

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023419.D
 Acq On : 23 Jul 2021 12:40
 Operator : JC/MD
 Sample : M3145-05 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:44:24 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)

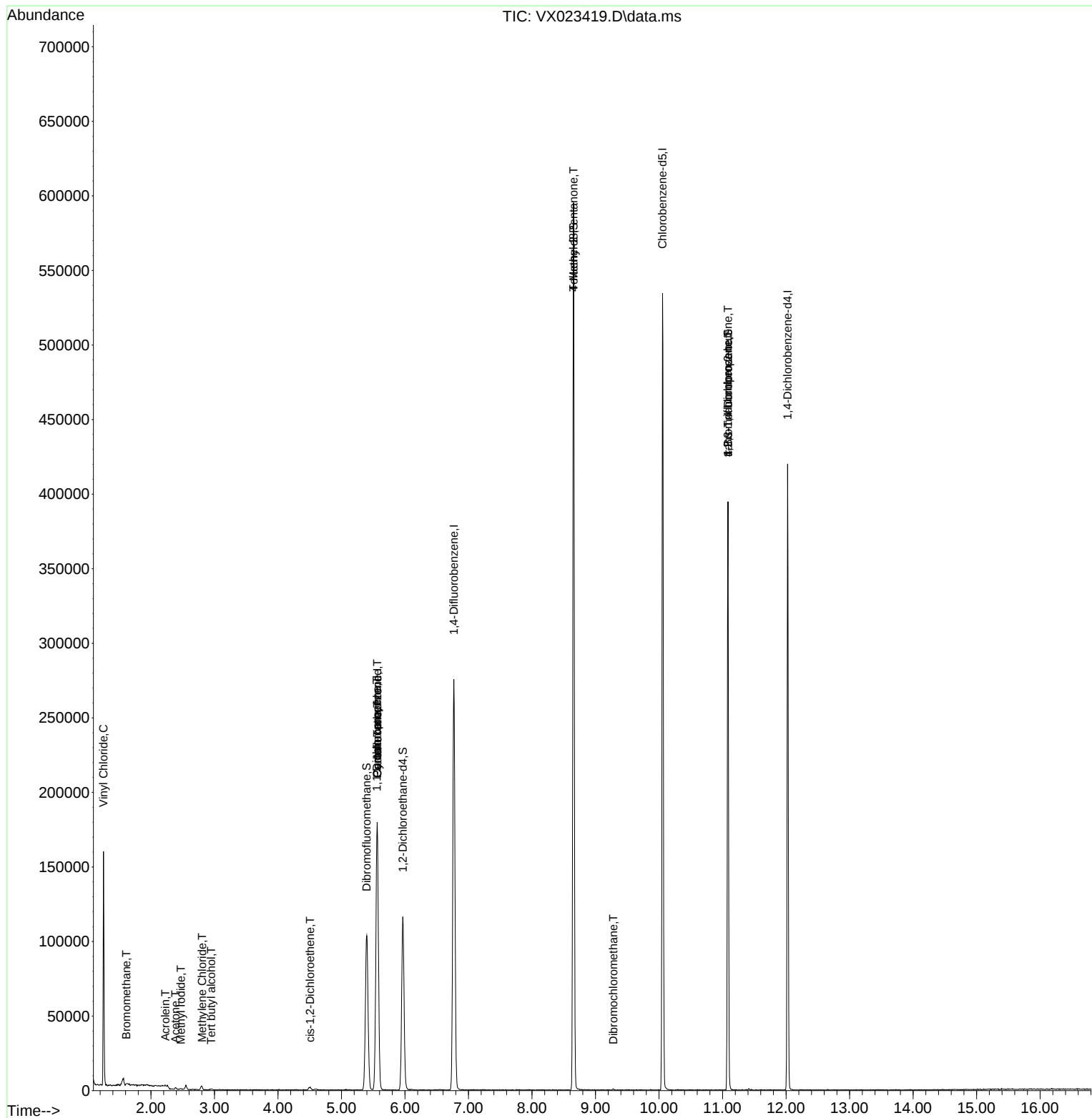
Internal Standards						
1) Pentafluorobenzene	5.562	168	171721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	283968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109755	51.238	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.480%	
35) Dibromofluoromethane	5.397	113	90909	51.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.400%	
50) Toluene-d8	8.653	98	337084	51.675	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	11.085	95	99179	44.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.420%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.251	62	1260	0.676	ug/l #	56
5) Bromomethane	1.611	94	423	0.382	ug/l	83
10) Methyl Iodide	2.471	142	830	0.390	ug/l #	87
11) Tert butyl alcohol	2.946	59	383	0.783	ug/l #	73
13) Acrolein	2.227	56	44	1.540	ug/l #	1
16) Acetone	2.385	43	1203	1.145	ug/l	97
20) Methylene Chloride	2.806	84	1247	0.610	ug/l #	54
27) cis-1,2-Dichloroethene	4.507	96	1146	0.551	ug/l #	33
31) Cyclohexane	5.562	56	3799	1.197	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	13285	5.172	ug/l #	48
38) Carbon Tetrachloride	5.562	117	16990	6.504	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1822	0.594	ug/l #	1
60) Dibromochloromethane	9.280	129	61	2.011	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	50732	27.379	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	50732	73.618	ug/l #	12

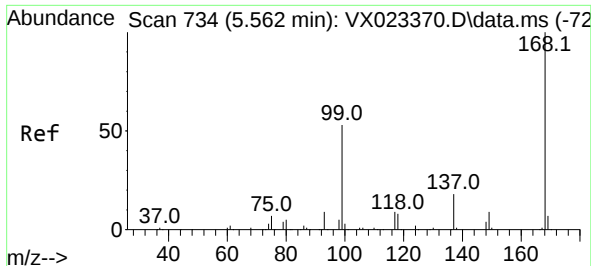
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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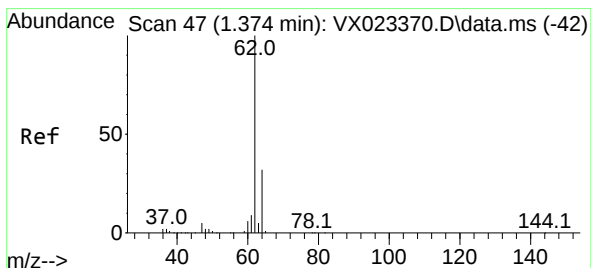
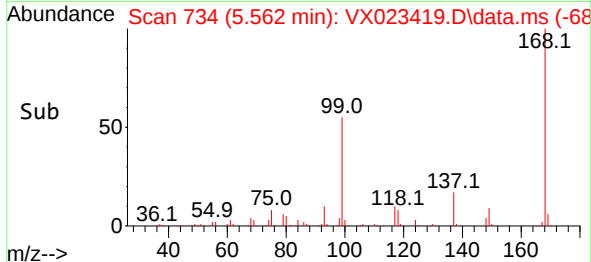
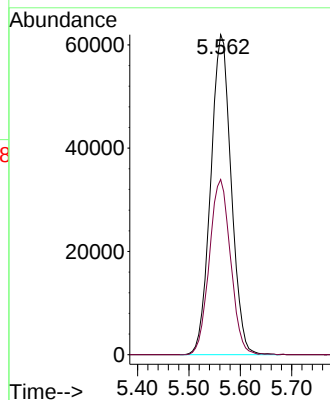
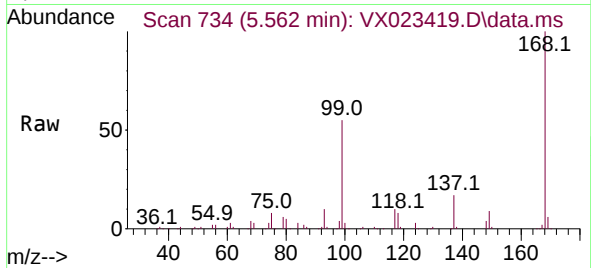




