

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023399.D
 Acq On : 23 Jul 2021 02:04
 Operator : JC/MD
 Sample : M3145-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-14D

Quant Time: Jul 23 06:12:42 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)

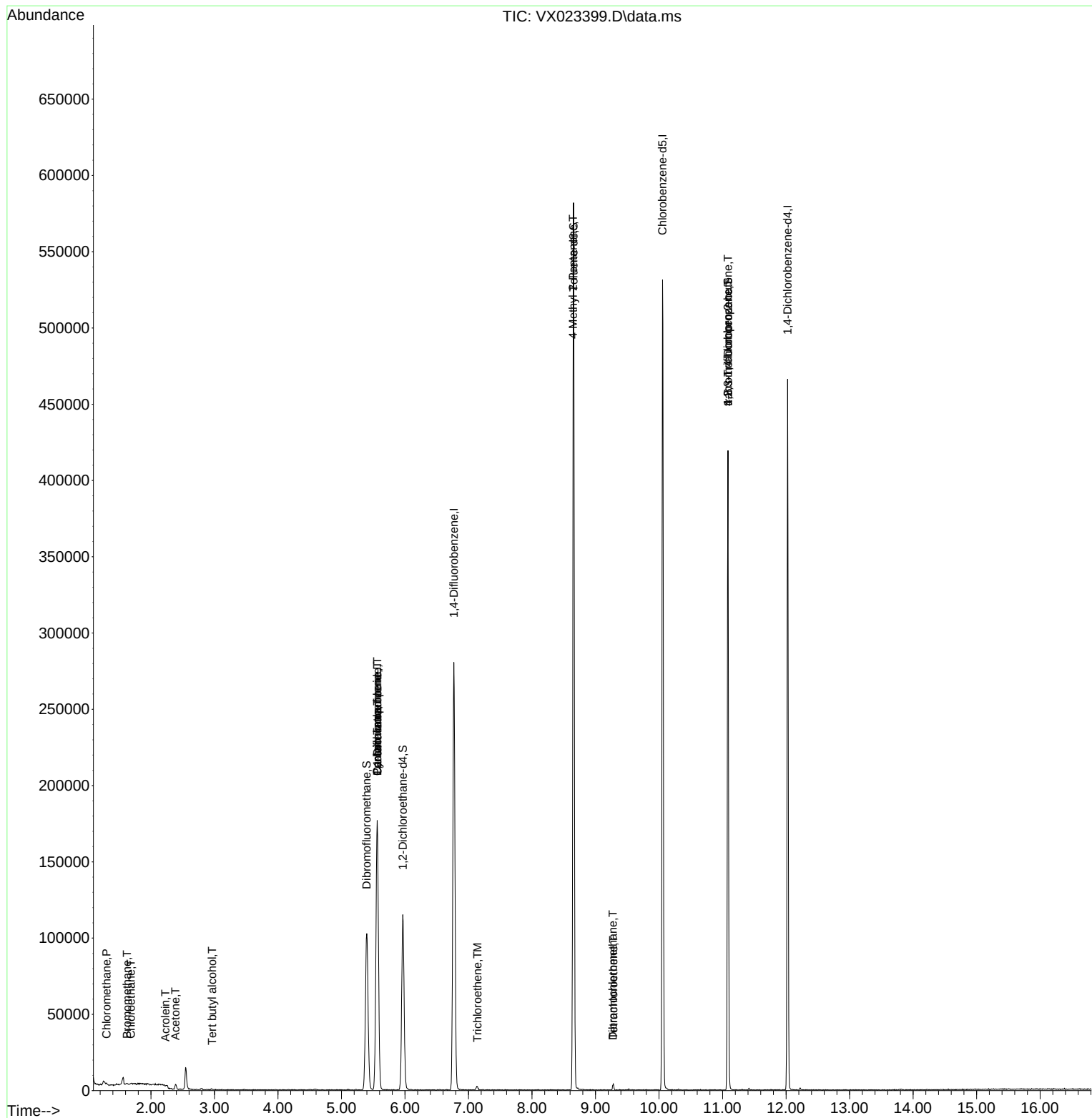
Internal Standards						
1) Pentafluorobenzene	5.562	168	167191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	284618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108680	52.111	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.220%		
35) Dibromofluoromethane	5.397	113	89040	50.035	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.060%		
50) Toluene-d8	8.653	98	339627	51.946	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.900%		
62) 4-Bromofluorobenzene	11.085	95	104302	46.915	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.820%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	434	0.242	ug/l #	79
5) Bromomethane	1.624	94	421	0.391	ug/l	94
6) Chloroethane	1.685	64	263	0.236	ug/l #	43
11) Tert butyl alcohol	2.965	59	168	0.353	ug/l #	73
13) Acrolein	2.227	56	19	1.442	ug/l #	1
16) Acetone	2.386	43	3724	3.640	ug/l	89
31) Cyclohexane	5.562	56	3752	1.214	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12319	4.785	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16863	6.440	ug/l #	16
44) Trichloroethene	7.141	130	953	0.454	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1784	0.580	ug/l #	1
60) Dibromochloromethane	9.275	129	631	2.269	ug/l #	11
64) Tetrachloroethene	9.281	164	797	0.407	ug/l #	72
76) 1,2,3-Trichloropropane	11.085	75	52283	25.449	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52283	68.430	ug/l #	12

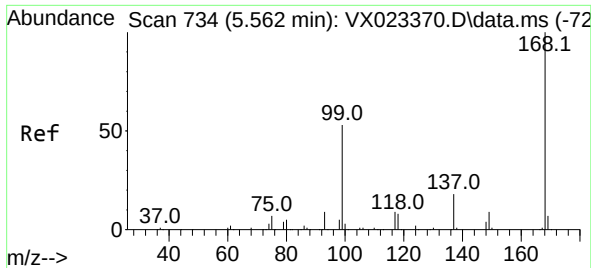
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 23 06:12:42 2021
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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

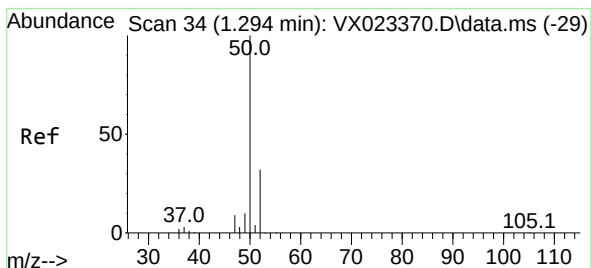
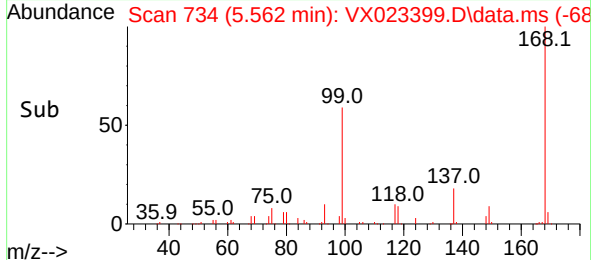
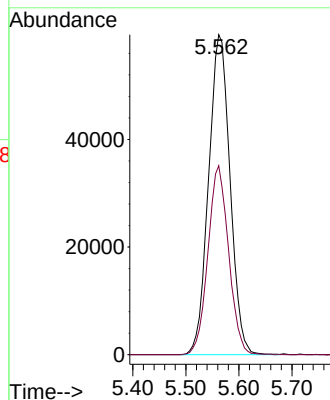
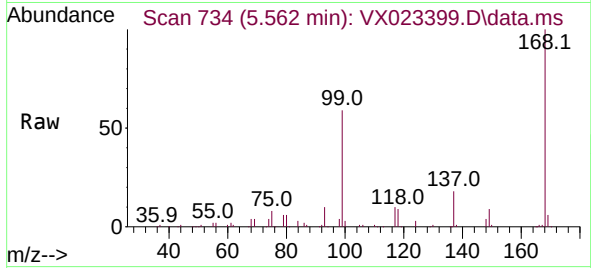




