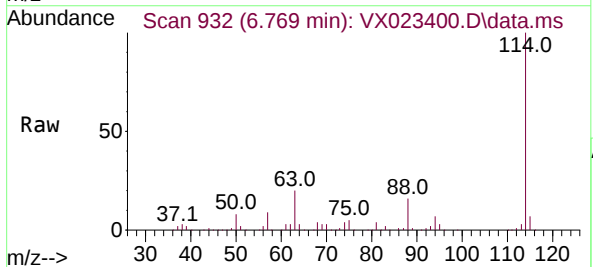
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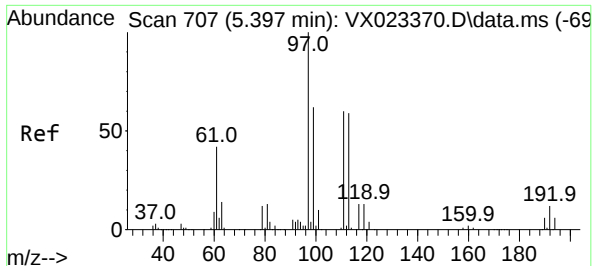
Tgt Ion: 65 Resp: 110974
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX023400.D
 Acq: 23 Jul 2021 02:27

Tgt Ion: 114 Resp: 292066
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.5 0.0 32.8

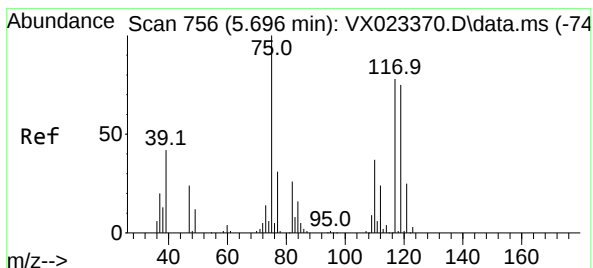
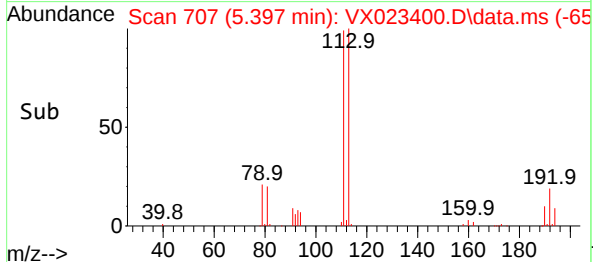
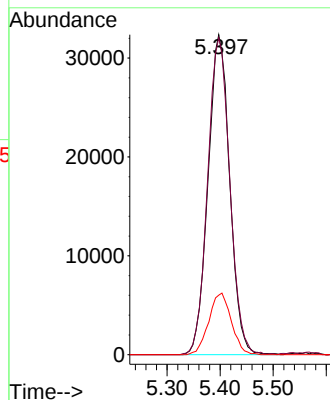
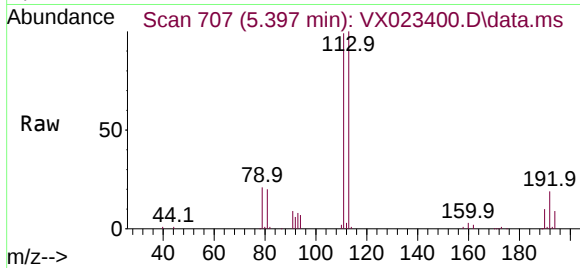




#35
Dibromofluoromethane
Concen: 50.377 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