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

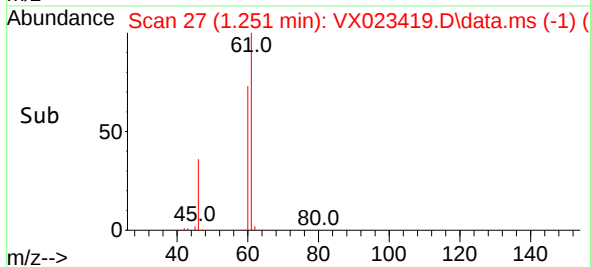
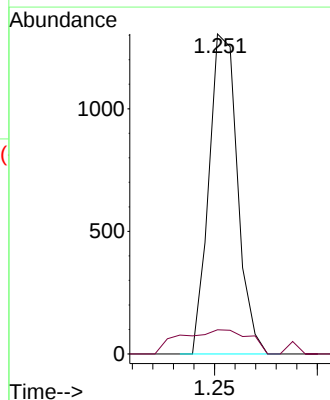
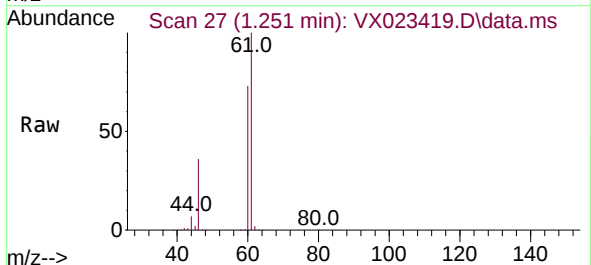
Instrument :
MSVOA_X
ClientSampleId :

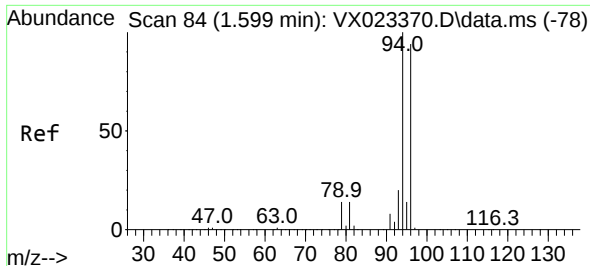
Tgt Ion:168 Resp: 171721
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#4
Vinyl Chloride
Concen: 0.676 ug/l
RT: 1.251 min Scan# 27
Delta R.T. -0.123 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

Tgt Ion: 62 Resp: 1260
Ion Ratio Lower Upper
62 100
64 7.6 25.7 38.5#

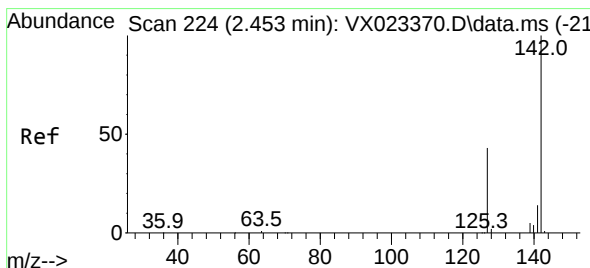
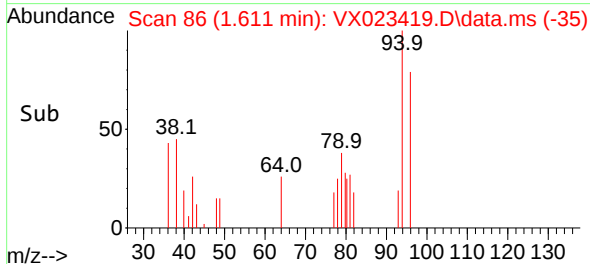
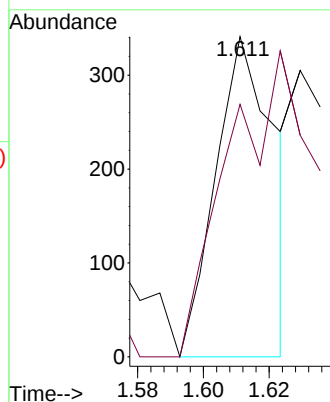
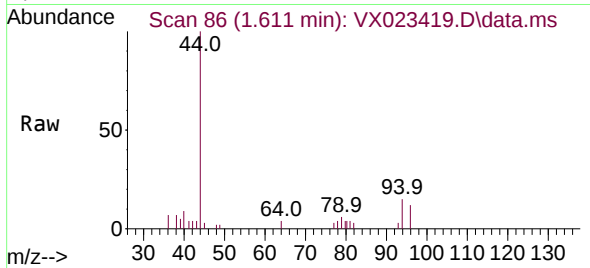




#5
Bromomethane
Concen: 0.382 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

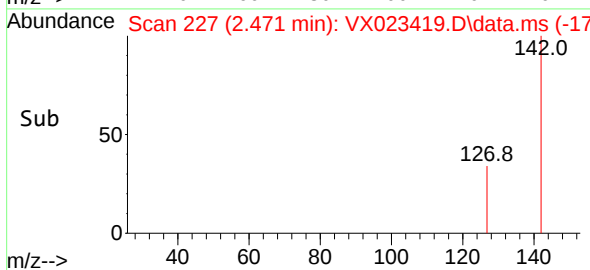
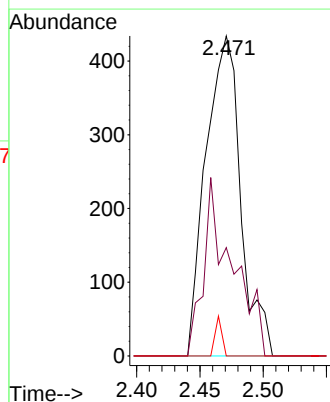
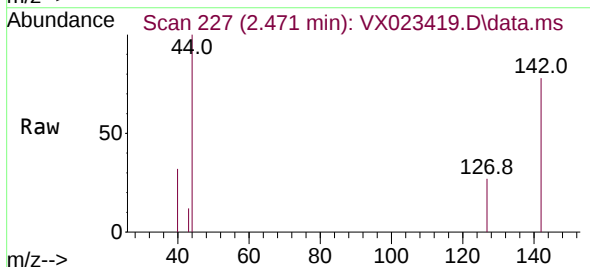
Instrument :
MSVOA_X
ClientSampleId :

