

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023398.D
 Acq On : 23 Jul 2021 01:40
 Operator : JC/MD
 Sample : M3145-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-FD-1

Quant Time: Jul 23 06:12:29 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	5.568	168	166840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	277824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107839	51.816	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.640%
35) Dibromofluoromethane	5.397	113	88089	50.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.420%
50) Toluene-d8	8.653	98	323519	50.692	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.380%
62) 4-Bromofluorobenzene	11.085	95	101619	46.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.660%

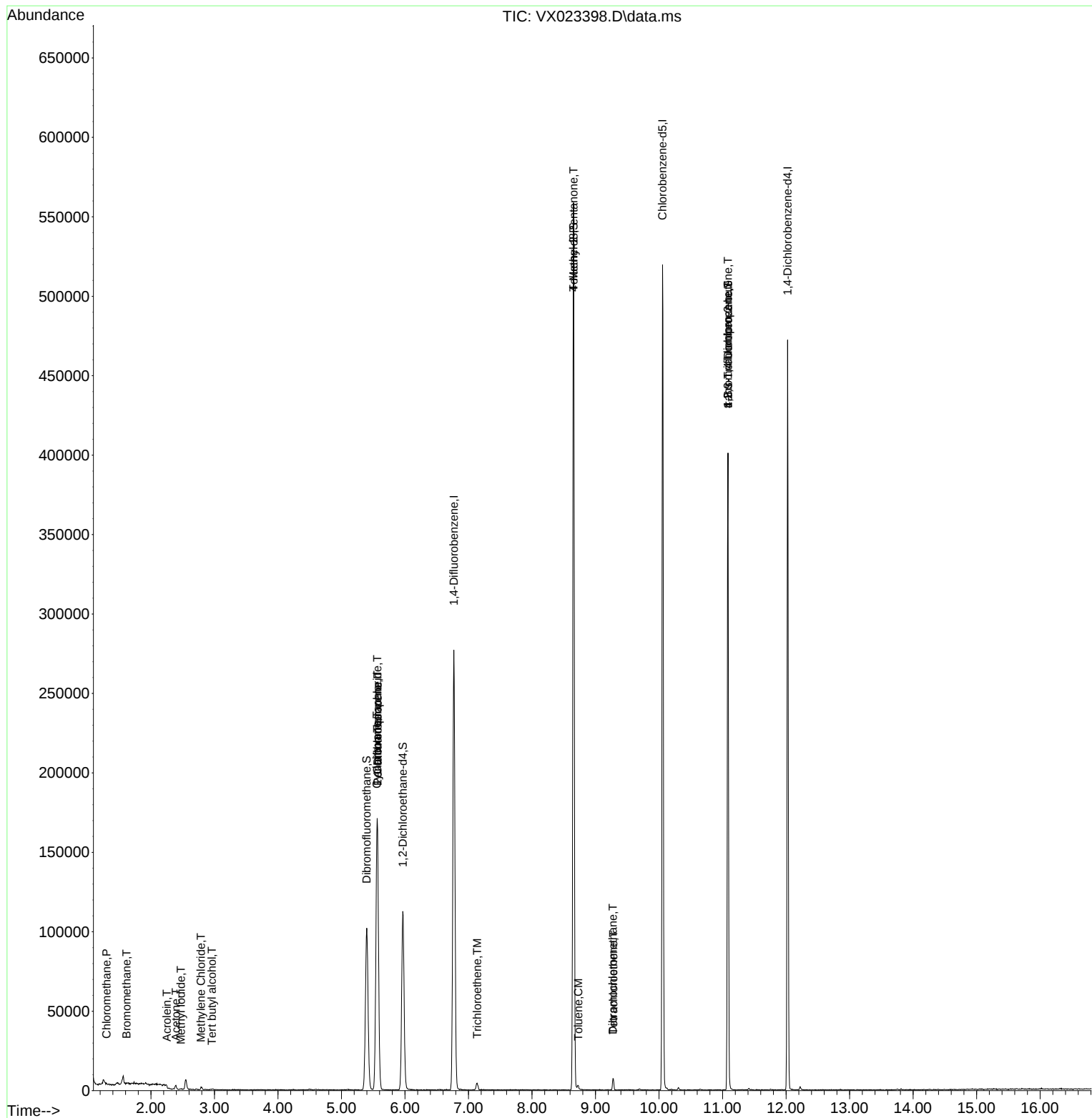
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	617	0.345	ug/l #	82
5) Bromomethane	1.618	94	518	0.482	ug/l #	68
10) Methyl Iodide	2.471	142	514	0.248	ug/l #	71
11) Tert butyl alcohol	2.959	59	294	0.618	ug/l #	91
13) Acrolein	2.252	56	174	2.080	ug/l #	81
16) Acetone	2.392	43	2629	2.575	ug/l #	88
20) Methylene Chloride	2.788	84	795	0.400	ug/l	87
31) Cyclohexane	5.556	56	3517	1.141	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	13307	5.295	ug/l #	41
38) Carbon Tetrachloride	5.562	117	16537	6.470	ug/l #	15
44) Trichloroethene	7.135	130	1694	0.828	ug/l	85
51) 4-Methyl-2-Pentanone	8.653	43	1766	0.588	ug/l #	1
52) Toluene	8.726	92	996	0.216	ug/l	94
60) Dibromochloromethane	9.275	129	1152	2.517	ug/l #	11
64) Tetrachloroethene	9.281	164	1344	0.719	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	52573	25.049	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52573	67.354	ug/l #	12

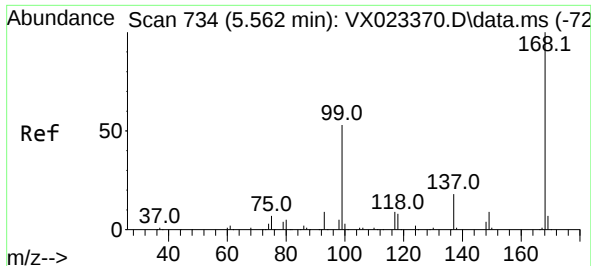
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

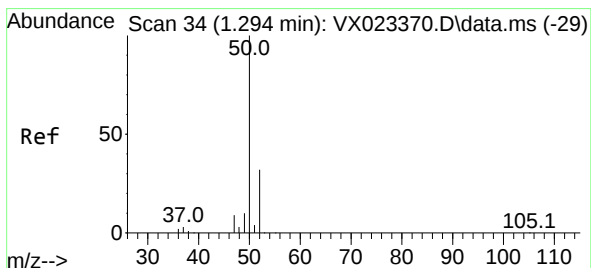
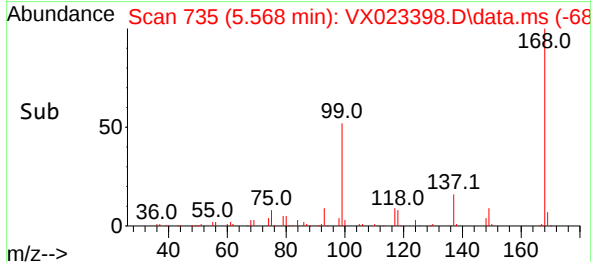
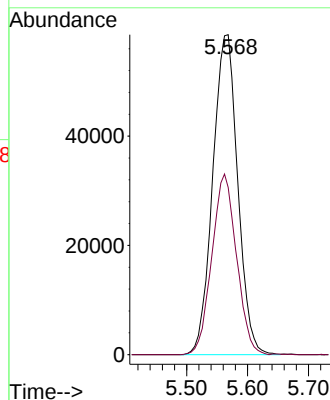
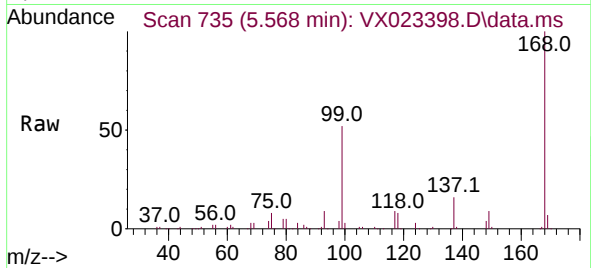