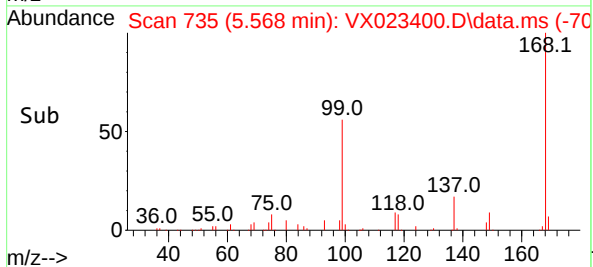
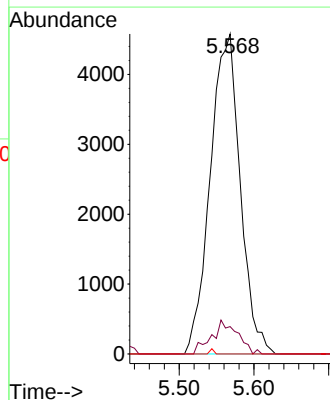
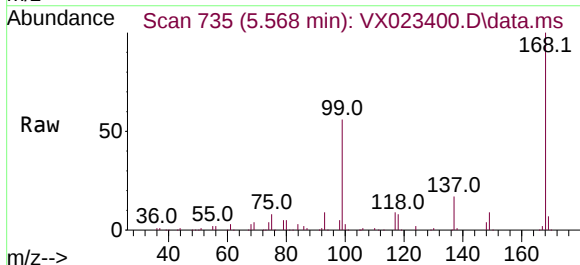
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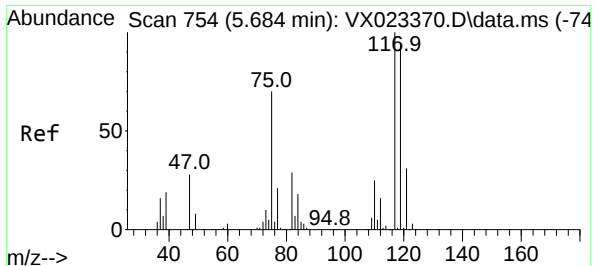
Tgt Ion:	113	Resp:	91994
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	20.0	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.128 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

Tgt Ion:	75	Resp:	12767
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.0	25.3	37.9#





#38

Carbon Tetrachloride

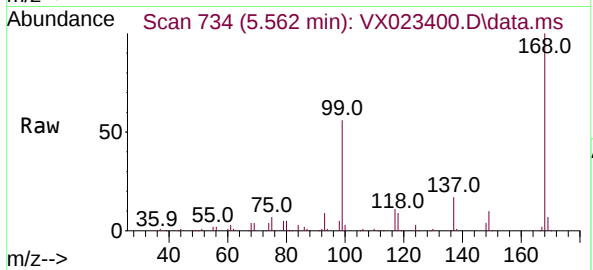
Concen: 6.391 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX023400.D

Acq: 23 Jul 2021 02:27



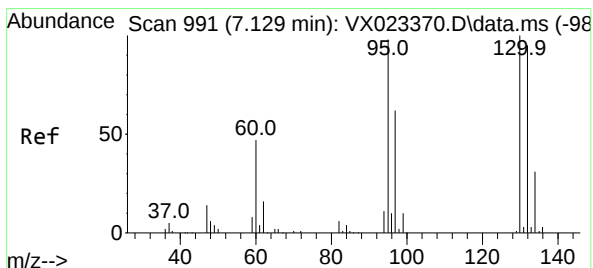
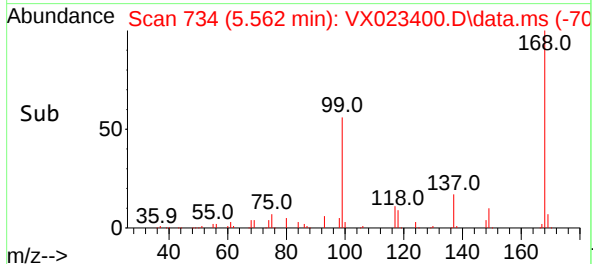
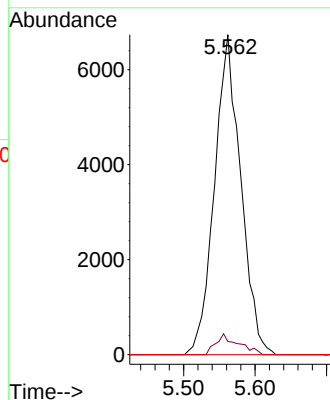
Tgt Ion:117 Resp: 17171

Ion Ratio Lower Upper

117 100

119 4.1 76.2 114.2#

121 0.0 24.8 37.2#



#44

Trichloroethene

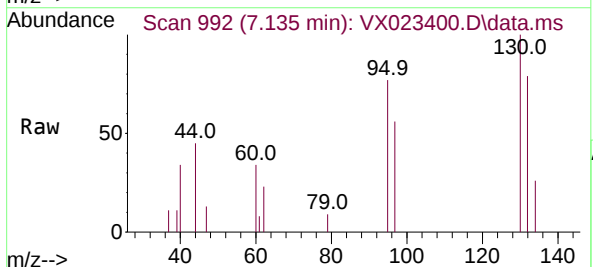
Concen: 0.546 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX023400.D