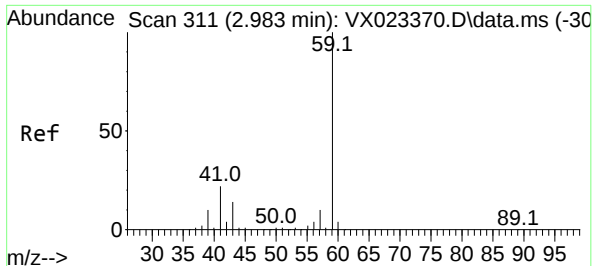
Tgt Ion: 94 Resp: 423
Ion Ratio Lower Upper
94 100
96 78.9 76.4 114.6



#10
Methyl Iodide
Concen: 0.390 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

Tgt Ion:142 Resp: 830
Ion Ratio Lower Upper
142 100
127 46.1 33.3 49.9
141 2.4 11.4 17.0#



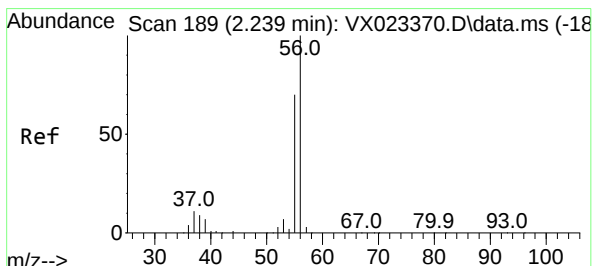
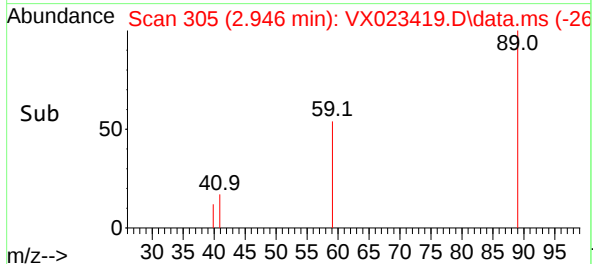
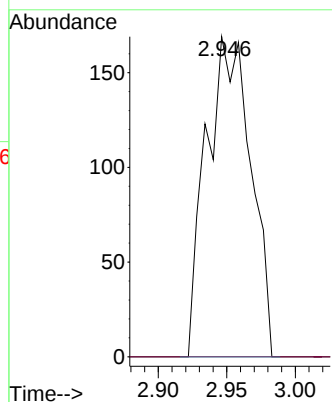
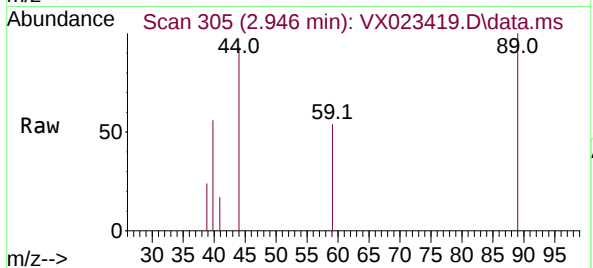


#11

Tert butyl alcohol
Concen: 0.783 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

Instrument :
MSVOA_X
ClientSampleId :

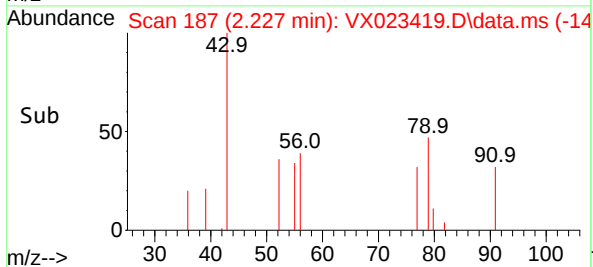
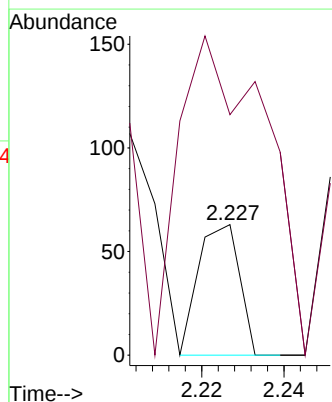
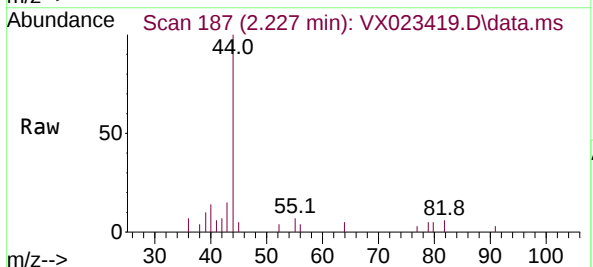
Tgt Ion: 59 Resp: 383
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

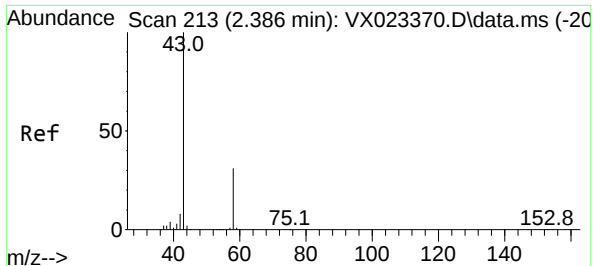


#13

Acrolein
Concen: 1.540 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 509.1 56.4 84.6#





#16

Acetone

Concen: 1.145 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.001 min

Lab File: VX023419.D

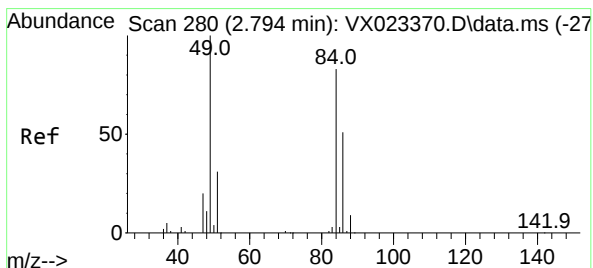
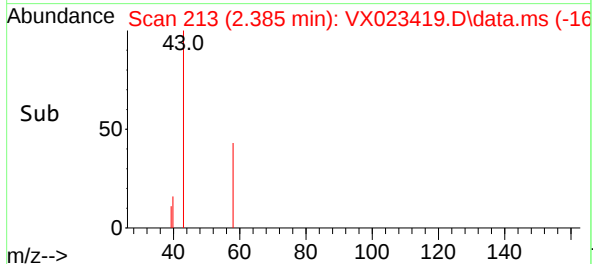
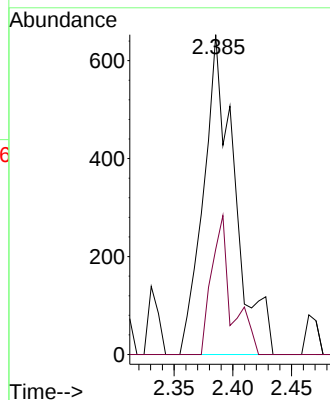
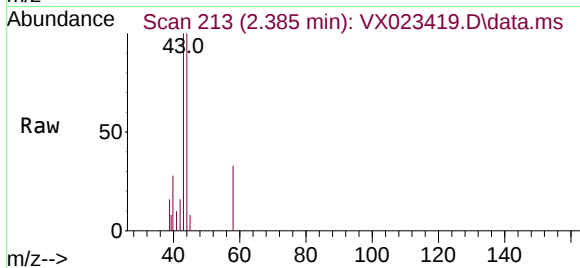
Acq: 23 Jul 2021 12:40

