

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023699.D
 Acq On : 13 Aug 2021 18:34
 Operator : JC/MD
 Sample : PB138358ZHE#16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 14 05:29:05 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)

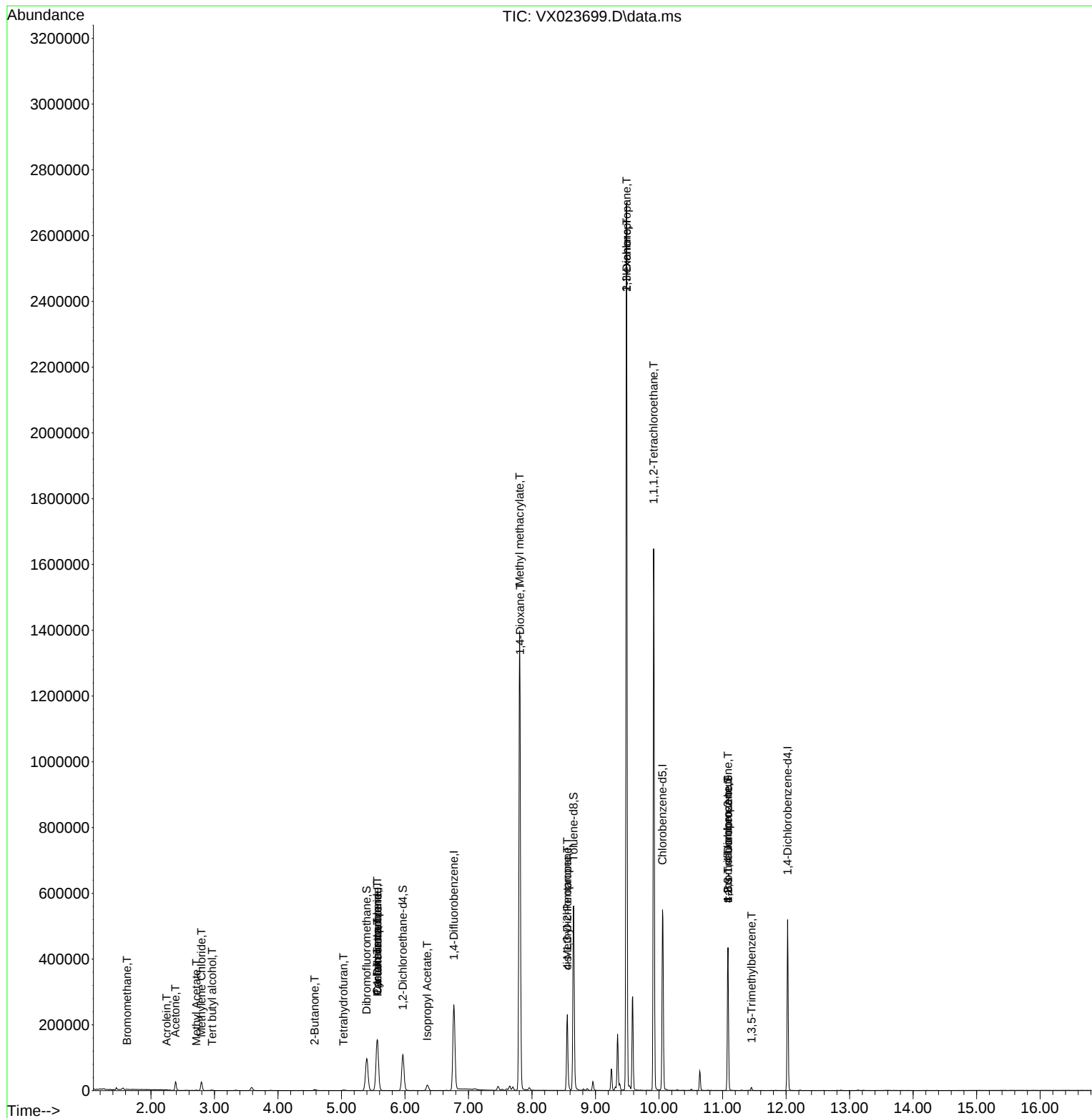
Internal Standards						
1) Pentafluorobenzene	5.568	168	147559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105571	57.355	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.700%
35) Dibromofluoromethane	5.397	113	84085	52.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.780%
50) Toluene-d8	8.653	98	321872	54.584	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.160%
62) 4-Bromofluorobenzene	11.085	95	109576	54.647	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.300%
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	335	0.352	ug/l #	31
11) Tert butyl alcohol	2.965	59	1371	3.261	ug/l #	78
13) Acrolein	2.245	56	26	1.485	ug/l #	1
16) Acetone	2.386	43	27068	29.978	ug/l	98
18) Methyl Acetate	2.715	43	1772	0.826	ug/l #	87
20) Methylene Chloride	2.794	84	11417	6.500	ug/l #	89
25) 2-Butanone	4.574	43	4363	3.112	ug/l	98
29) Tetrahydrofuran	5.031	42	940	1.023	ug/l #	79
31) Cyclohexane	5.562	56	3256	1.194	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	11505	4.955	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15102	6.395	ug/l #	20
43) Isopropyl Acetate	6.348	43	22813	5.028	ug/l #	90
48) Methyl methacrylate	7.805	41	124926	59.456	ug/l #	38
49) 1,4-Dioxane	7.811	88	134	2.995	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	81047	29.207	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	33867	12.202	ug/l #	70
57) 1,3-Dichloropropane	9.488	76	21632	7.370	ug/l #	43
59) 2-Hexanone	9.488	43	316634	150.261	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	9.915	131	61	1.005	ug/l #	8
76) 1,2,3-Trichloropropane	11.085	75	58438	26.749	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	4473	0.733	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	58438	71.924	ug/l #	12