Acq: 23 Jul 2021 02:27

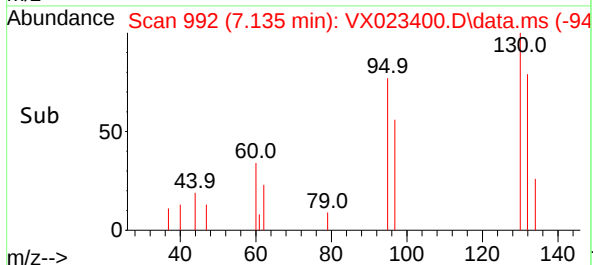
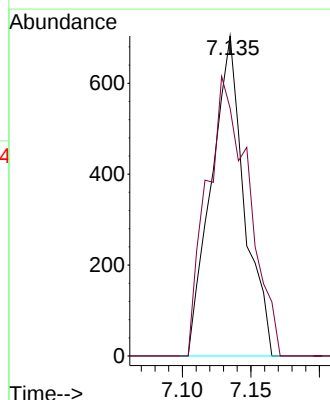


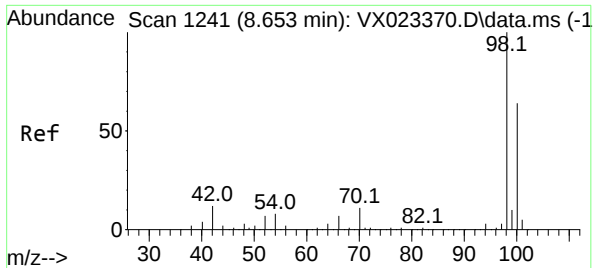
Tgt Ion:130 Resp: 1174

Ion Ratio Lower Upper

130 100

95 77.4 0.0 198.0

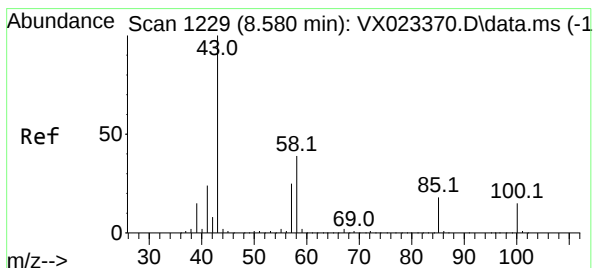
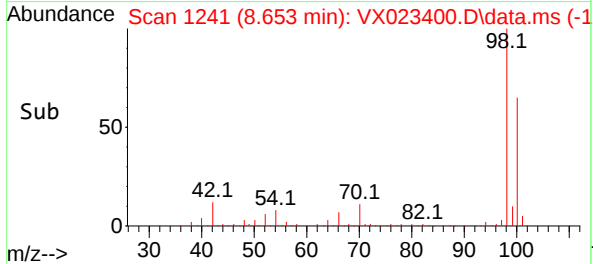
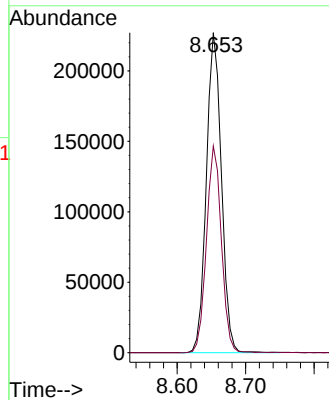
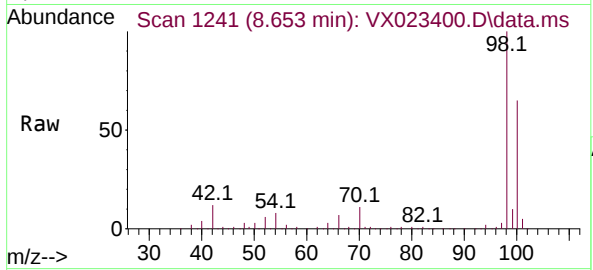




#50
Toluene-d8
Concen: 51.738 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