Tgt Ion: 43 Resp: 1203

Ion Ratio Lower Upper

43 100

58 32.9 27.8 41.8



#20

Methylene Chloride

Concen: 0.610 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.012 min

Lab File: VX023419.D

Acq: 23 Jul 2021 12:40

Tgt Ion: 84 Resp: 1247

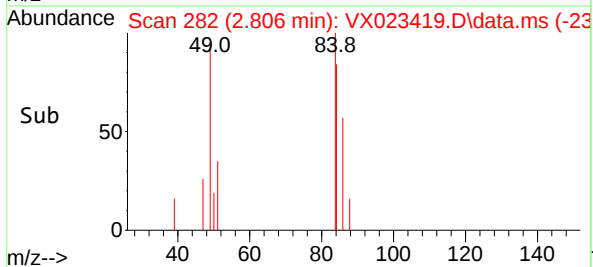
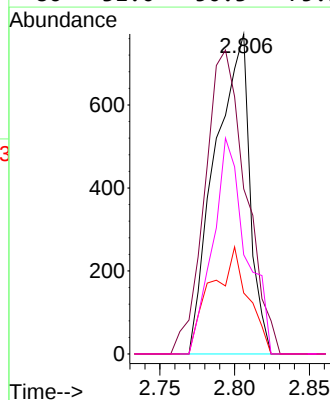
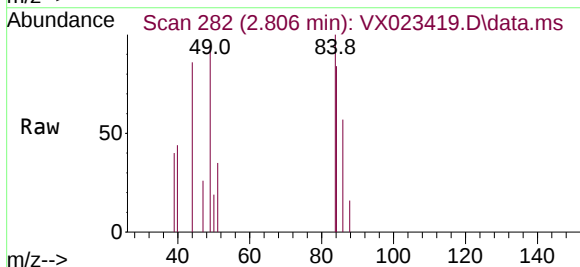
Ion Ratio Lower Upper

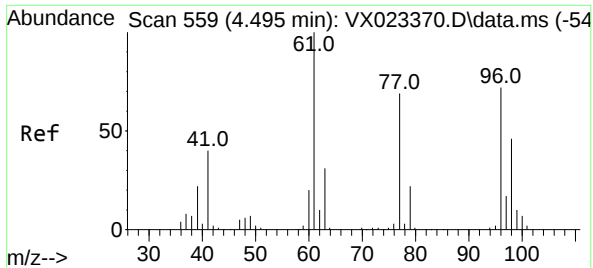
84 100

49 51.6 88.6 132.8#

51 19.1 27.0 40.6#

86 31.0 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 0.551 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.012 min

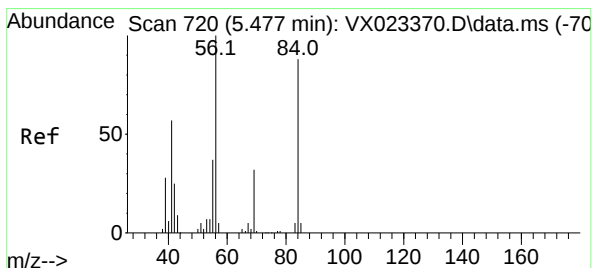
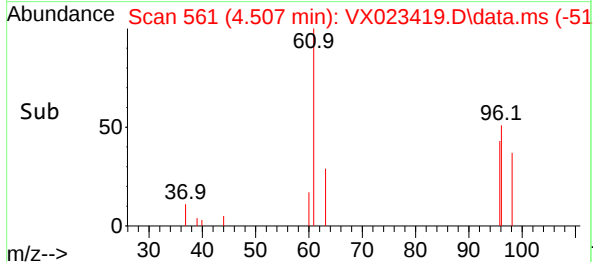
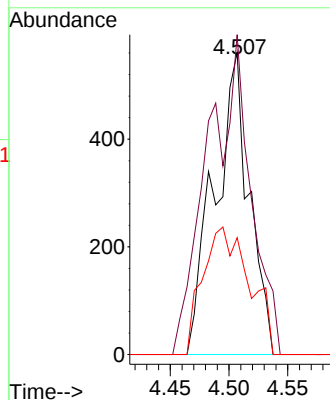
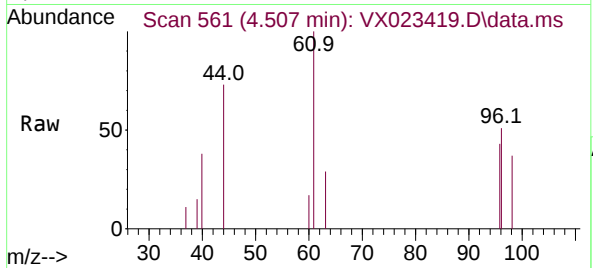
Lab File: VX023419.D

Acq: 23 Jul 2021 12:40

Tgt Ion: 96 Resp: 1146

Ion	Ratio	Lower	Upper
96	100		
61	69.1	0.0	285.6
98	0.0	0.0	129.6

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.197 ug/l

RT: 5.562 min Scan# 734

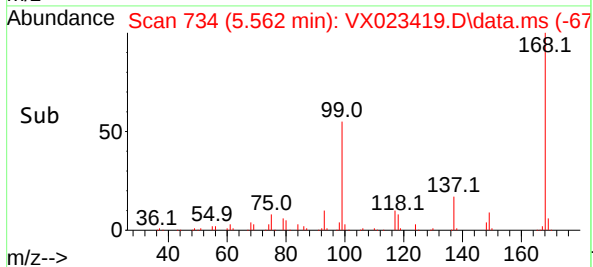
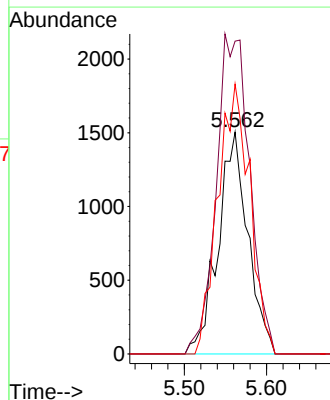
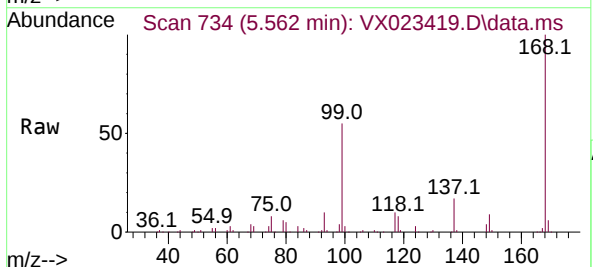
Delta R.T. 0.085 min