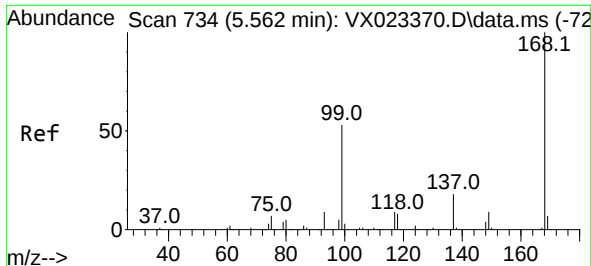
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Title : SW846 8260
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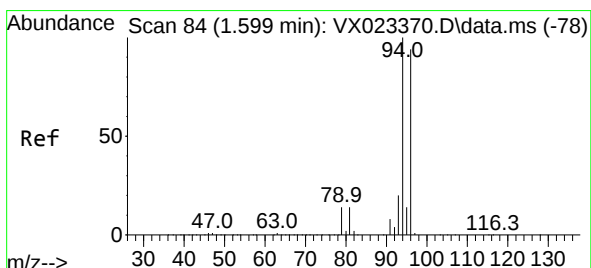
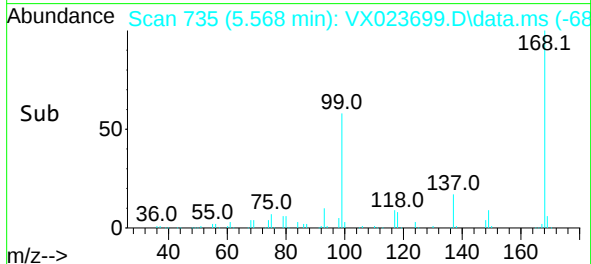
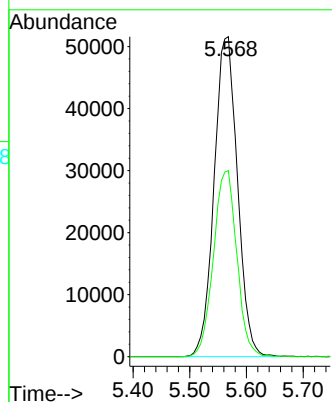
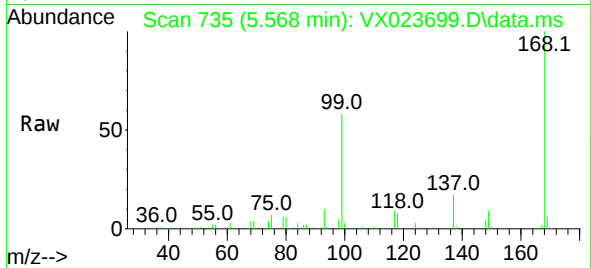