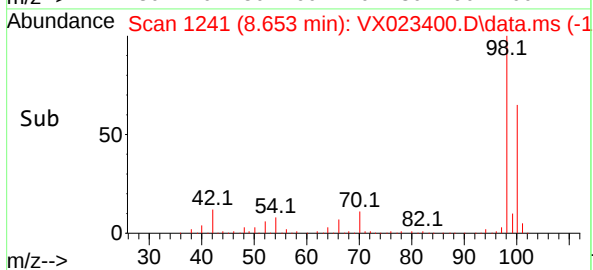
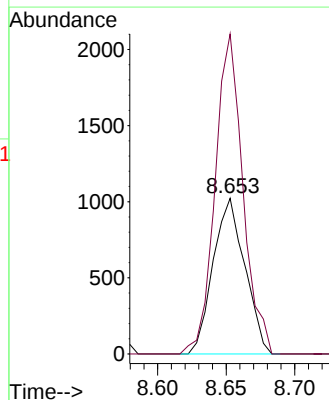
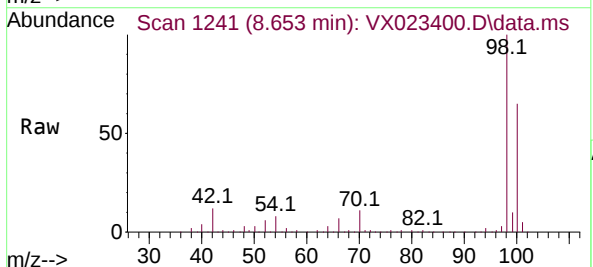
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3S(ONSITE)

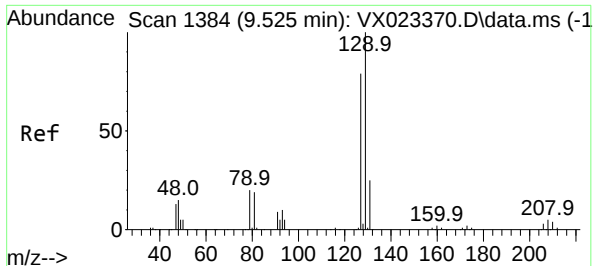
Tgt Ion: 98 Resp: 347125
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

Tgt Ion: 43 Resp: 1647
Ion Ratio Lower Upper
43 100
58 180.4 35.4 53.0#





#60

Dibromochloromethane

Concen: 3.162 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023400.D

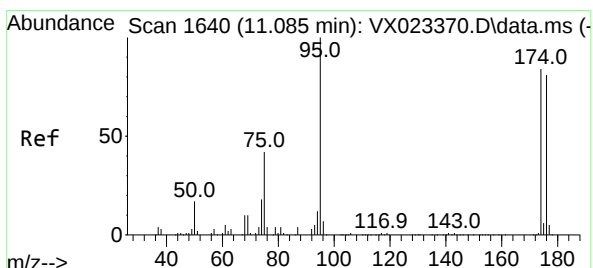
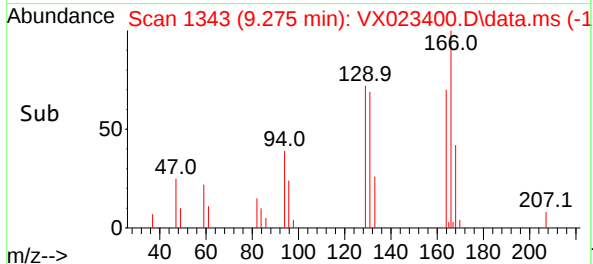
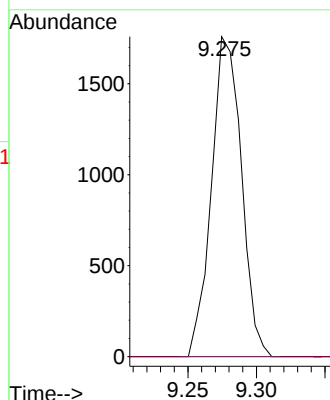
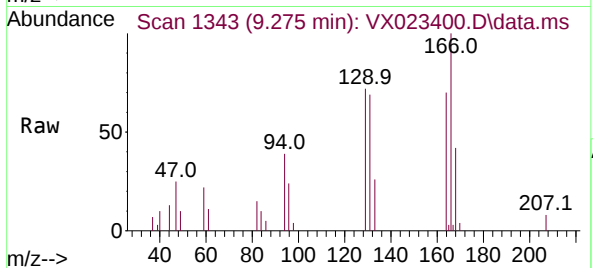
Acq: 23 Jul 2021 02:27