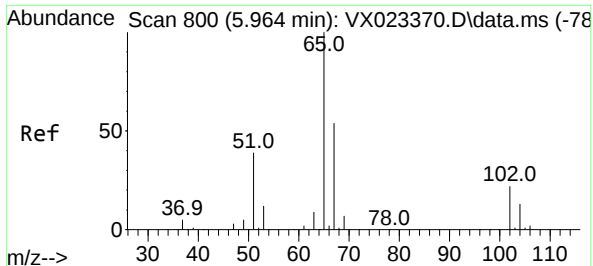
Lab File: VX023419.D

Acq: 23 Jul 2021 12:40

Tgt Ion: 56 Resp: 3799

Ion	Ratio	Lower	Upper
56	100		
69	140.9	25.3	37.9#
84	121.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.238 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023419.D

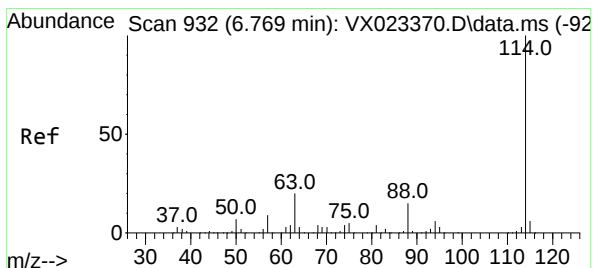
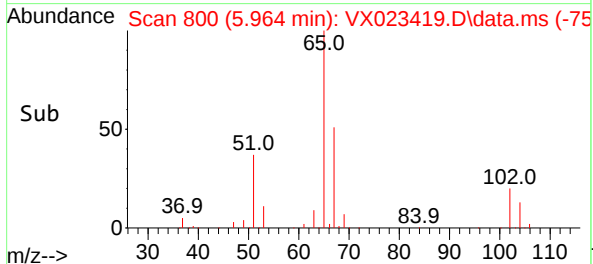
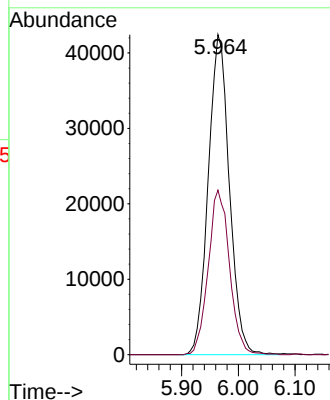
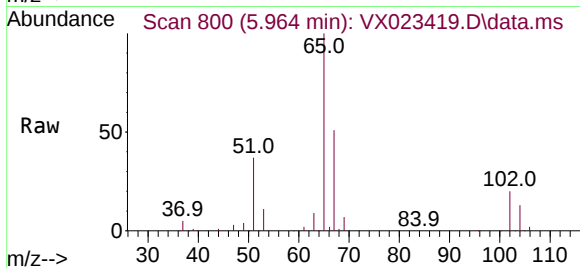
Acq: 23 Jul 2021 12:40

Tgt Ion: 65 Resp: 109755

Ion Ratio Lower Upper

65 100

67 51.9 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: VX023419.D

Acq: 23 Jul 2021 12:40

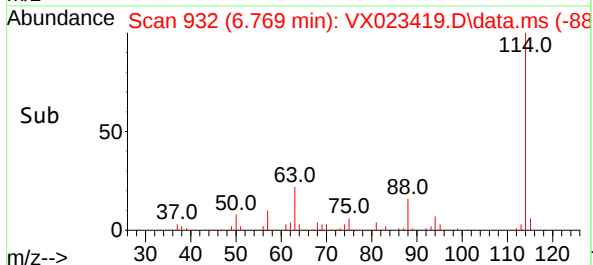
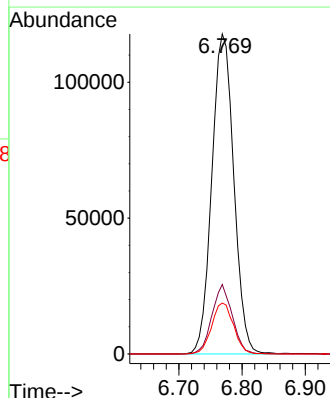
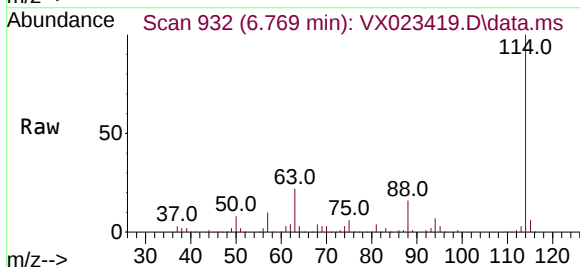
Tgt Ion: 114 Resp: 283968

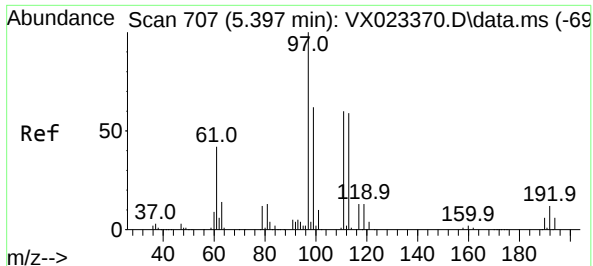
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.202 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023419.D

Acq: 23 Jul 2021 12:40

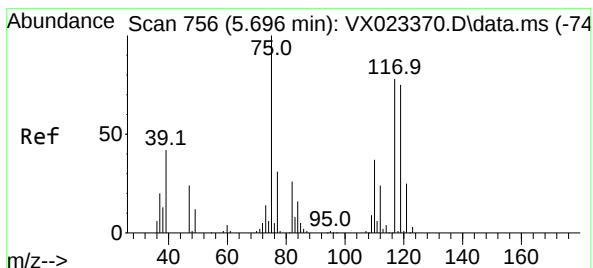
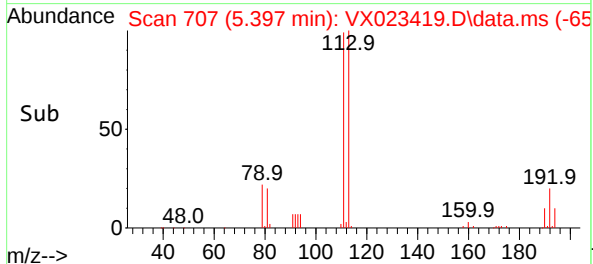
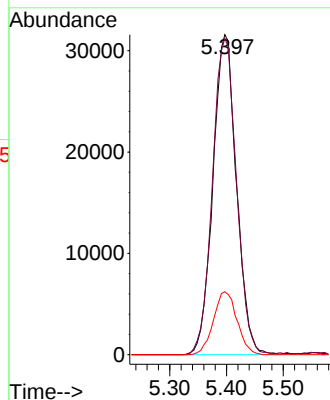
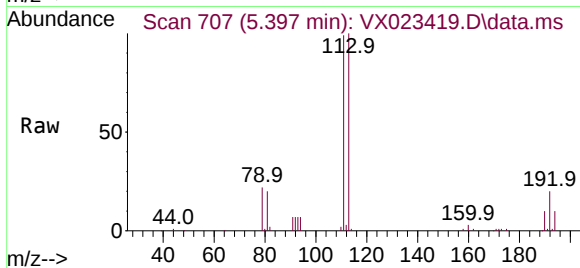
Tgt Ion:113 Resp: 90909