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

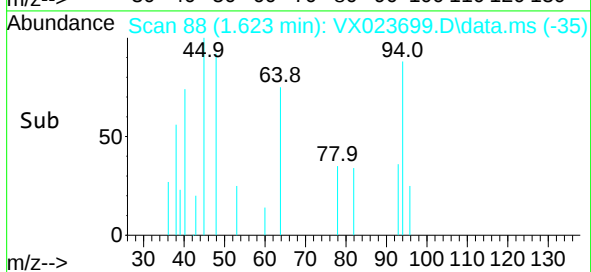
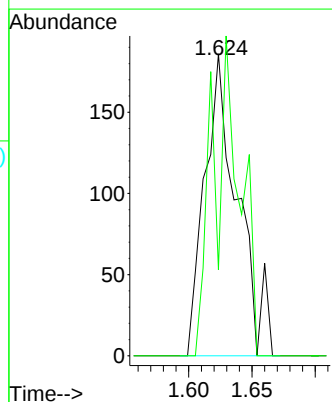
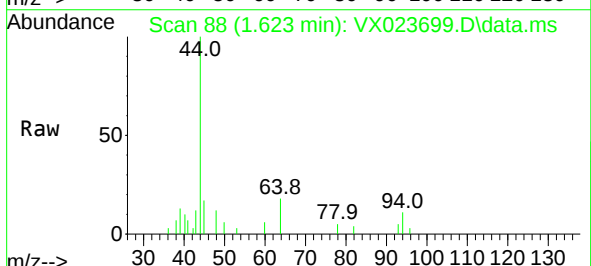
Instrument :
MSVOA_X
ClientSampled :

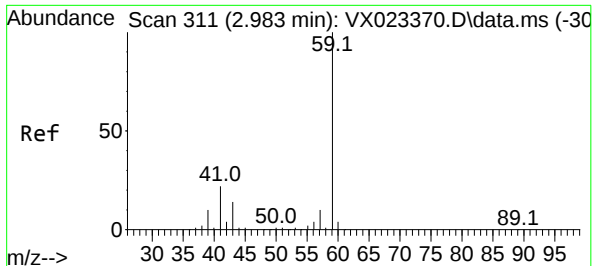
Tgt Ion:168 Resp: 147559
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 0.352 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Tgt Ion: 94 Resp: 335
Ion Ratio Lower Upper
94 100
96 28.5 76.4 114.6#