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

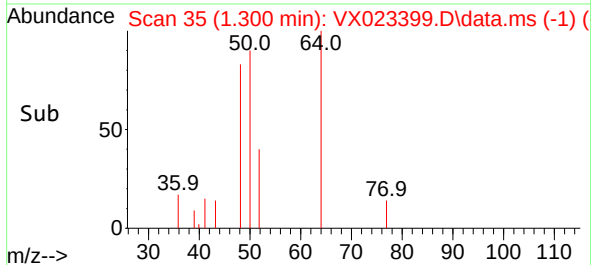
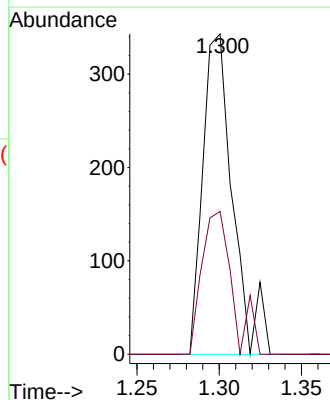
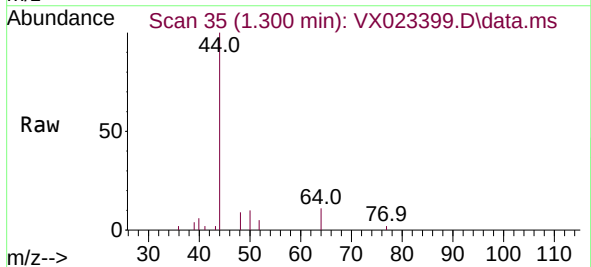
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-14D

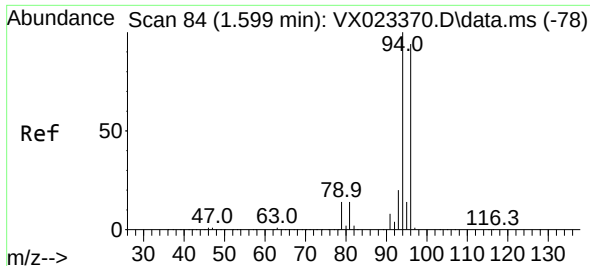
Tgt Ion:168 Resp: 167191
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#3
Chloromethane
Concen: 0.242 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Tgt Ion: 50 Resp: 434
Ion Ratio Lower Upper
50 100
52 44.6 26.4 39.6#

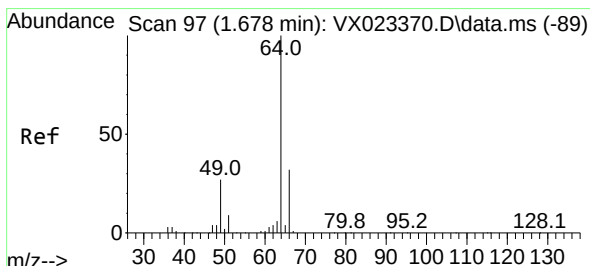
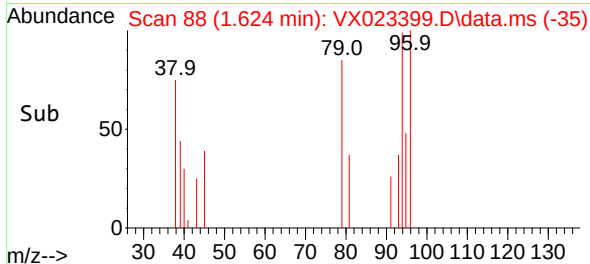
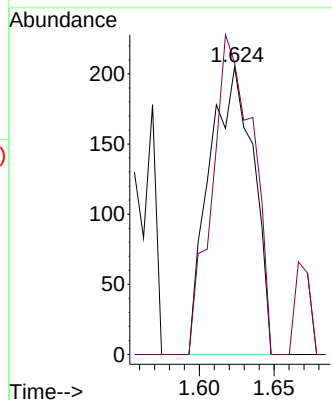
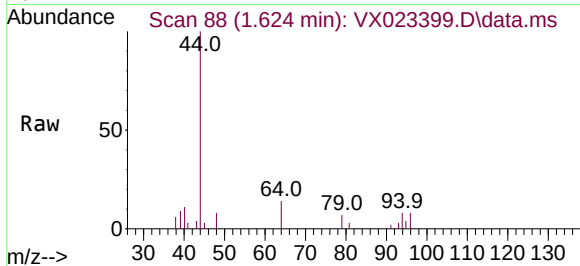




#5
Bromomethane
Concen: 0.391 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

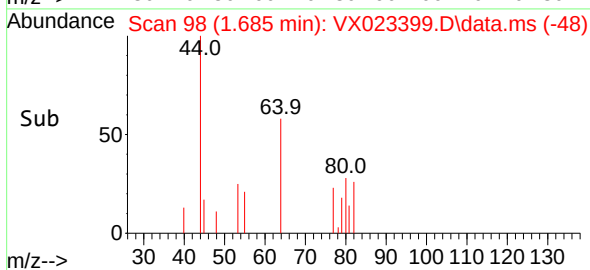
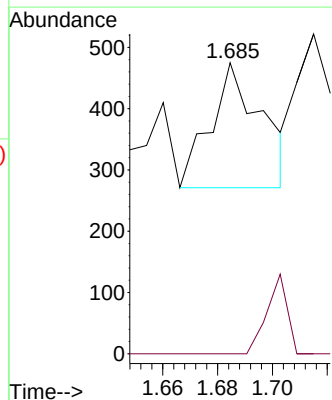
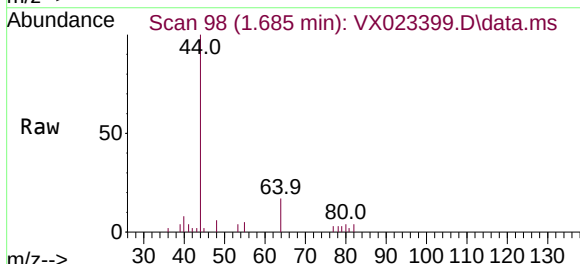
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-14D