Ion Ratio Lower Upper

113 100

111 100.8 81.9 122.9

192 19.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.172 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023419.D

Acq: 23 Jul 2021 12:40

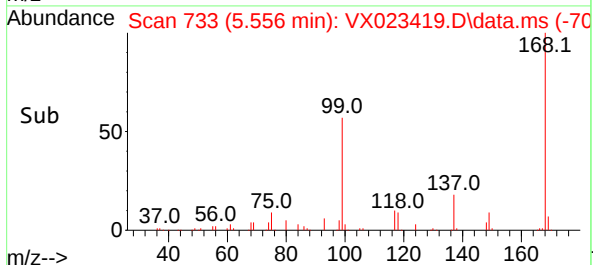
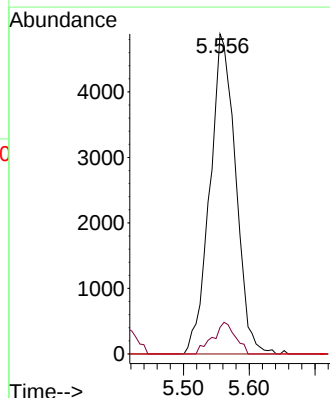
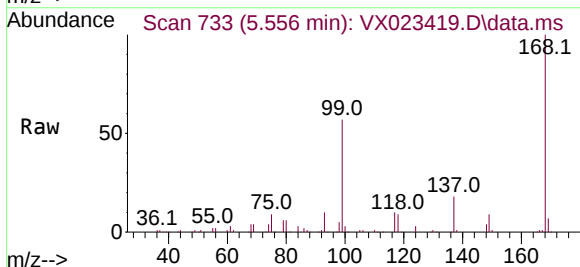
Tgt Ion: 75 Resp: 13285

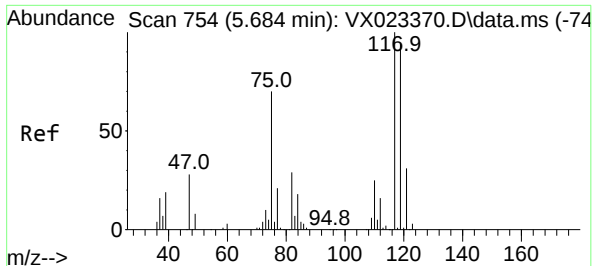
Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.4#

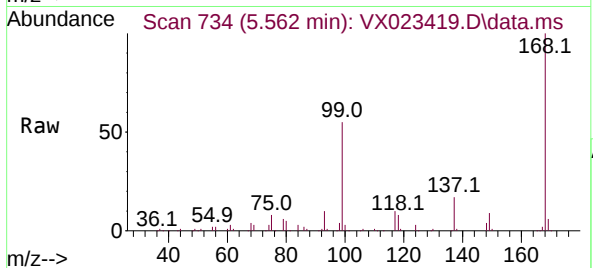
77 0.0 25.3 37.9#



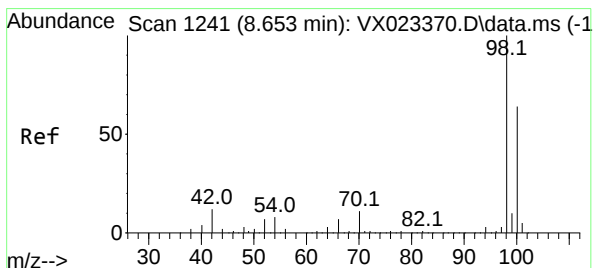
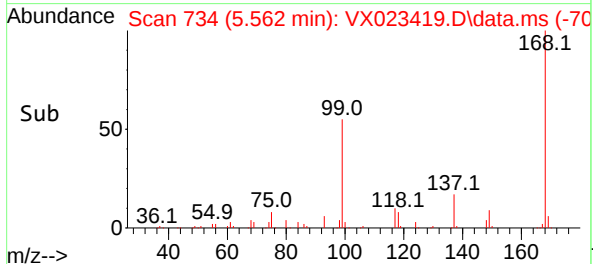
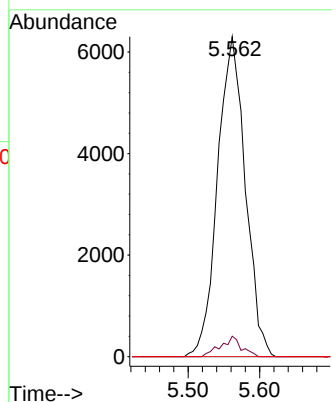


#38
Carbon Tetrachloride
Concen: 6.504 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

Instrument :
MSVOA_X
ClientSampleId :

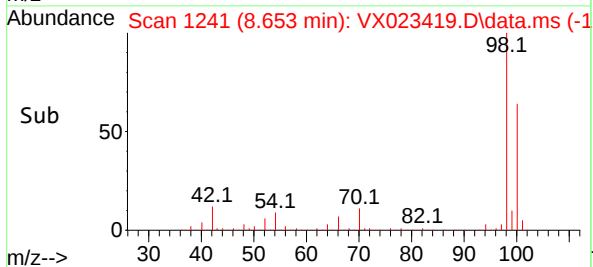
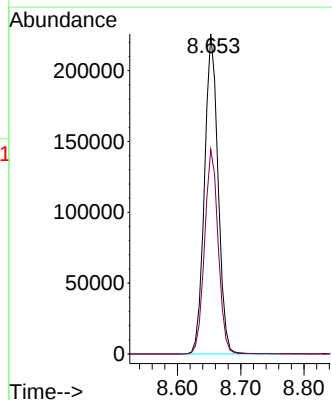
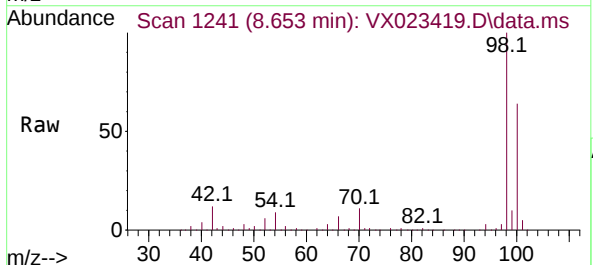


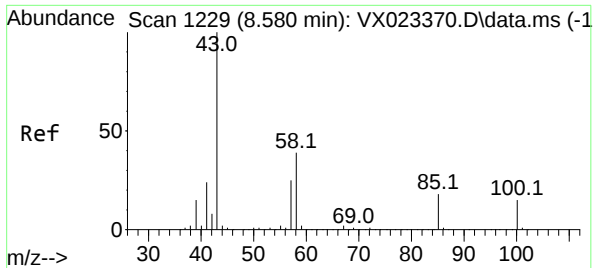
Tgt Ion:117 Resp: 16990
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.675 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