Tgt Ion:129 Resp: 2673

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 45.694 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023400.D

Acq: 23 Jul 2021 02:27

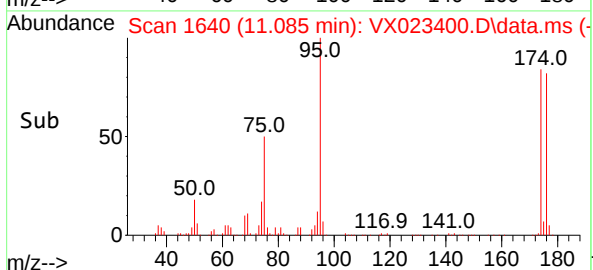
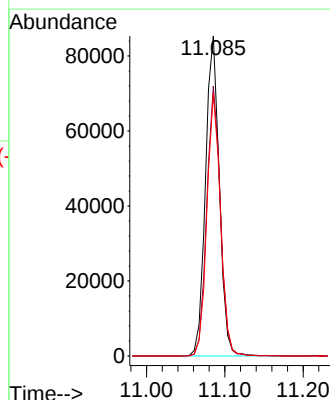
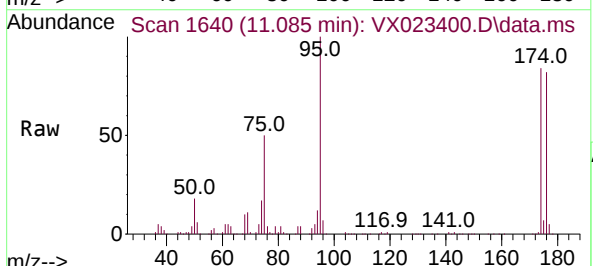
Tgt Ion: 95 Resp: 104246

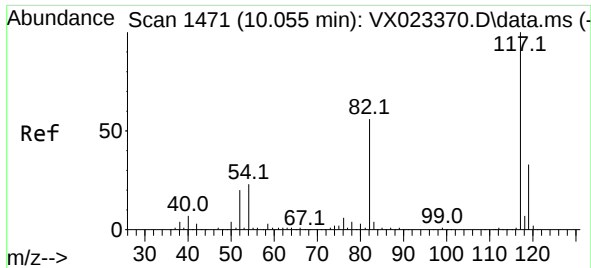
Ion Ratio Lower Upper

95 100

174 83.6 0.0 154.6

176 80.4 0.0 155.8

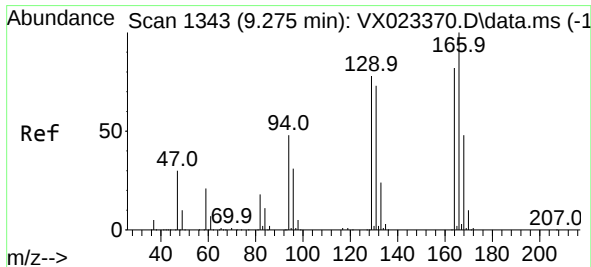
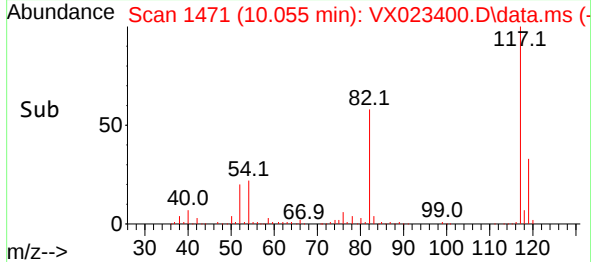
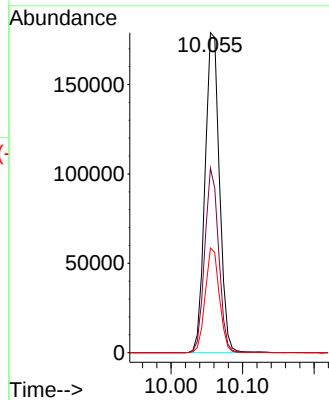
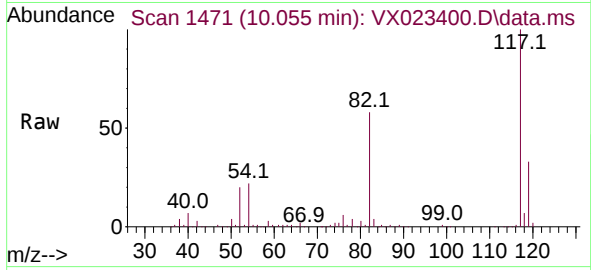