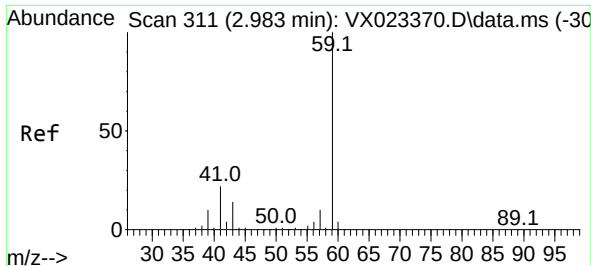
Tgt Ion: 94 Resp: 421
Ion Ratio Lower Upper
94 100
96 101.5 76.4 114.6



#6
Chloroethane
Concen: 0.236 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Tgt Ion: 64 Resp: 263
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



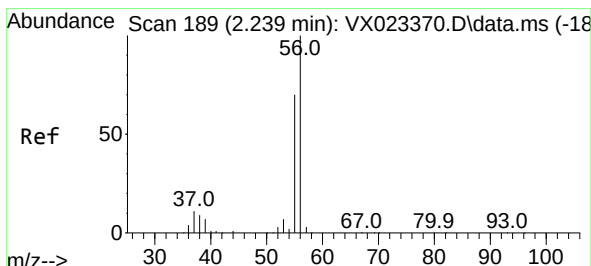
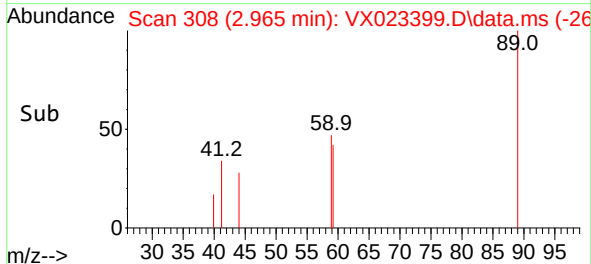
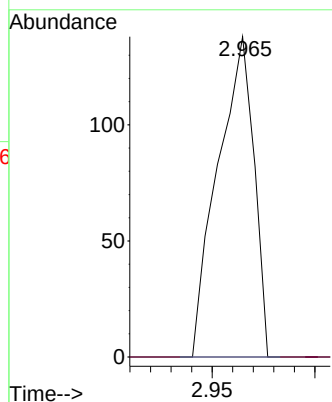
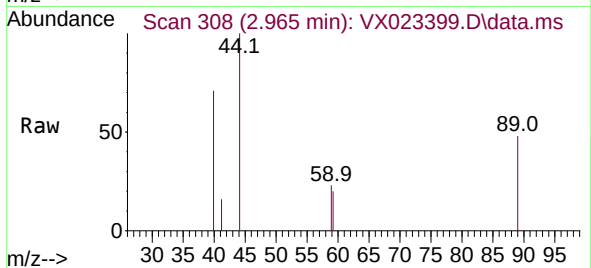


#11

Tert butyl alcohol
Concen: 0.353 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-14D

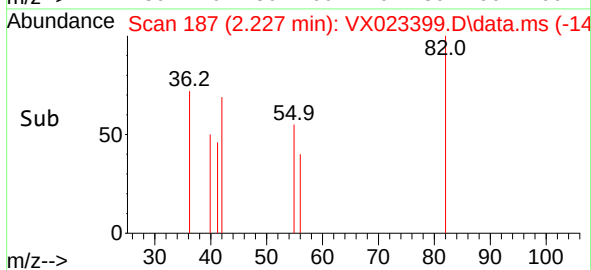
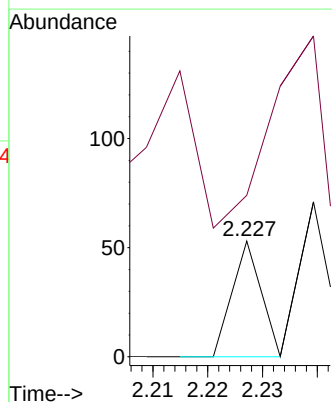
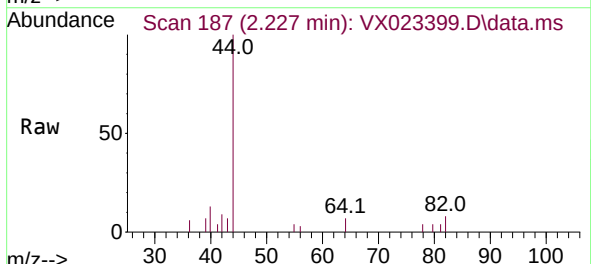
Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

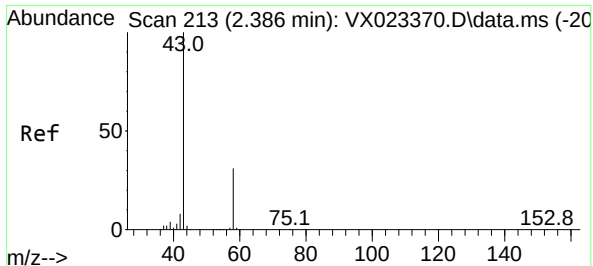


#13

Acrolein
Concen: 1.442 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 663.2 56.4 84.6#

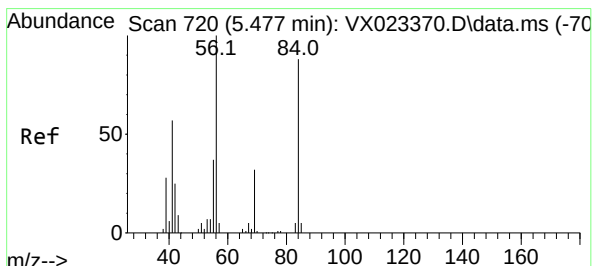
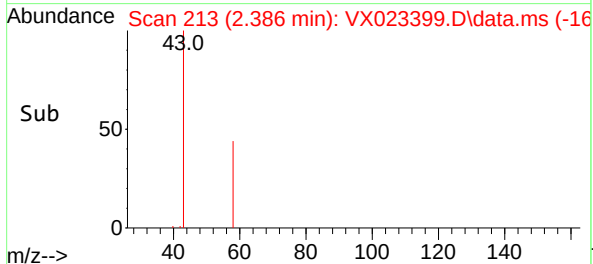
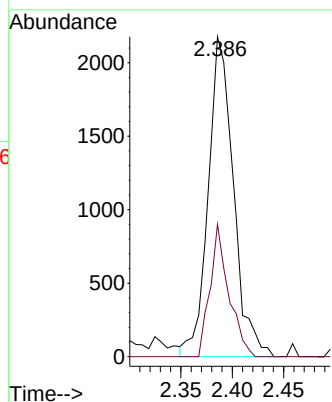
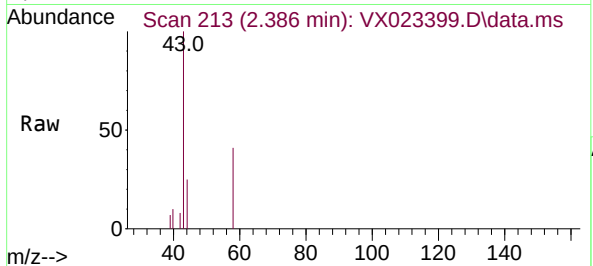