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

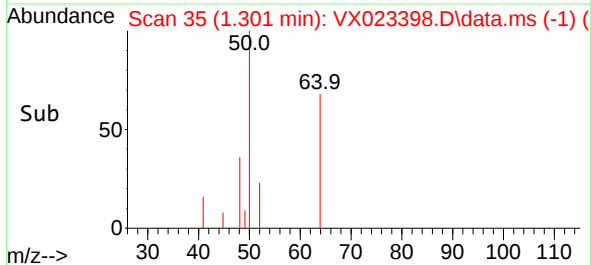
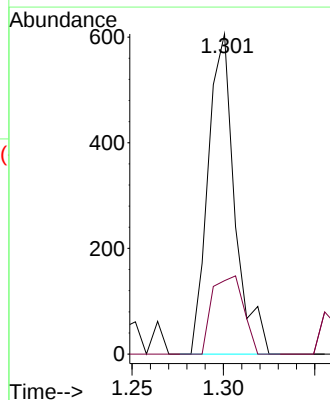
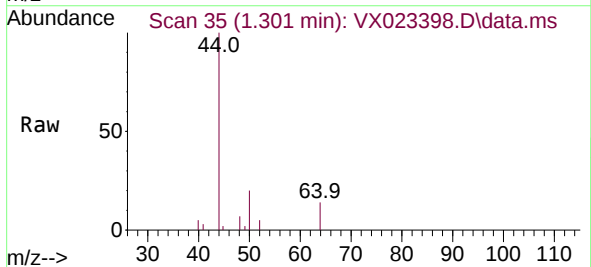
Instrument :
MSVOA_X
ClientSampled :
152140-FD-1

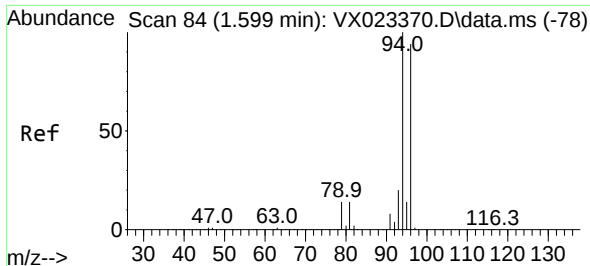
Tgt Ion:168 Resp: 166840
Ion Ratio Lower Upper
168 100
99 52.3 45.8 68.6



#3
Chloromethane
Concen: 0.345 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Tgt Ion: 50 Resp: 617
Ion Ratio Lower Upper
50 100
52 22.9 26.4 39.6#

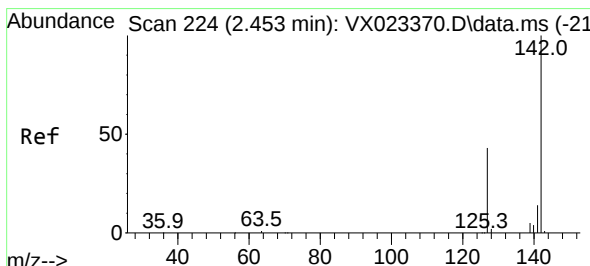
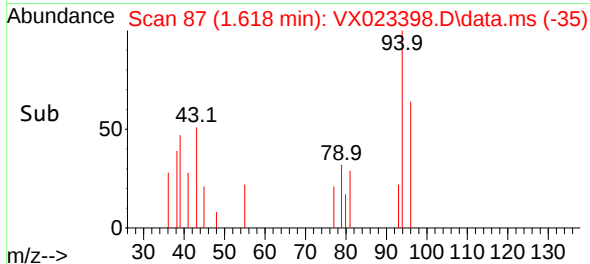
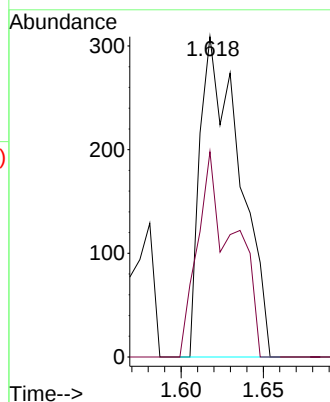
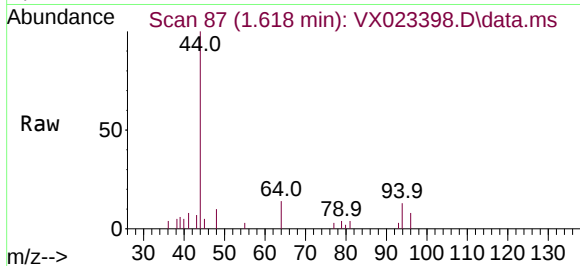




#5
Bromomethane
Concen: 0.482 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

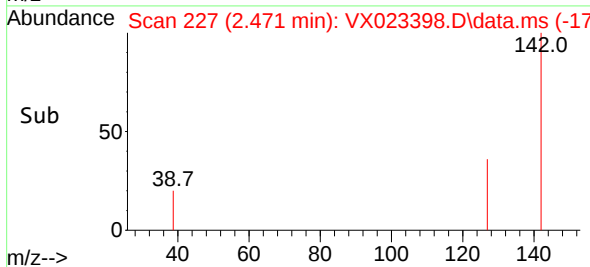
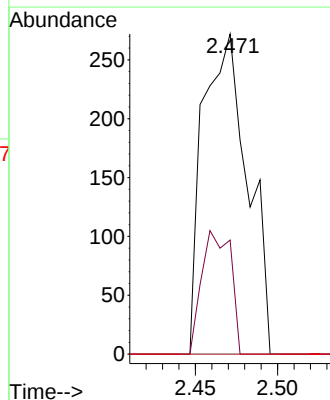
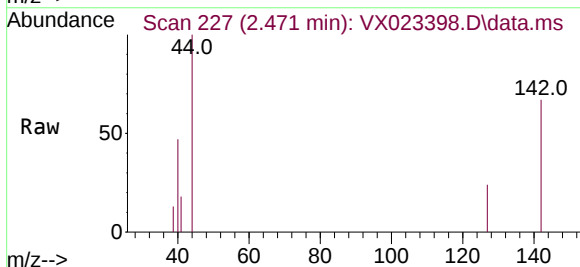
Instrument :
MSVOA_X
ClientSampled :
152140-FD-1

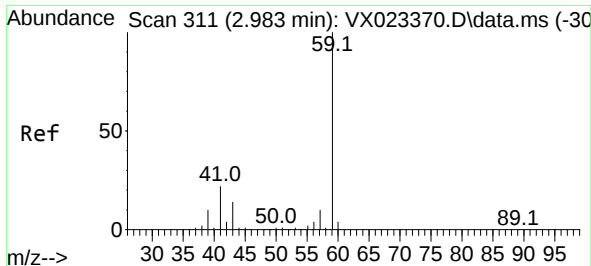
Tgt Ion: 94 Resp: 518
Ion Ratio Lower Upper
94 100
96 64.1 76.4 114.6#



#10
Methyl Iodide
Concen: 0.248 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Tgt Ion: 142 Resp: 514
Ion Ratio Lower Upper
142 100
127 24.9 33.3 49.9#
141 0.0 11.4 17.0#