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

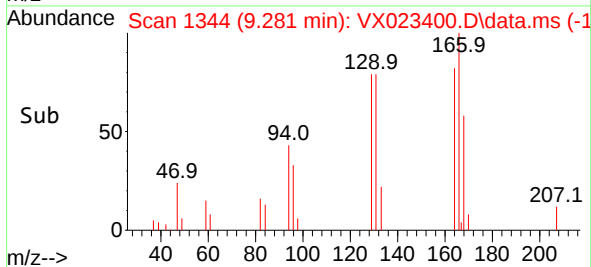
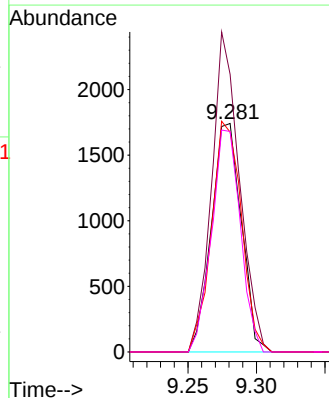
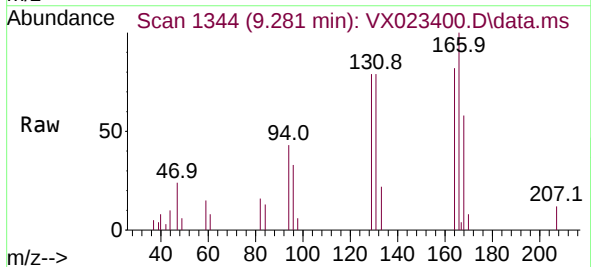
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3S(ONSITE)

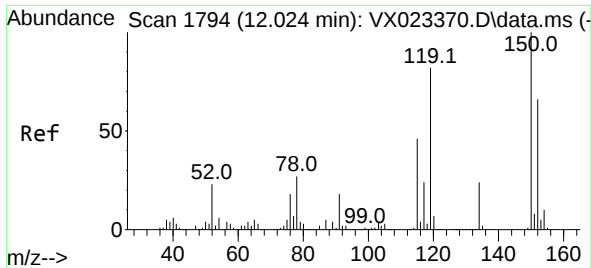
Tgt Ion:117 Resp: 251503
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.7 26.6 39.8



#64
Tetrachloroethene
Concen: 1.325 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023400.D
Acq: 23 Jul 2021 02:27

Tgt Ion:164 Resp: 2653
Ion Ratio Lower Upper
164 100
166 121.5 103.4 155.2
129 96.2 70.8 106.2
131 96.5 72.5 108.7