Tgt Ion: 98 Resp: 337084
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

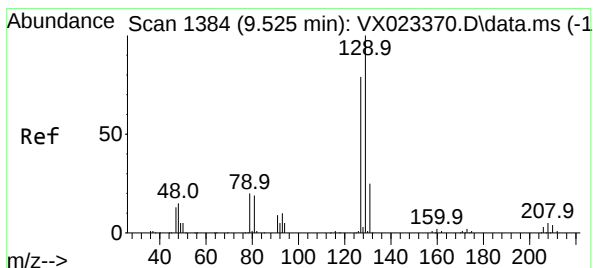
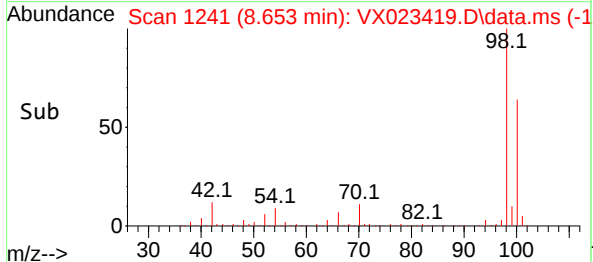
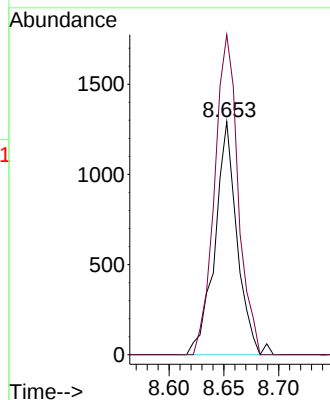
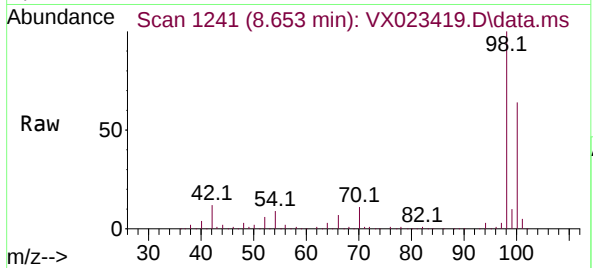




#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

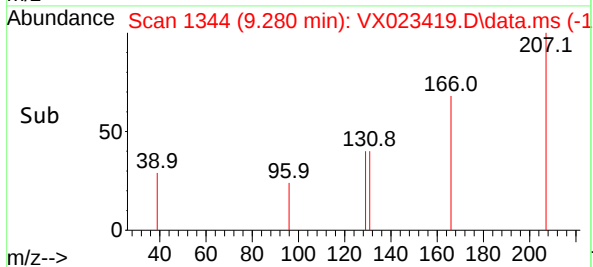
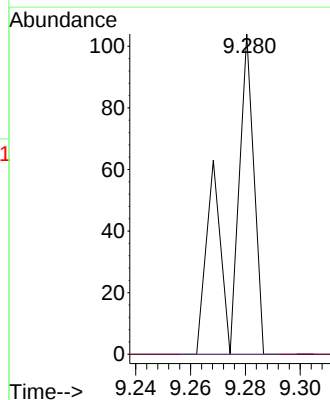
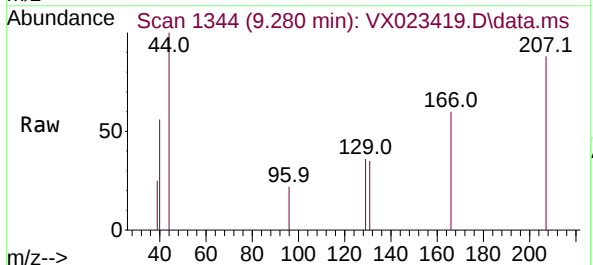
Instrument :
MSVOA_X
ClientSampled :

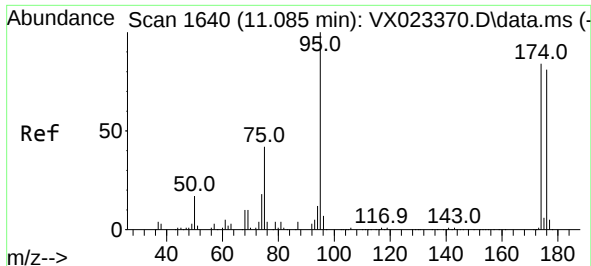
Tgt Ion: 43 Resp: 1822
Ion Ratio Lower Upper
43 100
58 146.2 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.011 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. -0.245 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

Tgt Ion: 129 Resp: 61
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

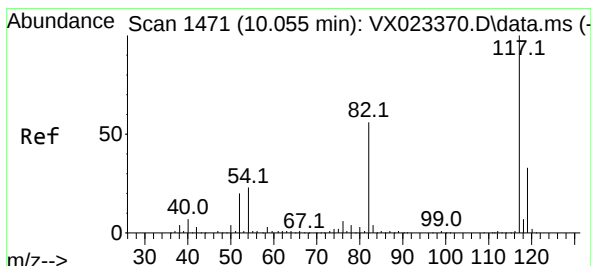
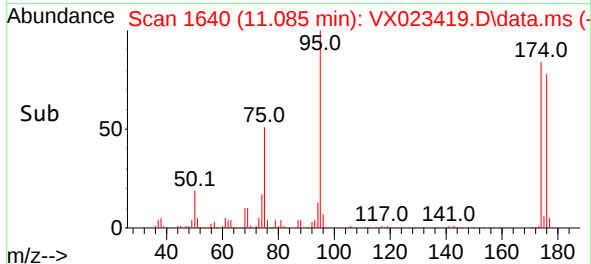
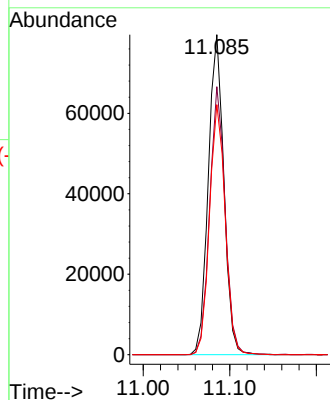
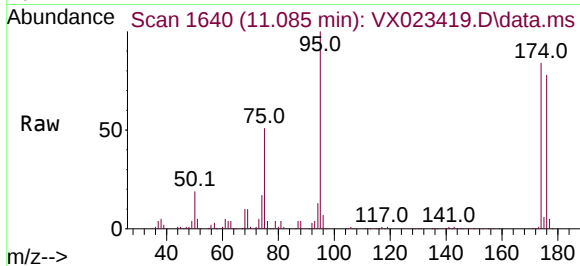




#62
4-Bromofluorobenzene
Concen: 44.712 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