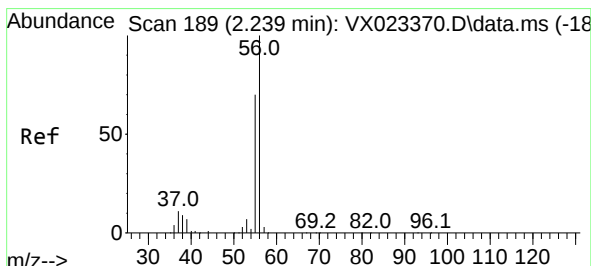
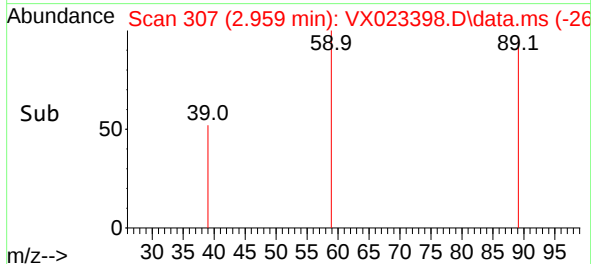
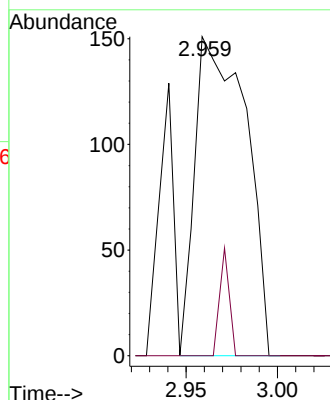
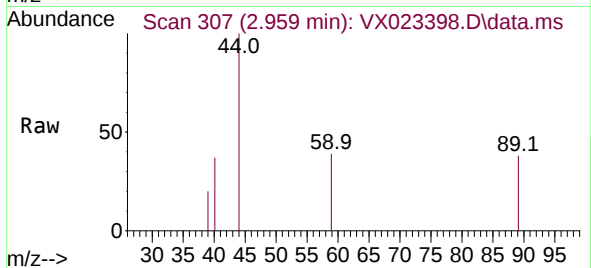


#11

Tert butyl alcohol
Concen: 0.618 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Instrument :
MSVOA_X
ClientSampled :
152140-FD-1

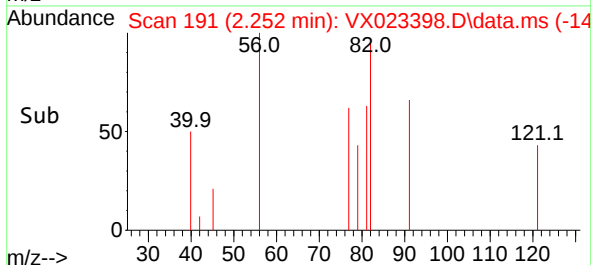
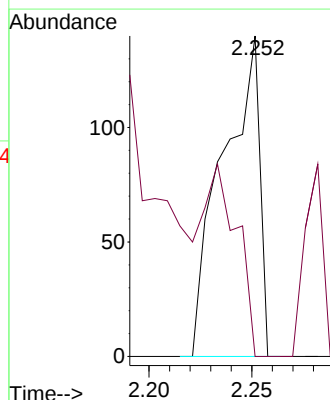
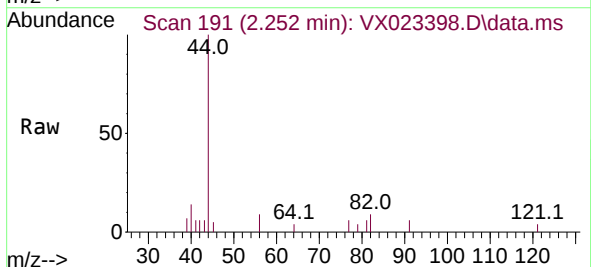
Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 6.5 7.8 11.8#

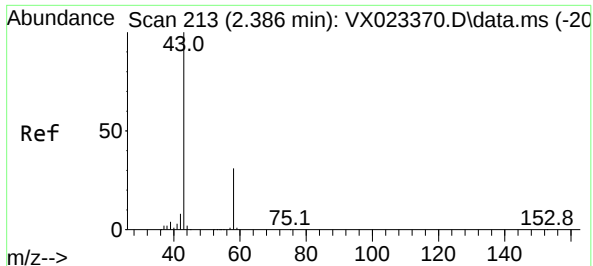


#13

Acrolein
Concen: 2.080 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Tgt Ion: 56 Resp: 174
Ion Ratio Lower Upper
56 100
55 54.6 56.4 84.6#

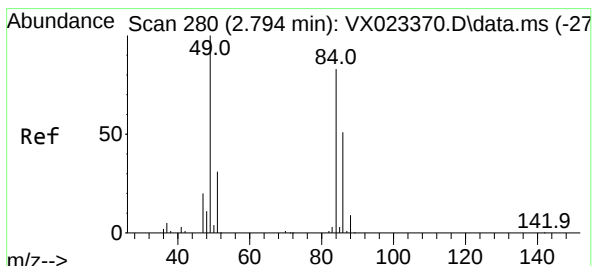
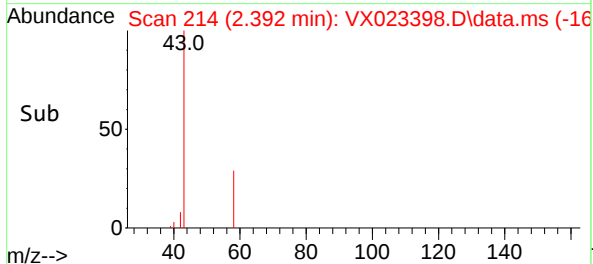
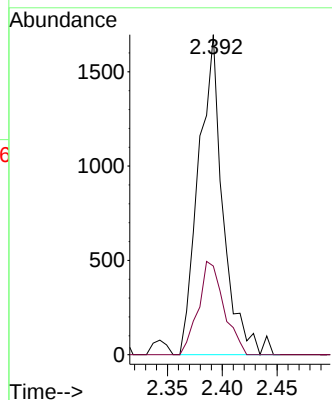
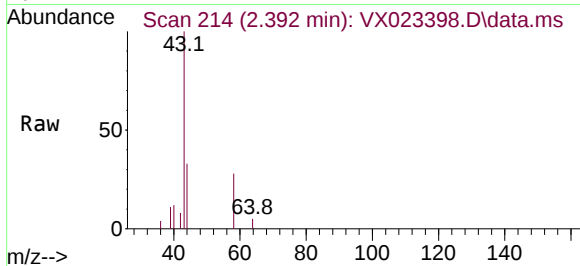




#16
Acetone
Concen: 2.575 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

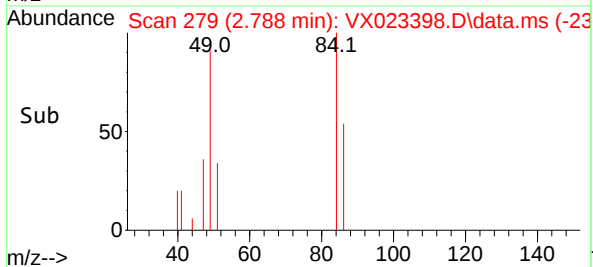
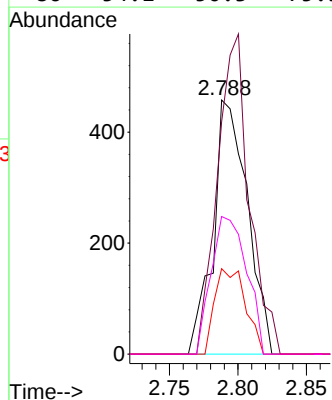
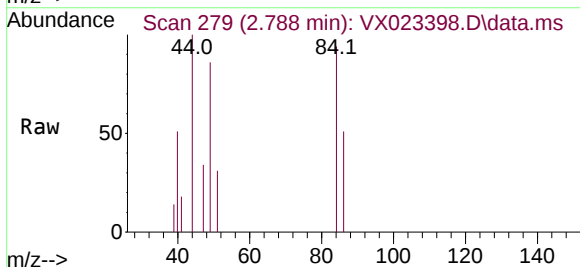
Instrument :
MSVOA_X
ClientSampleId :
152140-FD-1