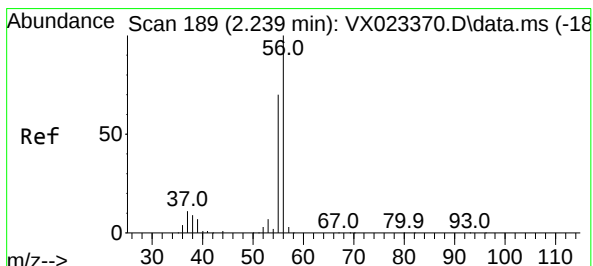
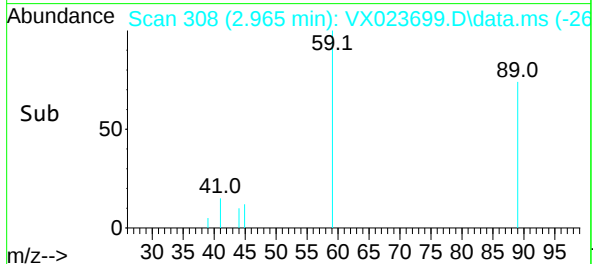
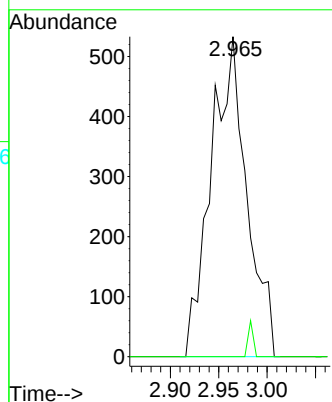
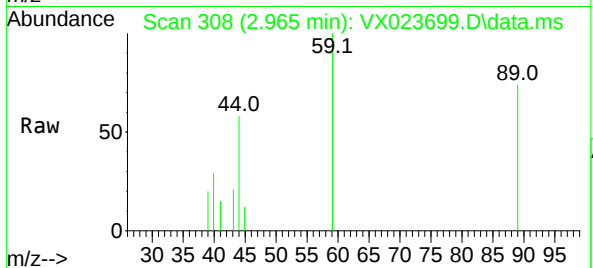


#11

Tert butyl alcohol
Concen: 3.261 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Instrument :
MSVOA_X
ClientSampled :

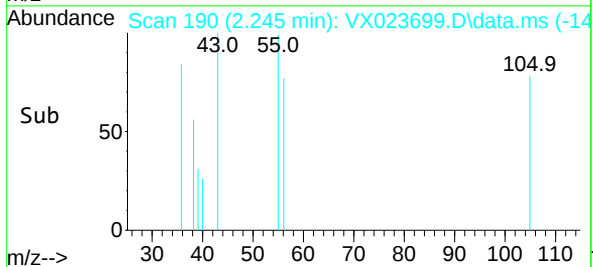
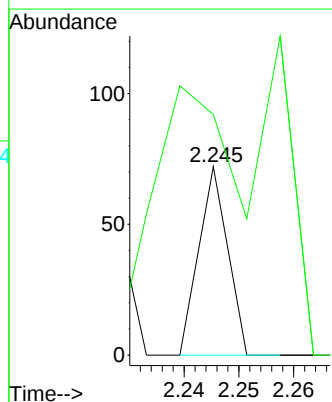
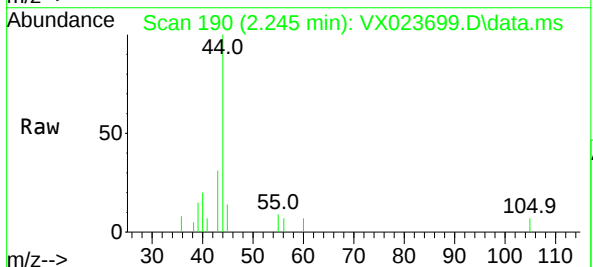
Tgt Ion: 59 Resp: 1371
Ion Ratio Lower Upper
59 100
57 1.6 7.8 11.8#

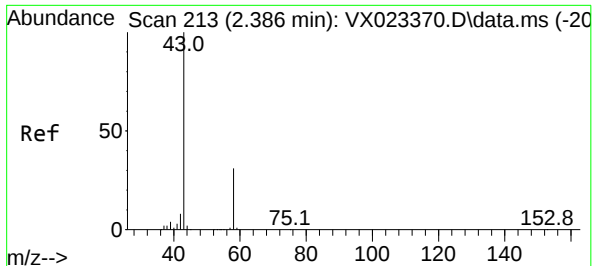


#13

Acrolein
Concen: 1.485 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 596.2 56.4 84.6#