#16
Acetone
Concen: 3.640 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

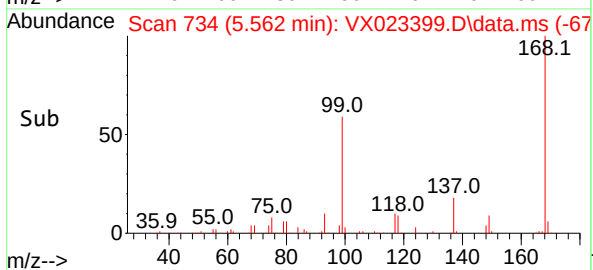
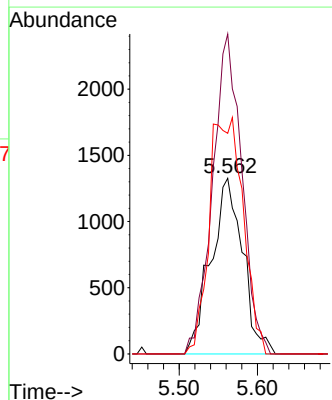
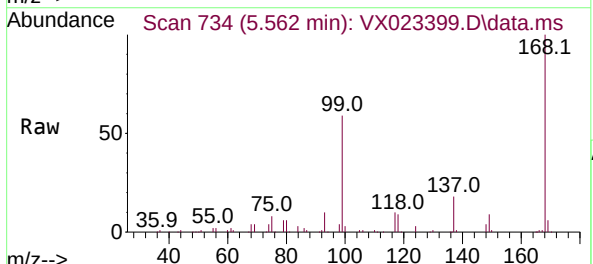
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-14D

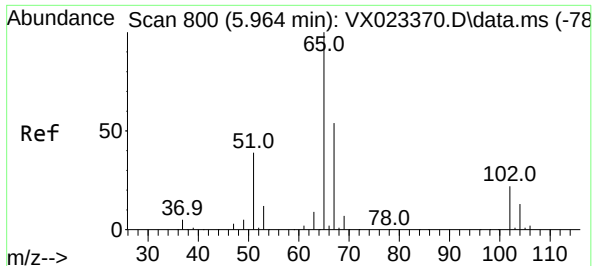
Tgt Ion: 43 Resp: 3724
Ion Ratio Lower Upper
43 100
58 41.4 27.8 41.8



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Tgt Ion: 56 Resp: 3752
Ion Ratio Lower Upper
56 100
69 182.1 25.3 37.9#
84 125.6 71.4 107.0#



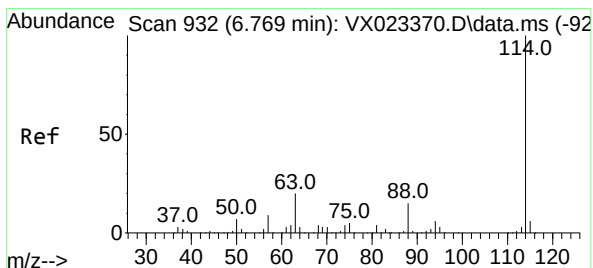
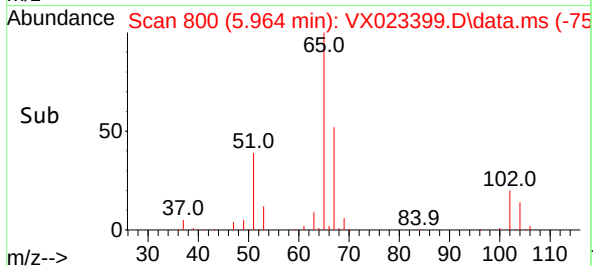
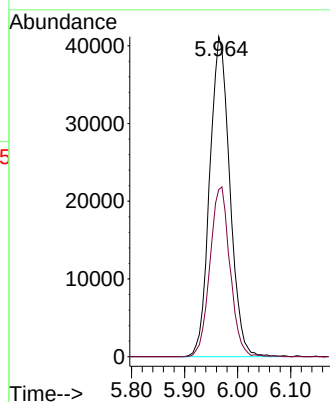
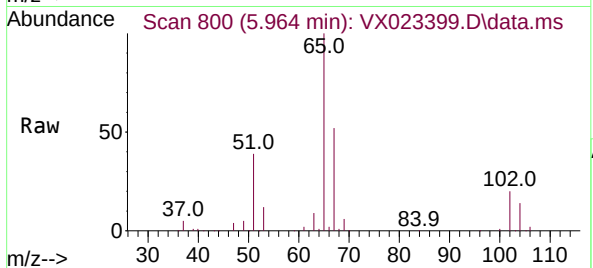


#33

1,2-Dichloroethane-d4
Concen: 52.111 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-14D

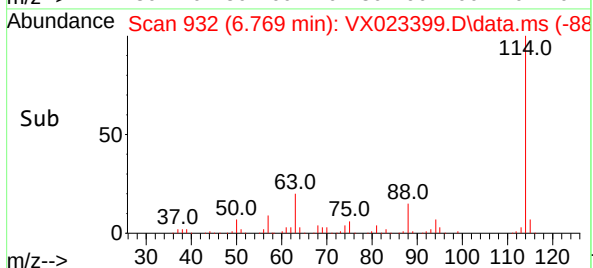
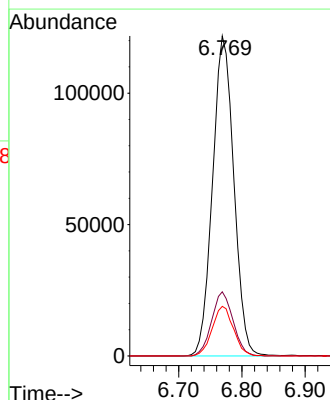
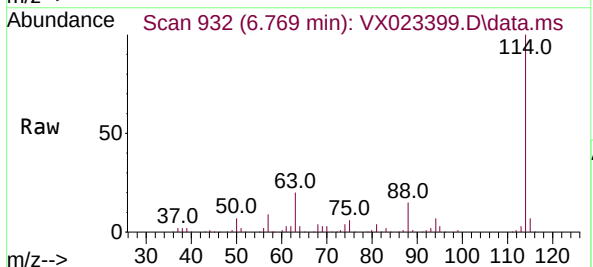
Tgt Ion: 65 Resp: 108680
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

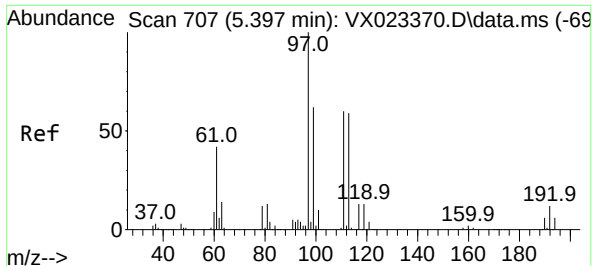


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Tgt Ion: 114 Resp: 284618
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.035 ug/l