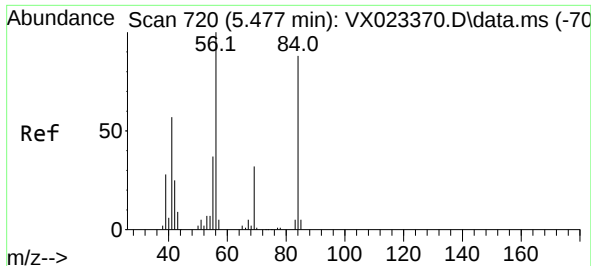
Tgt Ion: 43 Resp: 2629
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#



#20
Methylene Chloride
Concen: 0.400 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

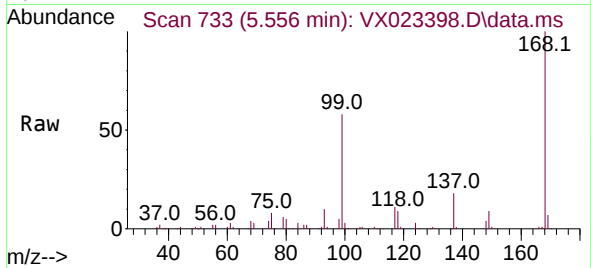
Tgt Ion: 84 Resp: 795
Ion Ratio Lower Upper
84 100
49 91.5 88.6 132.8
51 33.6 27.0 40.6
86 54.1 50.3 75.5



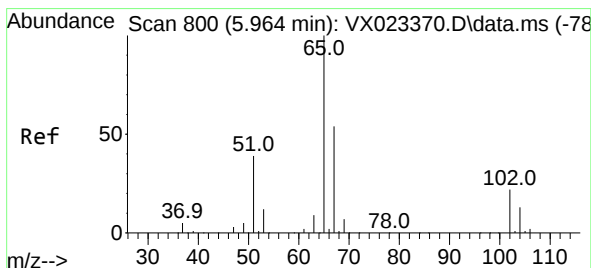
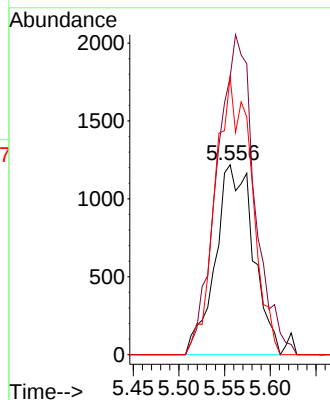
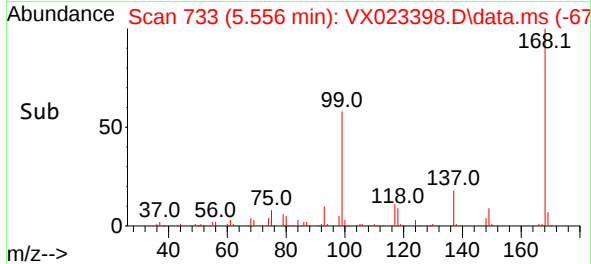


#31
Cyclohexane
Concen: 1.141 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Instrument :
MSVOA_X
ClientSampled :
152140-FD-1

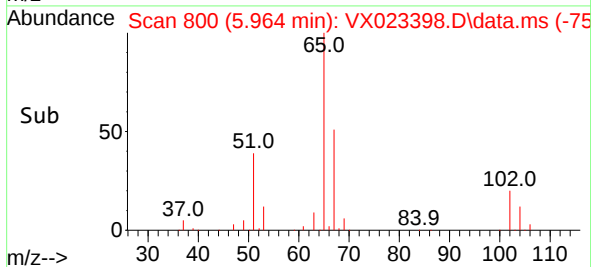
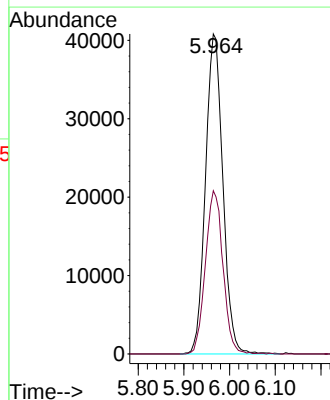
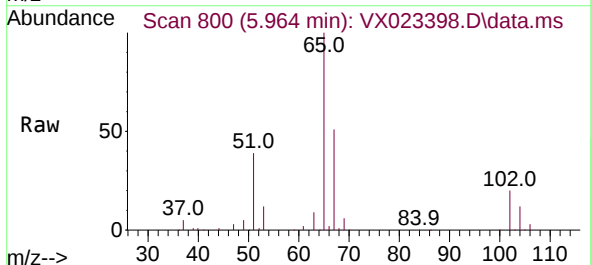


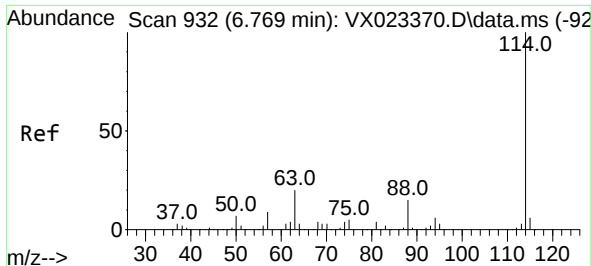
Tgt Ion: 56 Resp: 3517
Ion Ratio Lower Upper
56 100
69 146.1 25.3 37.9#
84 146.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.816 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Tgt Ion: 65 Resp: 107839
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

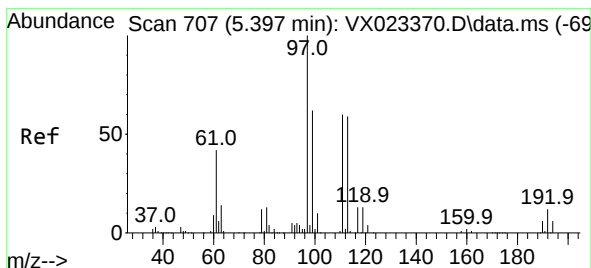
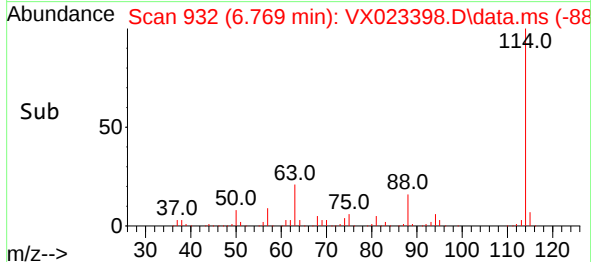
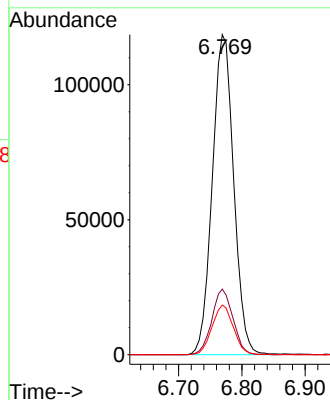
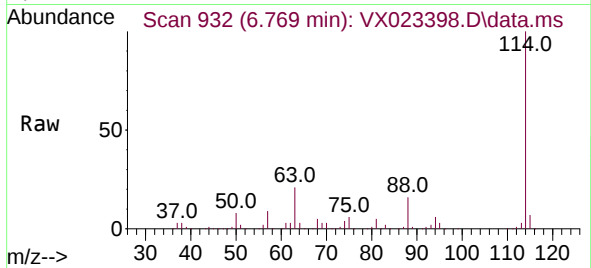