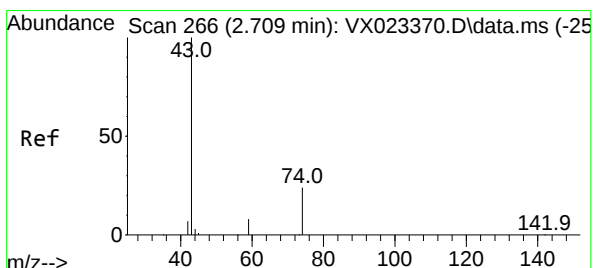
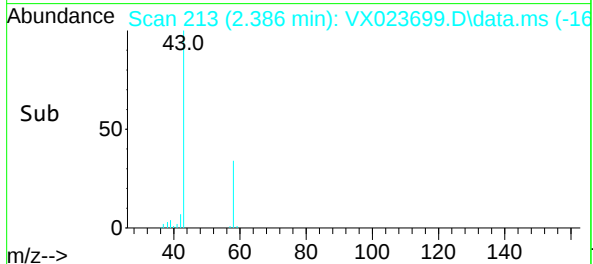
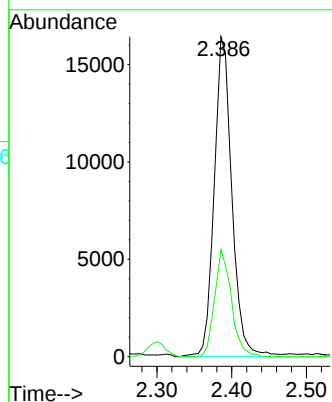
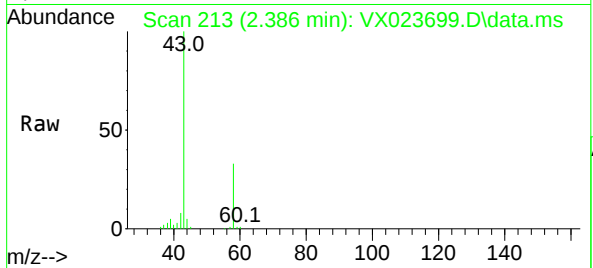




#16
Acetone
Concen: 29.978 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

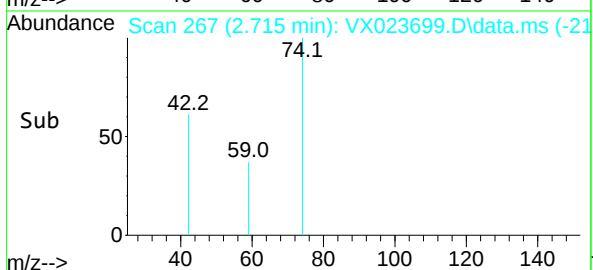
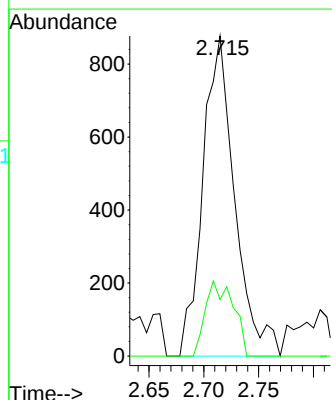
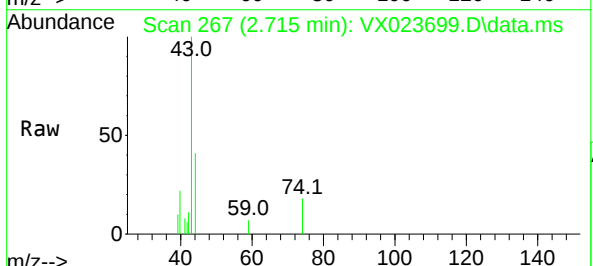
Instrument :
MSVOA_X
ClientSampled :

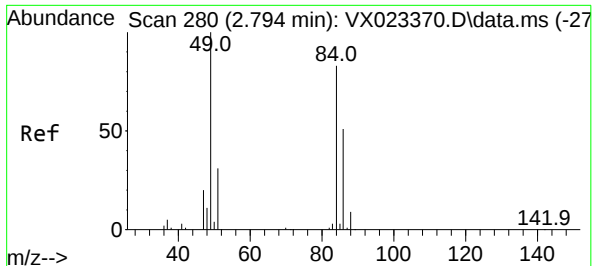
Tgt Ion: 43 Resp: 27068
Ion Ratio Lower Upper
43 100
58 33.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.826 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