RT: 5.397 min Scan# 707

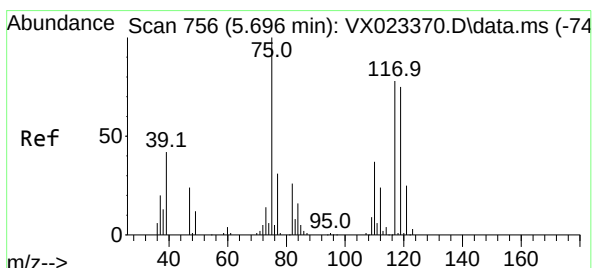
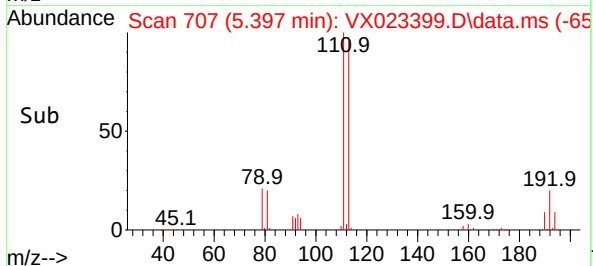
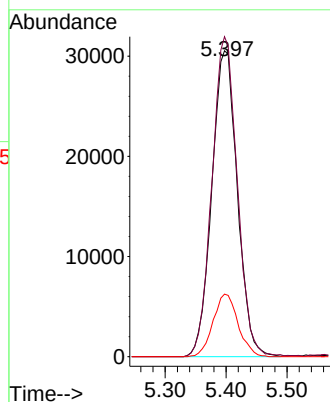
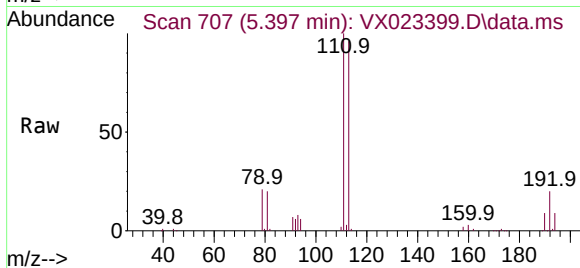
Delta R.T. 0.000 min

Lab File: VX023399.D

Acq: 23 Jul 2021 02:04

Tgt Ion:	113	Resp:	89040
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	20.0	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
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#36

1,1-Dichloropropene

Concen: 4.785 ug/l

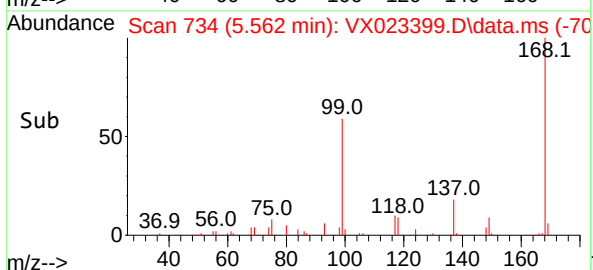
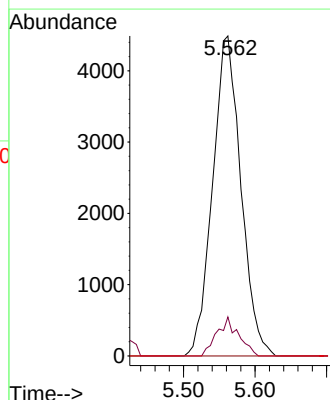
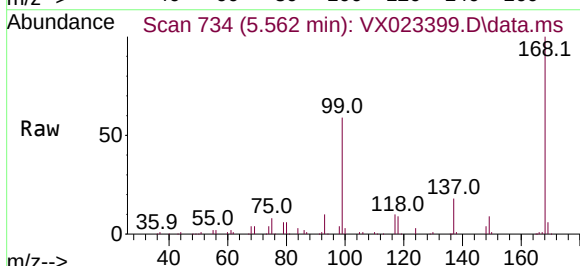
RT: 5.562 min Scan# 734

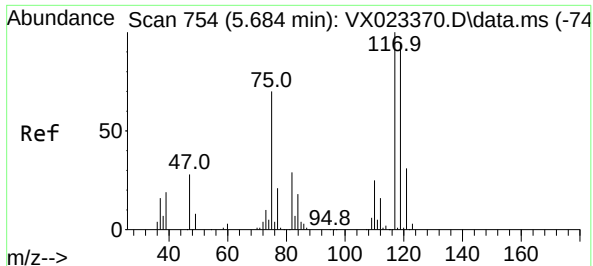
Delta R.T. -0.134 min

Lab File: VX023399.D

Acq: 23 Jul 2021 02:04

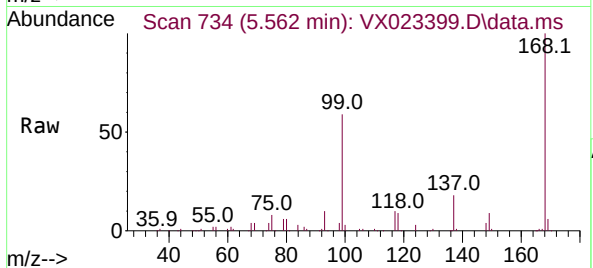
Tgt Ion:	75	Resp:	12319
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#



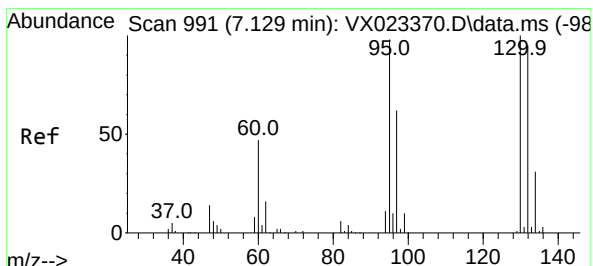
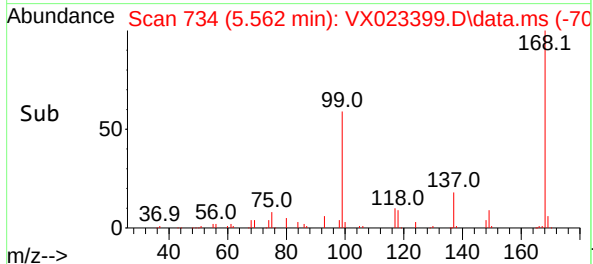
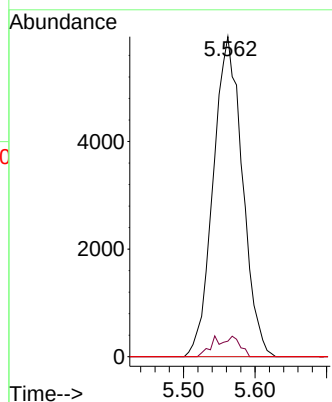