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

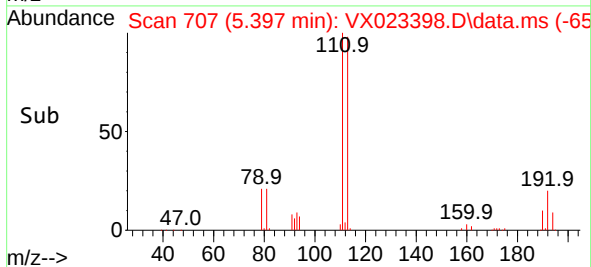
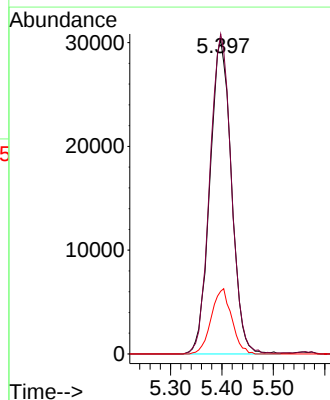
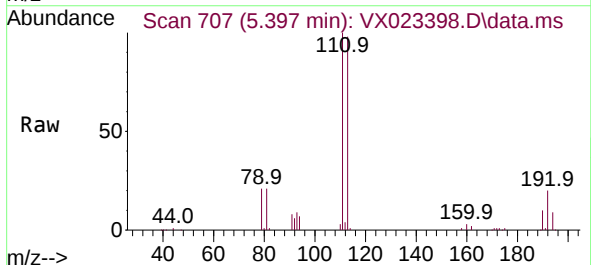
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ClientSampleId :
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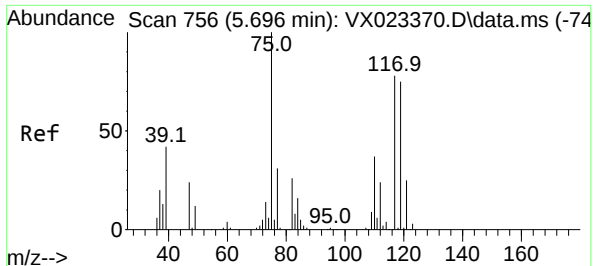
Tgt Ion:114 Resp: 277824
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.711 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Tgt Ion:113 Resp: 88089
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.295 ug/l

RT: 5.568 min Scan# 735

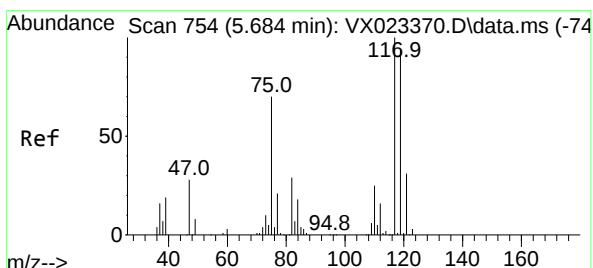
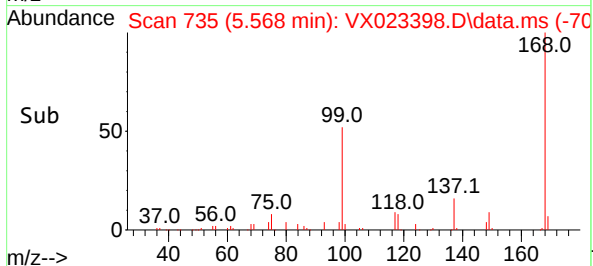
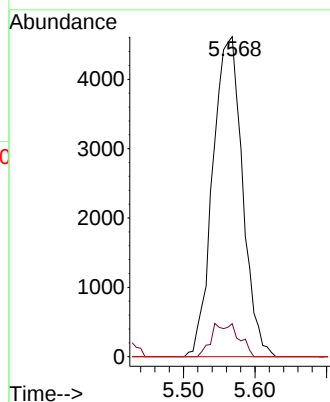
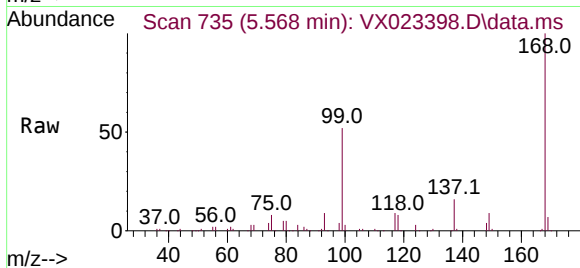
Delta R.T. -0.128 min

Lab File: VX023398.D

Acq: 23 Jul 2021 01:40

Tgt Ion:	75	Resp:	13307
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :
152140-FD-1



#38

Carbon Tetrachloride

Concen: 6.470 ug/l

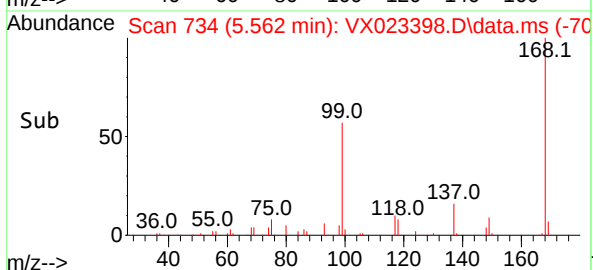
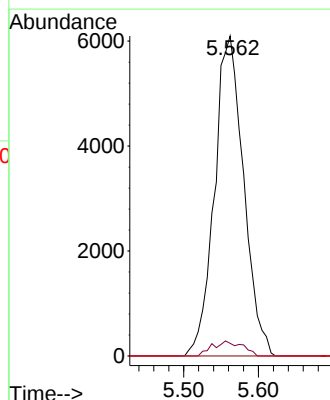
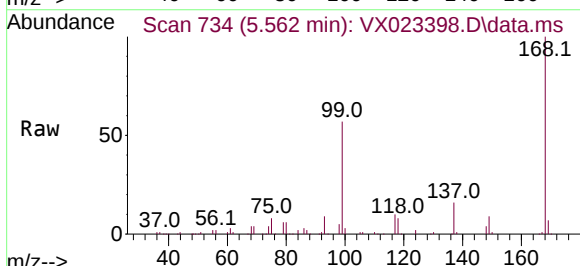
RT: 5.562 min Scan# 734

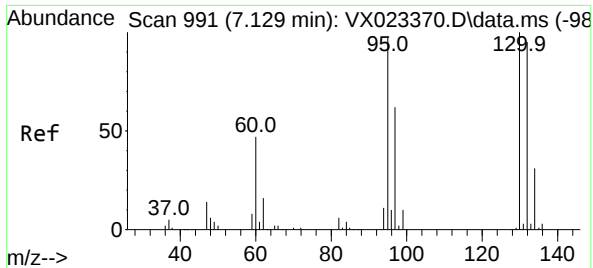
Delta R.T. -0.122 min

Lab File: VX023398.D

Acq: 23 Jul 2021 01:40

Tgt Ion:	117	Resp:	16537
Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.2	114.2#
121	0.0	24.8	37.2#