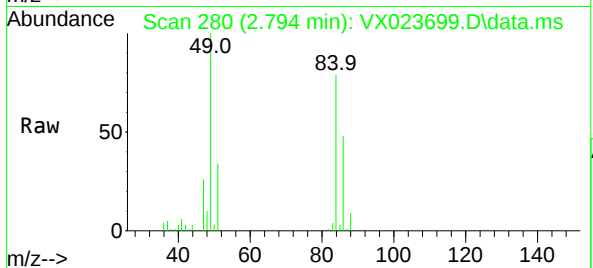
Tgt Ion: 43 Resp: 1772
Ion Ratio Lower Upper
43 100
74 20.6 21.9 32.9#



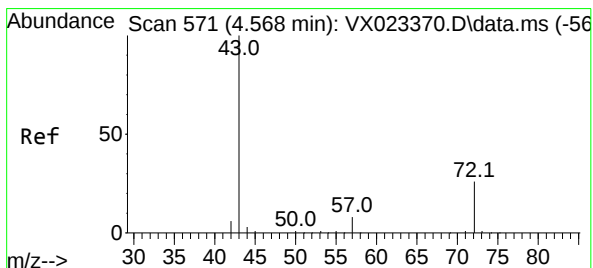
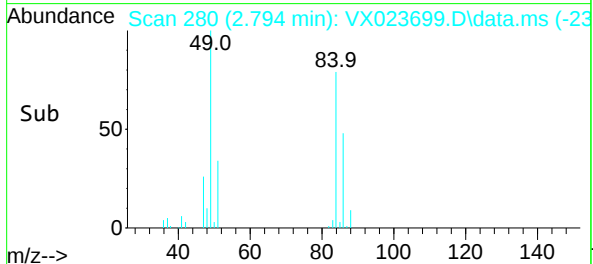
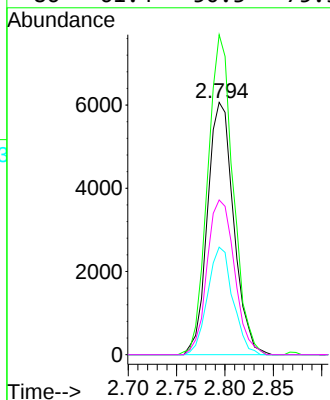


#20
Methylene Chloride
Concen: 6.500 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :

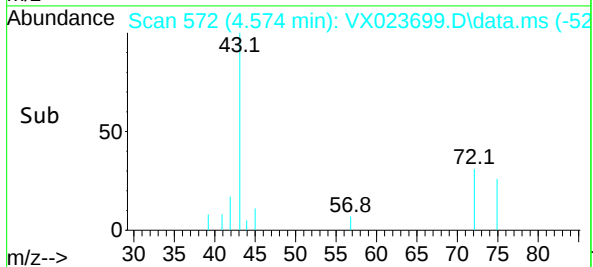
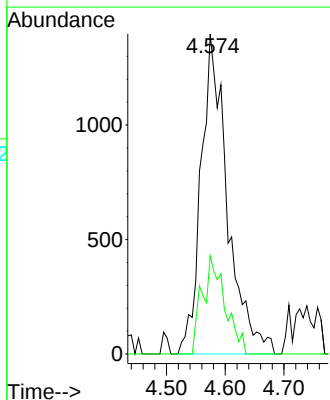
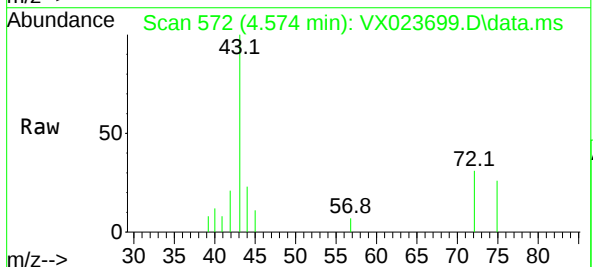