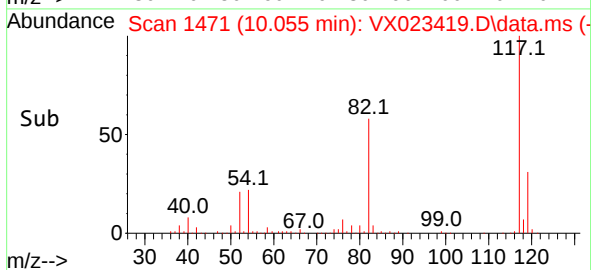
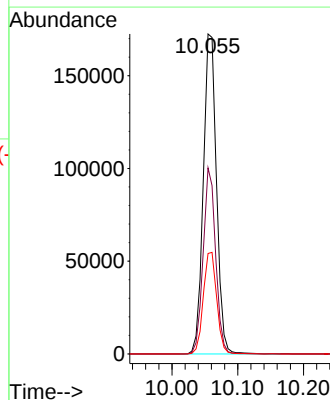
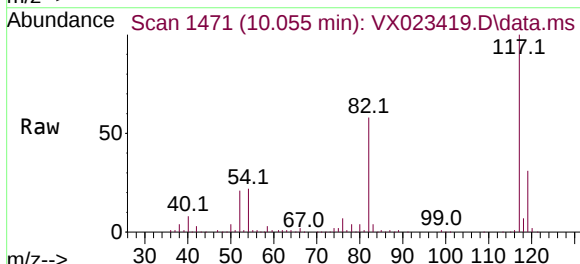
Instrument :
MSVOA_X
ClientSampleId :

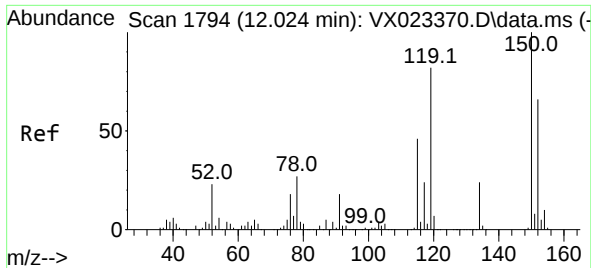
Tgt Ion: 95 Resp: 99179
Ion Ratio Lower Upper
95 100
174 83.4 0.0 154.6
176 79.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023419.D
Acq: 23 Jul 2021 12:40

Tgt Ion: 117 Resp: 240620
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.4 26.6 39.8

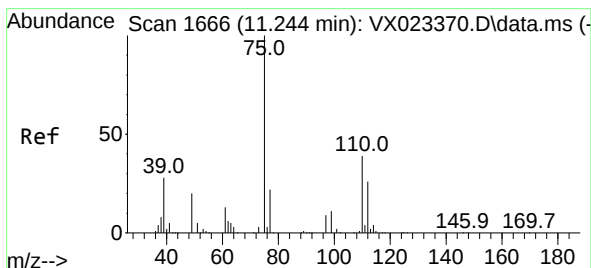
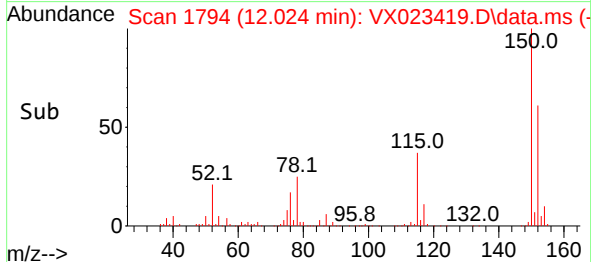
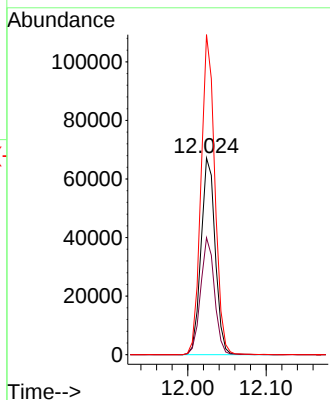
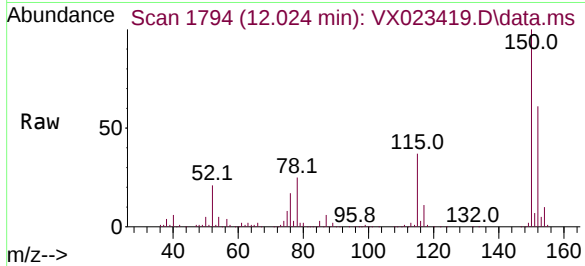




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX023419.D
 Acq: 23 Jul 2021 12:40

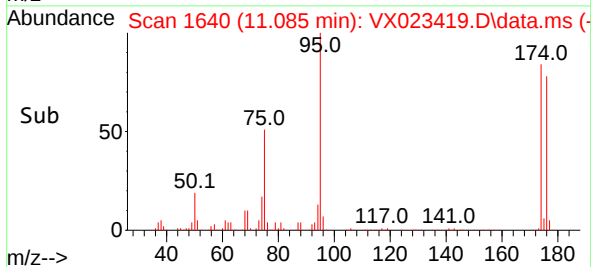
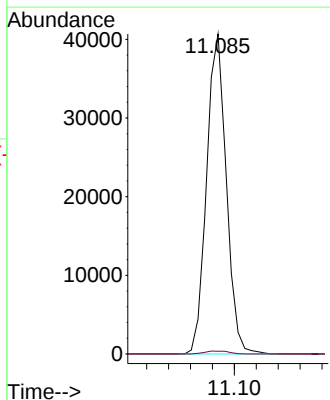
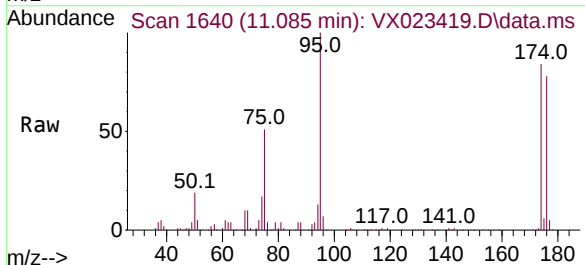
Instrument :
 MSVOA_X
 ClientSampled :

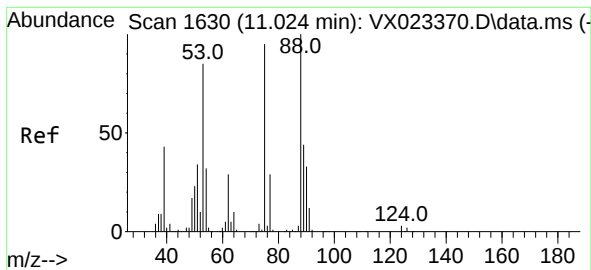
Tgt Ion:152 Resp: 84204
 Ion Ratio Lower Upper
 152 100
 115 58.4 41.1 123.3
 150 158.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.379 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023419.D
 Acq: 23 Jul 2021 12:40

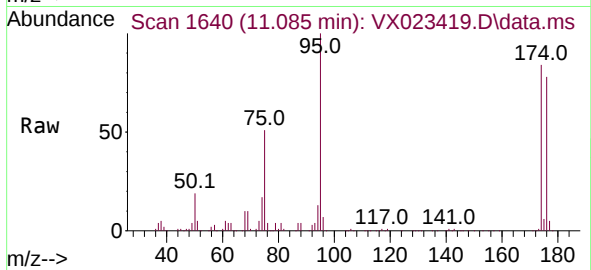
Tgt Ion: 75 Resp: 50732
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.618 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023419.D
 Acq: 23 Jul 2021 12:40

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 50732
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