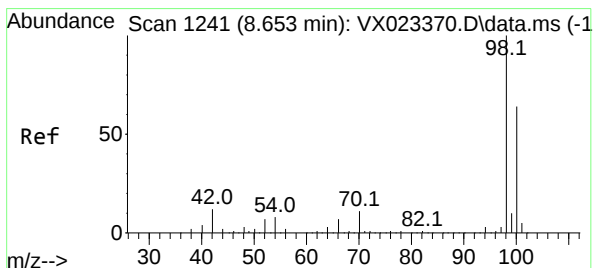
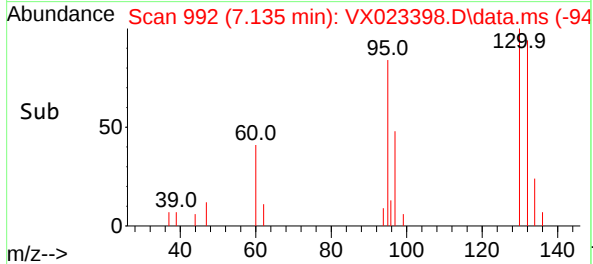
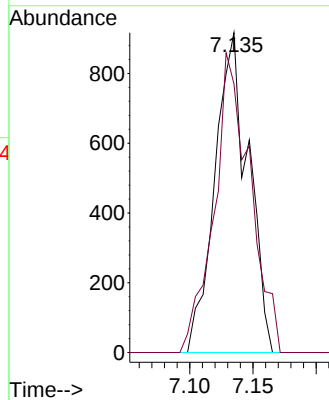
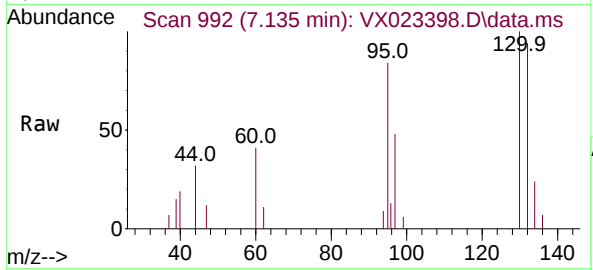




#44
Trichloroethene
Concen: 0.828 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

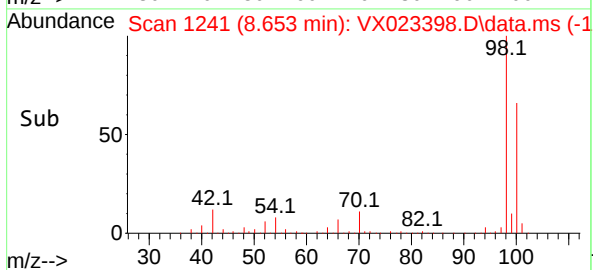
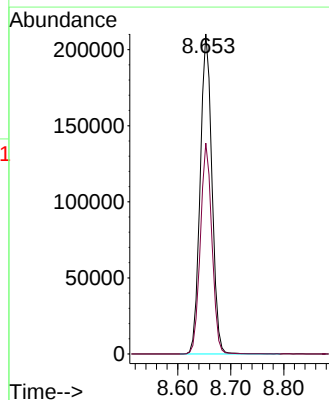
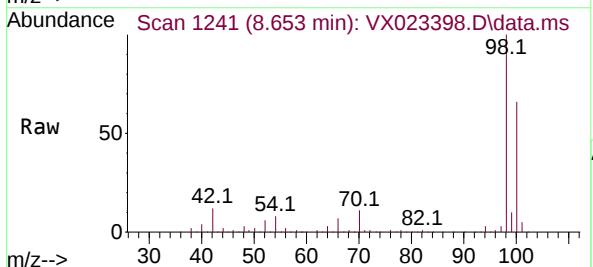
Instrument :
MSVOA_X
ClientSampled :
152140-FD-1

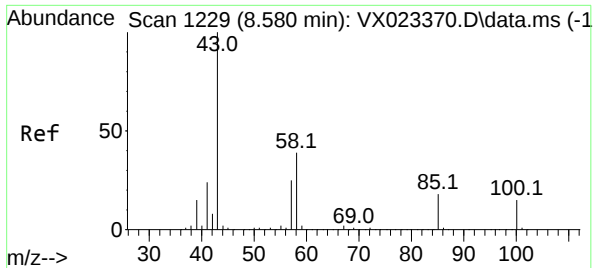
Tgt Ion:130 Resp: 1694
Ion Ratio Lower Upper
130 100
95 84.0 0.0 198.0



#50
Toluene-d8
Concen: 50.692 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Tgt Ion: 98 Resp: 323519
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

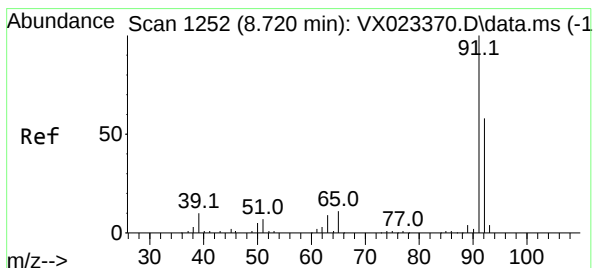
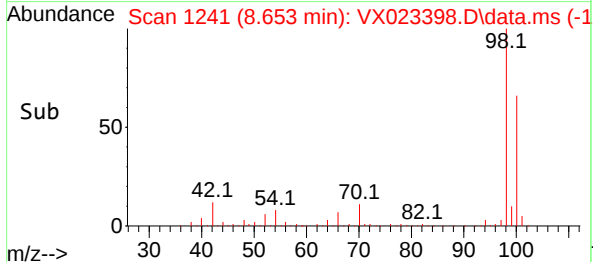
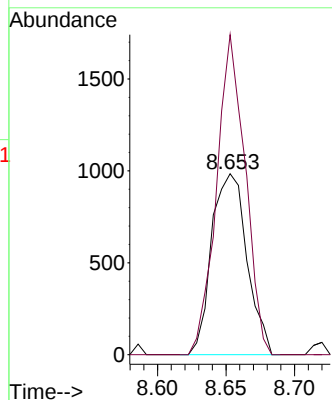
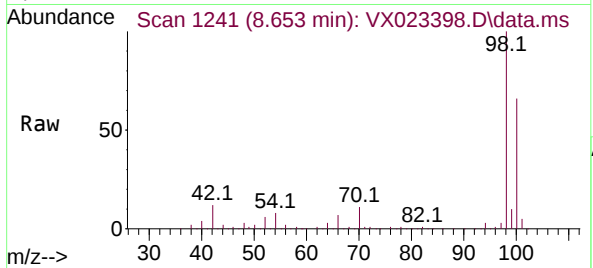




#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

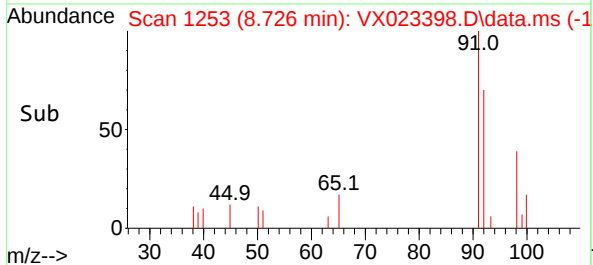
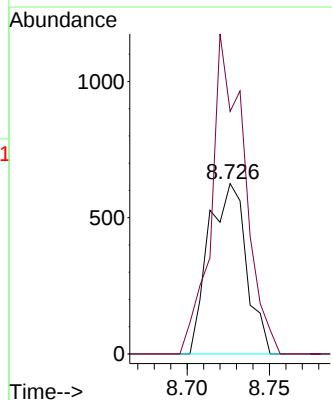
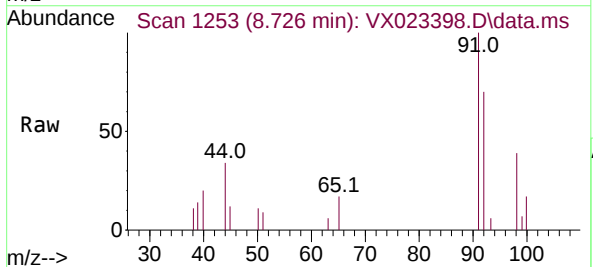
Instrument :
MSVOA_X
ClientSampled :
152140-FD-1