#38
Carbon Tetrachloride
Concen: 6.440 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-14D

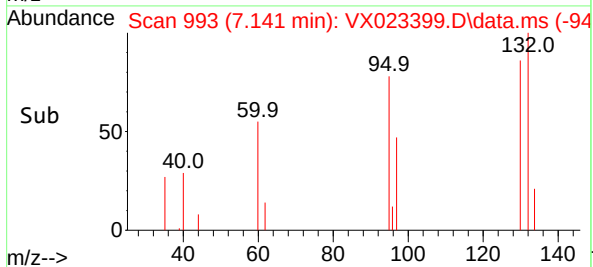
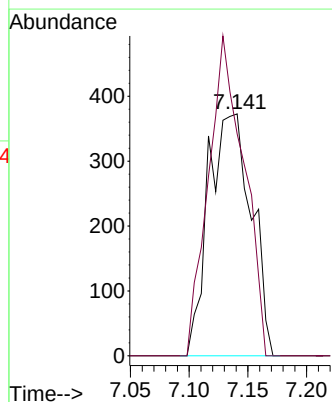
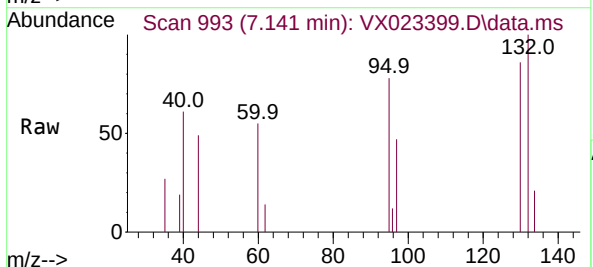


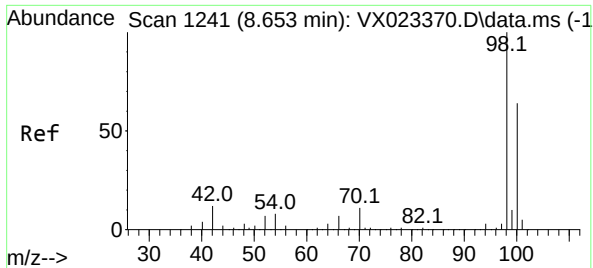
Tgt Ion:117 Resp: 16863
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.454 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Tgt Ion:130 Resp: 953
Ion Ratio Lower Upper
130 100
95 91.7 0.0 198.0

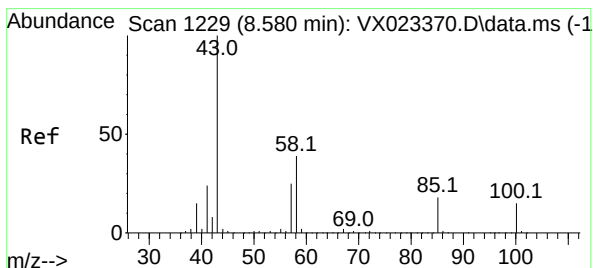
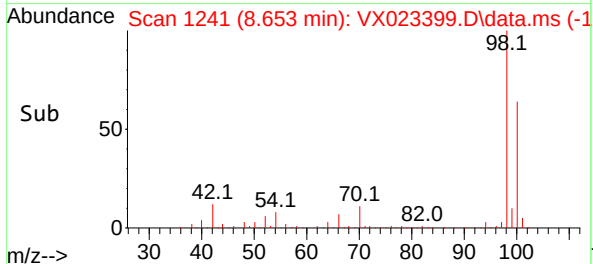
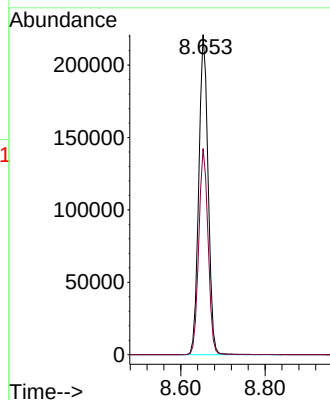
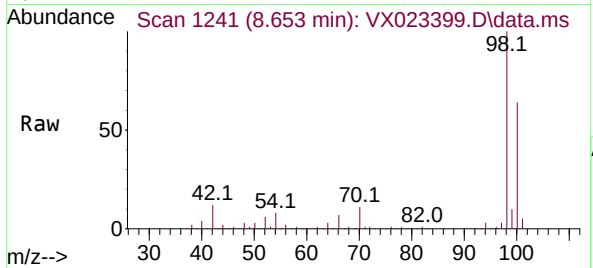




#50
Toluene-d8
Concen: 51.946 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

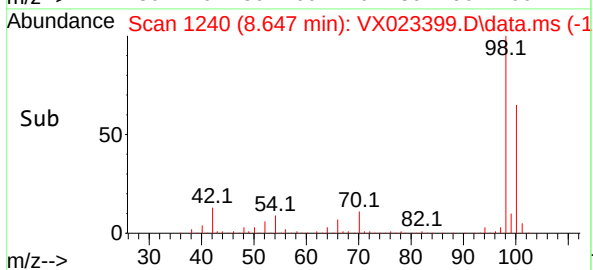
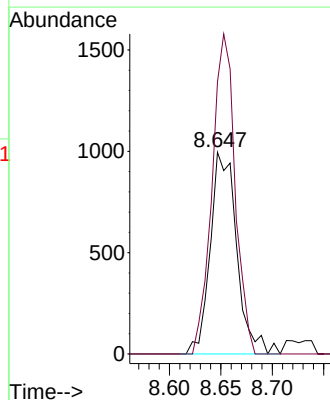
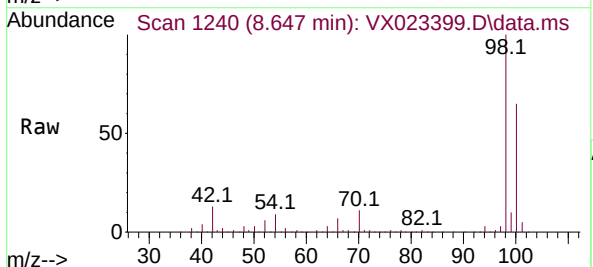
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-14D

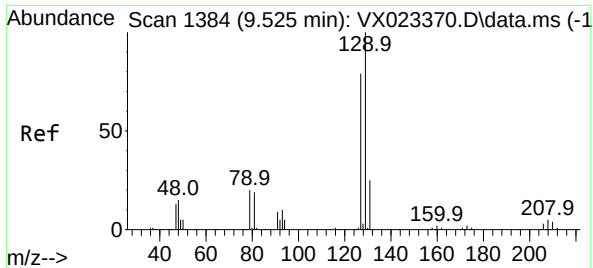
Tgt Ion: 98 Resp: 339627
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
58 138.0 35.4 53.0#