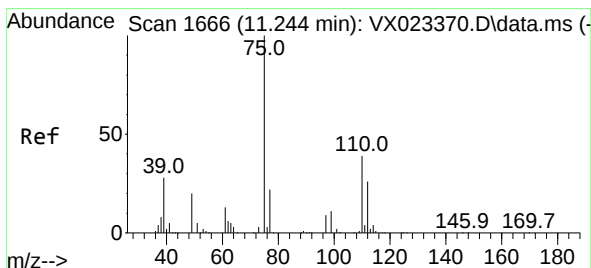
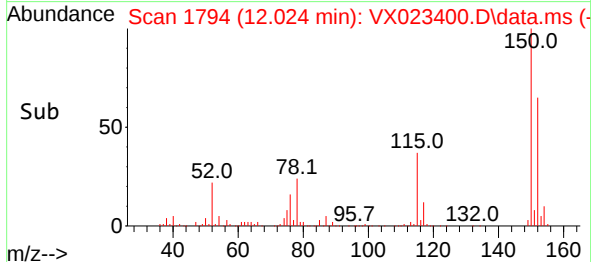
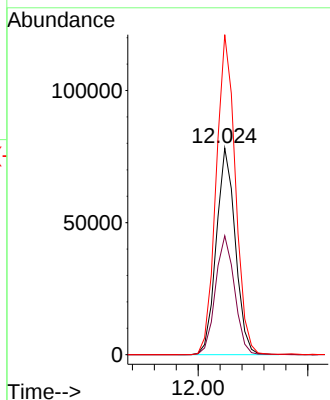
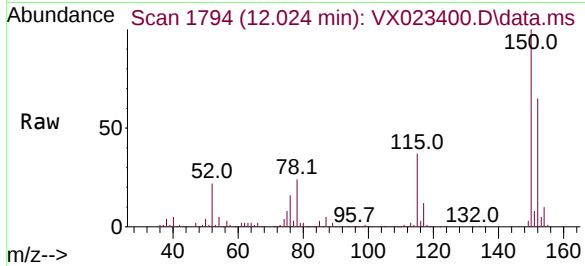




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023400.D
 Acq: 23 Jul 2021 02:27

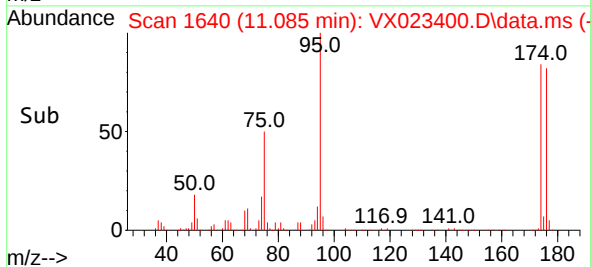
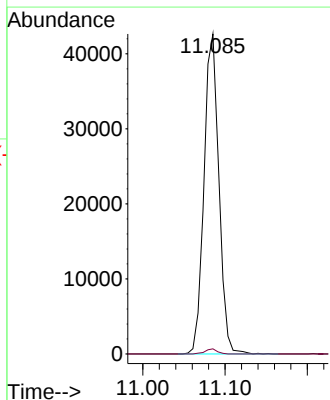
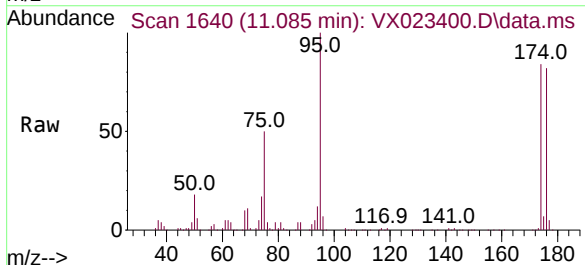
Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-3S(ONSITE)

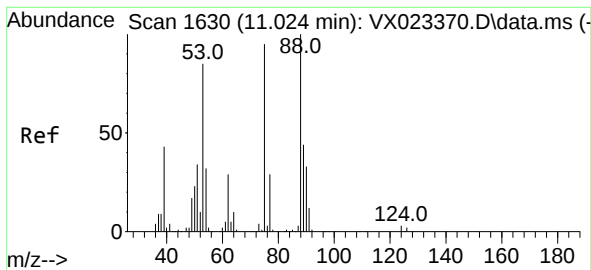
Tgt Ion:152 Resp: 94440
 Ion Ratio Lower Upper
 152 100
 115 57.7 41.1 123.3
 150 156.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.840 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023400.D
 Acq: 23 Jul 2021 02:27

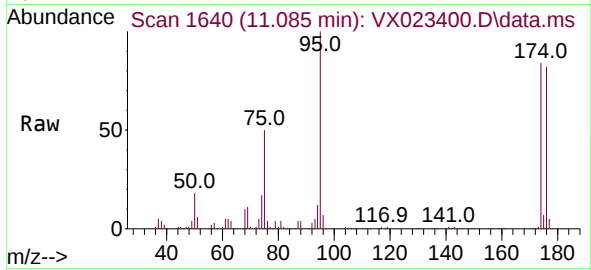
Tgt Ion: 75 Resp: 53701
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.480 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023400.D
 Acq: 23 Jul 2021 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-3S(ONSITE)



Tgt Ion: 75 Resp: 53701
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