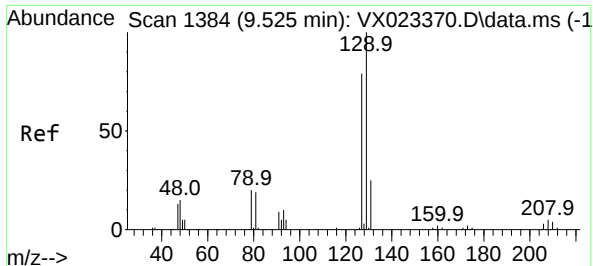
Tgt Ion: 43 Resp: 1766
Ion Ratio Lower Upper
43 100
58 143.7 35.4 53.0#



#52
Toluene
Concen: 0.216 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Tgt Ion: 92 Resp: 996
Ion Ratio Lower Upper
92 100
91 163.6 137.1 205.7





#60

Dibromochloromethane

Concen: 2.517 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023398.D

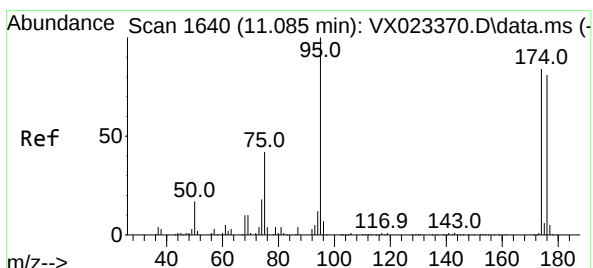
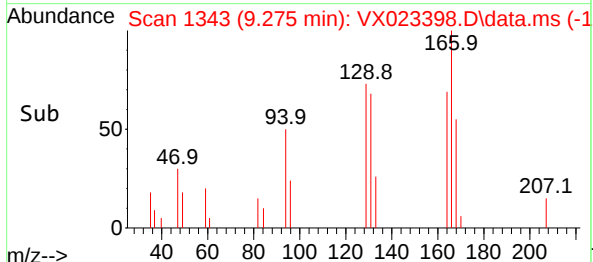
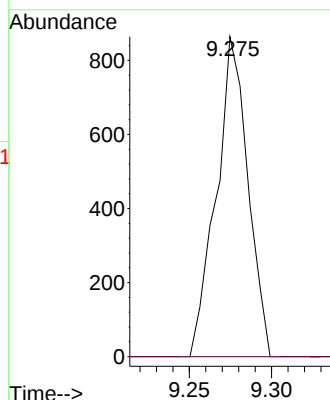
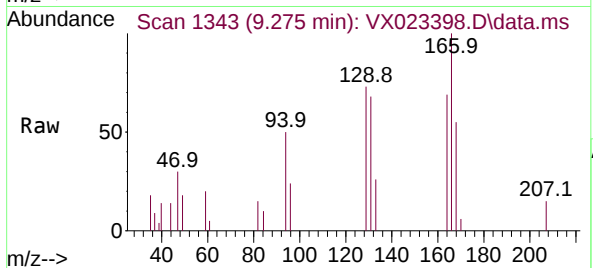
Acq: 23 Jul 2021 01:40

Tgt Ion:129 Resp: 1152

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.825 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023398.D

Acq: 23 Jul 2021 01:40

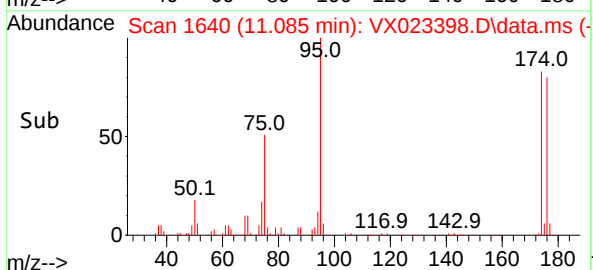
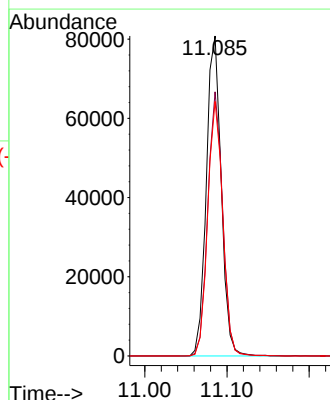
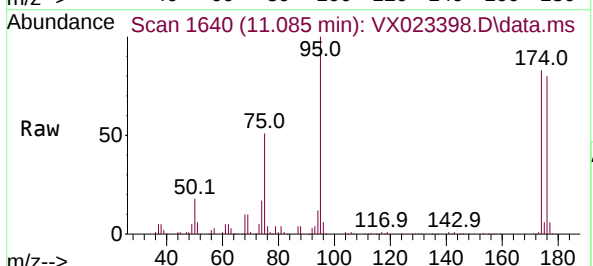
Tgt Ion: 95 Resp: 101619

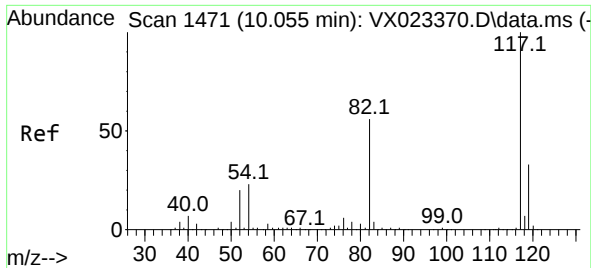
Ion Ratio Lower Upper

95 100

174 82.5 0.0 154.6

176 80.2 0.0 155.8

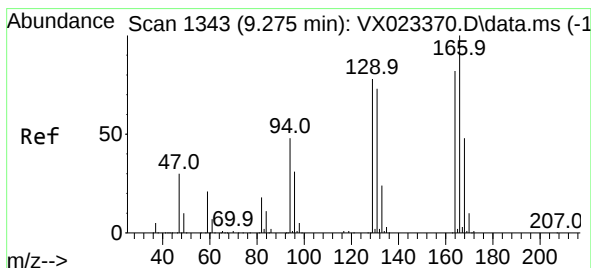
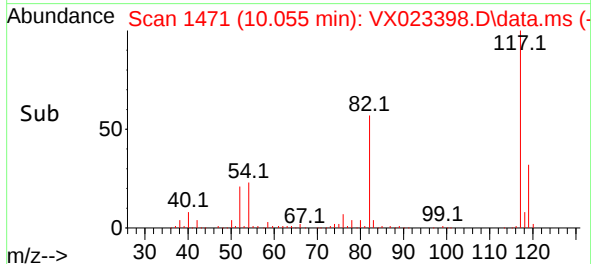
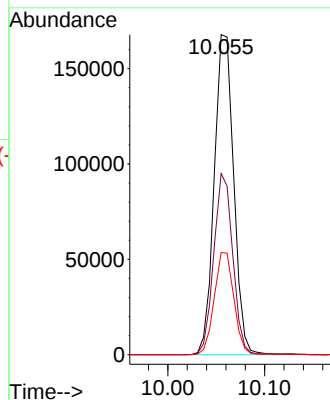
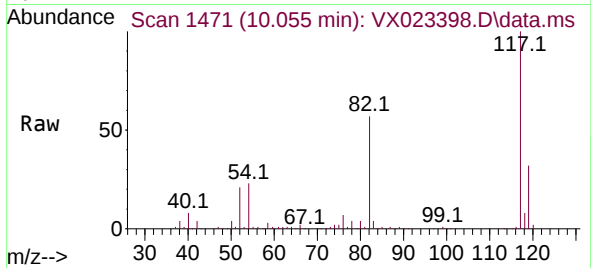