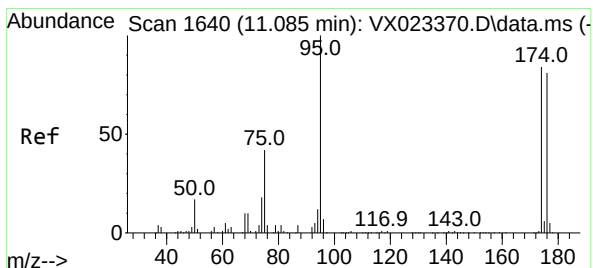
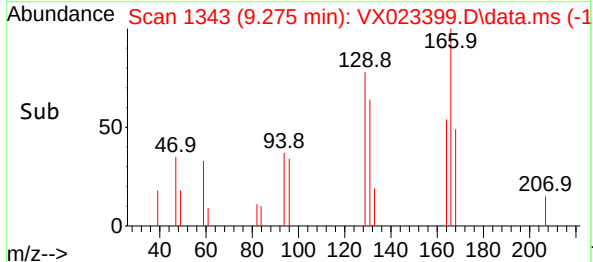
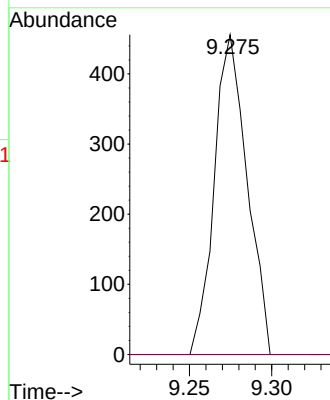
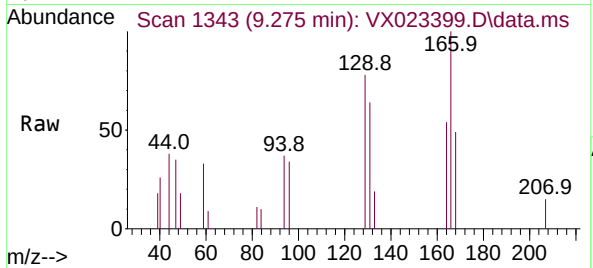




#60
Dibromochloromethane
Concen: 2.269 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

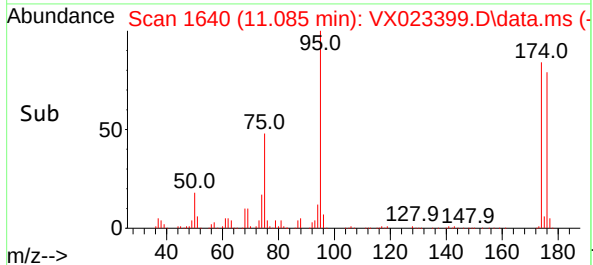
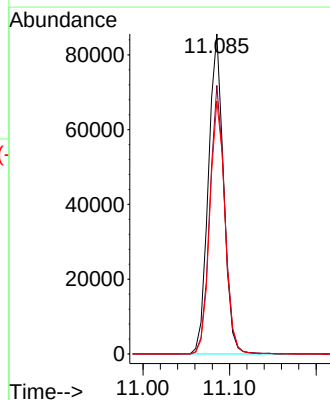
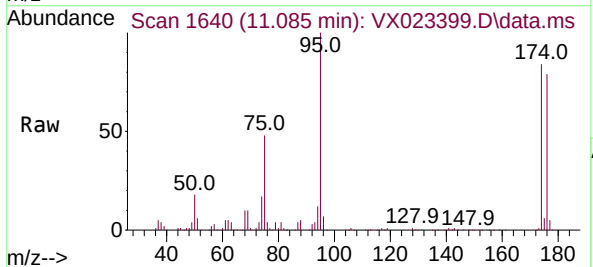
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-14D

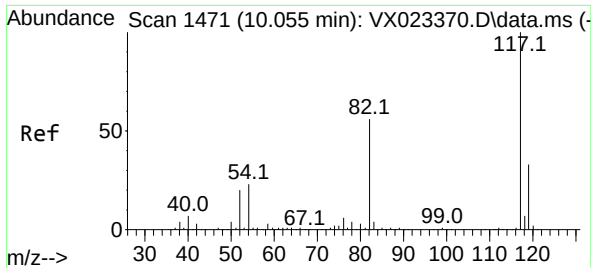
Tgt Ion:129 Resp: 631
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.915 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Tgt Ion: 95 Resp: 104302
Ion Ratio Lower Upper
95 100
174 82.3 0.0 154.6
176 78.8 0.0 155.8

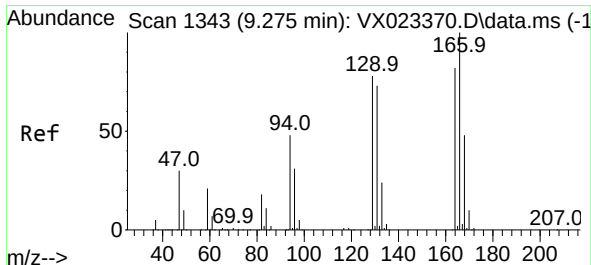
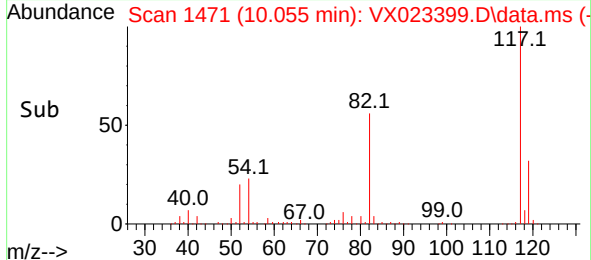
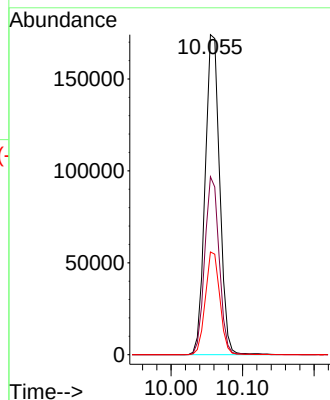
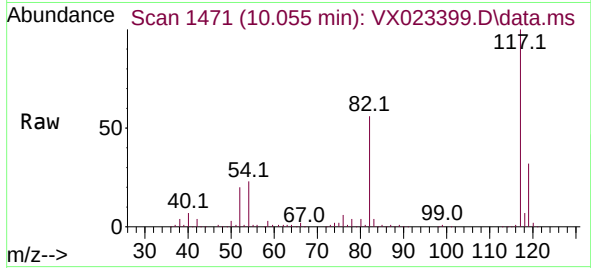




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

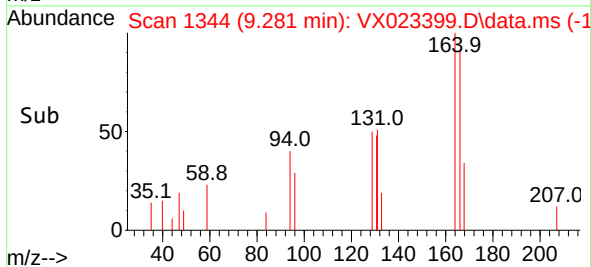
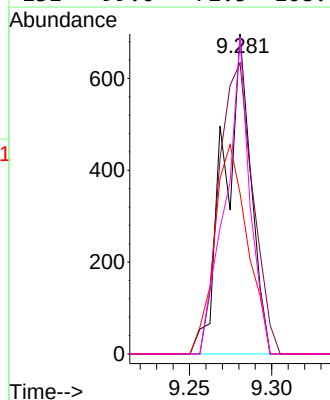
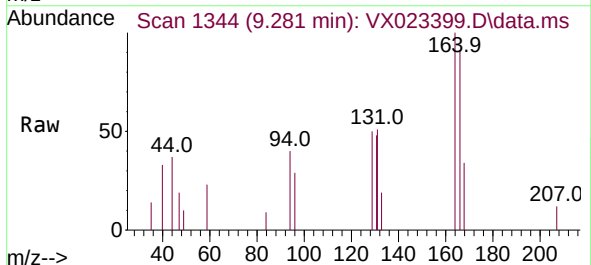
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-14D

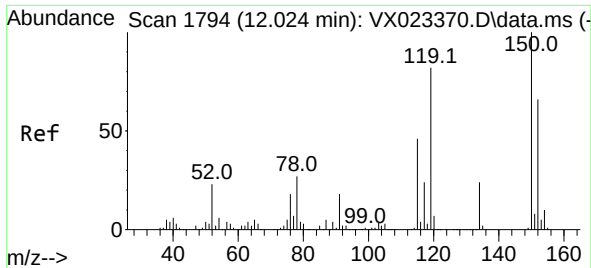
Tgt Ion:117 Resp: 246236
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 0.407 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023399.D
Acq: 23 Jul 2021 02:04

Tgt Ion:164 Resp: 797
Ion Ratio Lower Upper
164 100
166 91.0 103.4 155.2#
129 50.2 70.8 106.2#
131 99.0 72.5 108.7

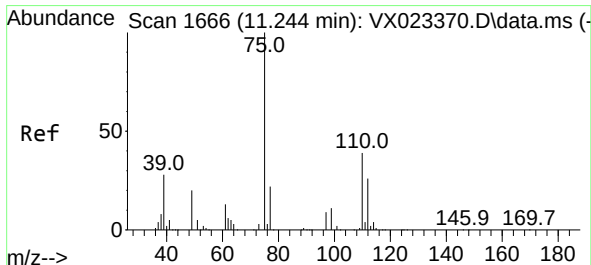
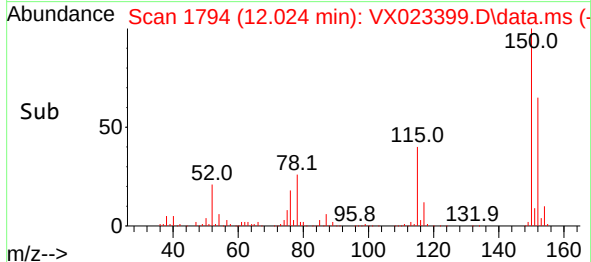
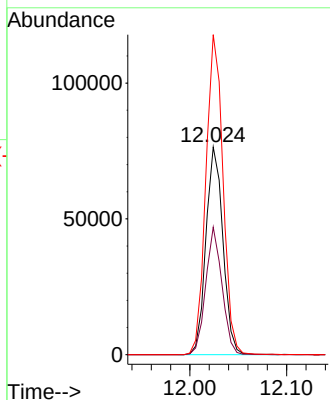
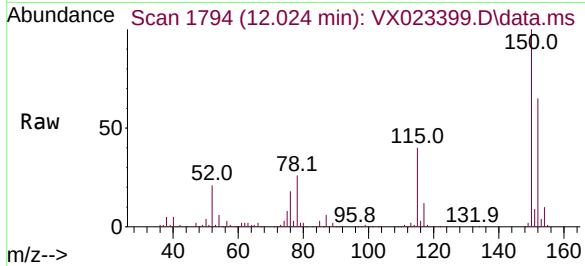




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023399.D
 Acq: 23 Jul 2021 02:04

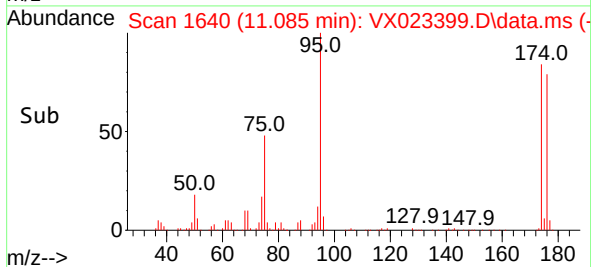
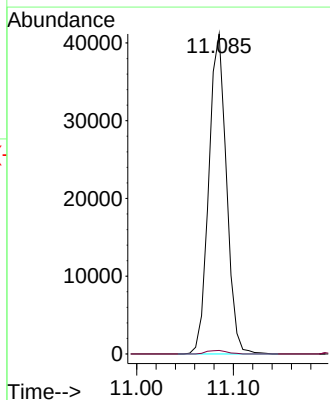
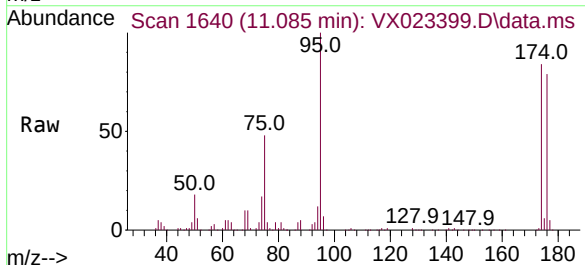
Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-14D

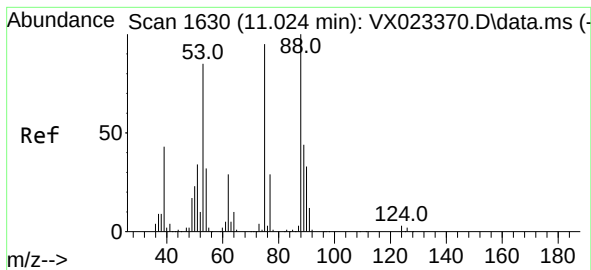
Tgt Ion:152 Resp: 93358
 Ion Ratio Lower Upper
 152 100
 115 58.8 41.1 123.3
 150 155.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.449 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023399.D
 Acq: 23 Jul 2021 02:04

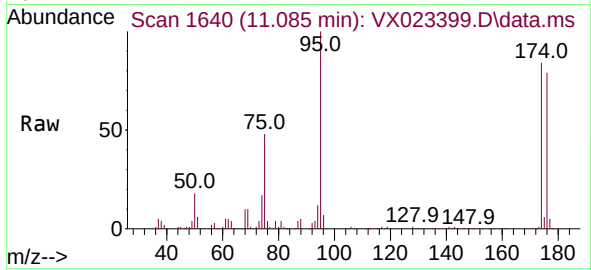
Tgt Ion: 75 Resp: 52283
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.430 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023399.D
 Acq: 23 Jul 2021 02:04

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-14D



Tgt Ion: 75 Resp: 52283
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