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

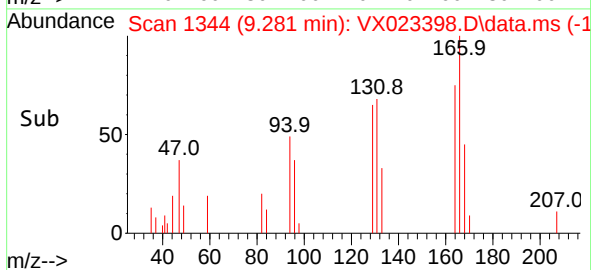
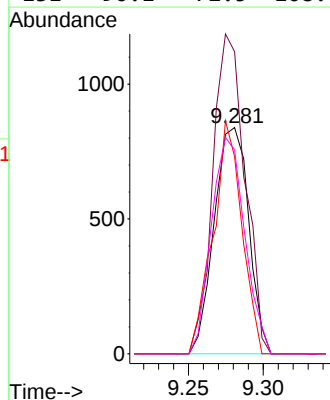
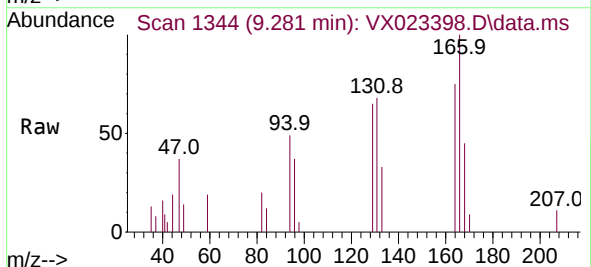
Instrument :
MSVOA_X
ClientSampleId :
152140-FD-1

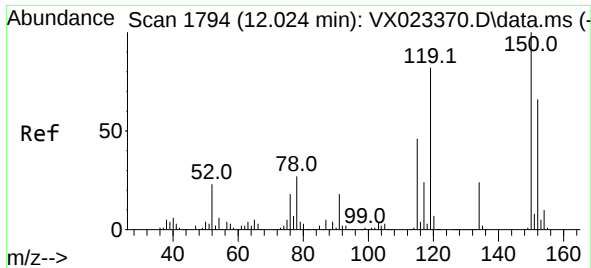
Tgt Ion:117 Resp: 234888
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 0.719 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Tgt Ion:164 Resp: 1344
Ion Ratio Lower Upper
164 100
166 133.5 103.4 155.2
129 87.1 70.8 106.2
131 90.1 72.5 108.7

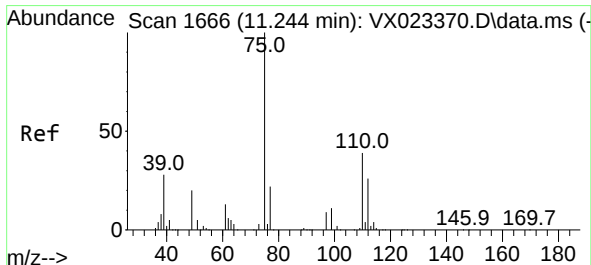
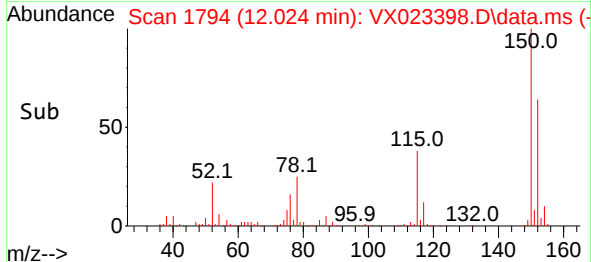
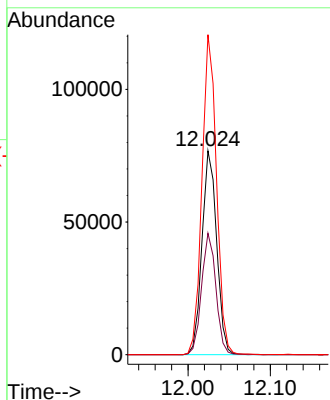
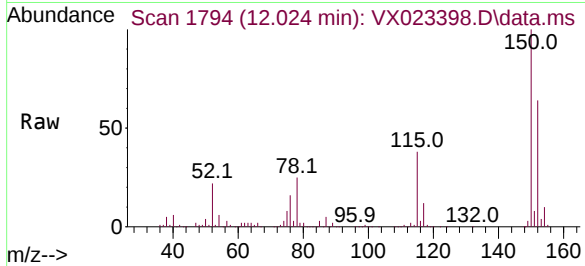




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

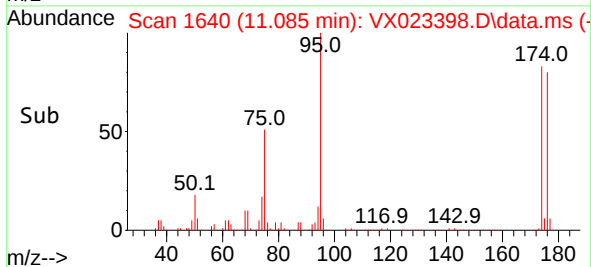
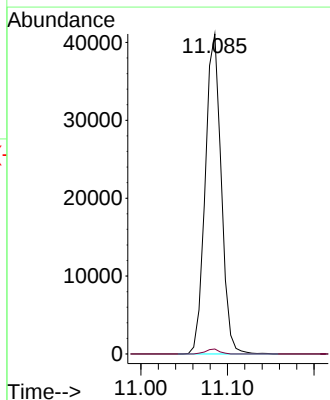
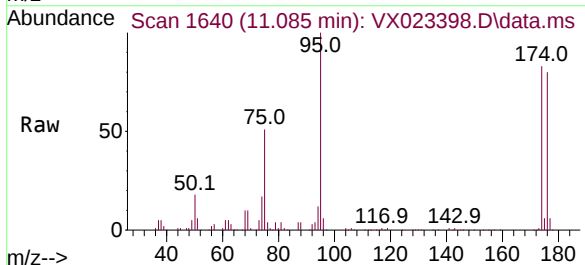
Instrument :
MSVOA_X
ClientSampled :
152140-FD-1

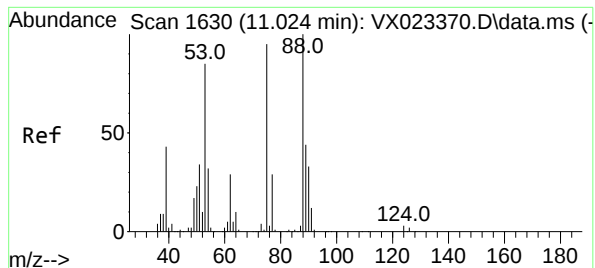
Tgt Ion:152 Resp: 95375
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 155.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.049 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023398.D
Acq: 23 Jul 2021 01:40

Tgt Ion: 75 Resp: 52573
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 67.354 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX023398.D

Acq: 23 Jul 2021 01:40

Tgt Ion: 75 Resp: 52573

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

152140-FD-1