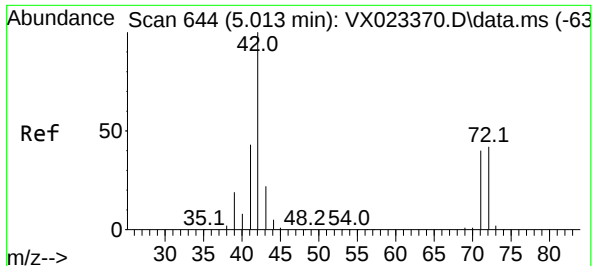
Tgt Ion:	84	Resp:	11417
Ion	Ratio	Lower	Upper
84	100		
49	126.9	88.6	132.8
51	42.6	27.0	40.6#
86	61.4	50.3	75.5



#25
2-Butanone
Concen: 3.112 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Tgt Ion:	43	Resp:	4363
Ion	Ratio	Lower	Upper
43	100		
72	30.7	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.023 ug/l

RT: 5.031 min Scan# 647

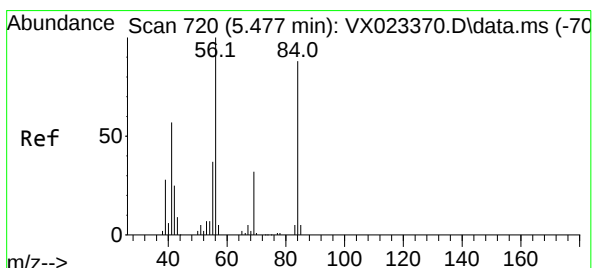
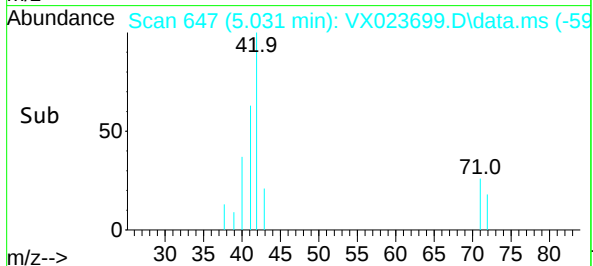
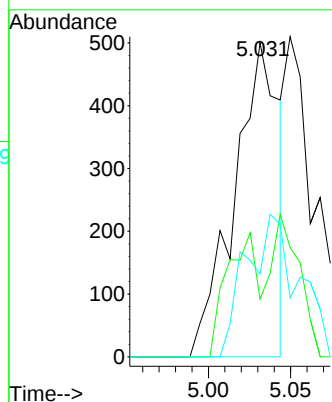
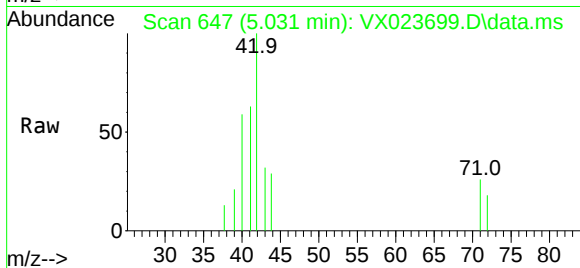
Delta R.T. 0.018 min

Lab File: VX023699.D

Acq: 13 Aug 2021 18:34

Tgt Ion:	42	Resp:	940
Ion	Ratio	Lower	Upper
42	100		
72	28.9	41.7	62.5#
71	52.9	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.194 ug/l

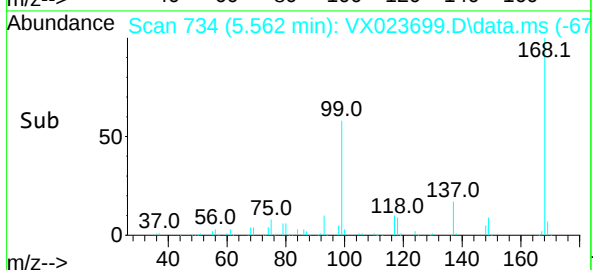
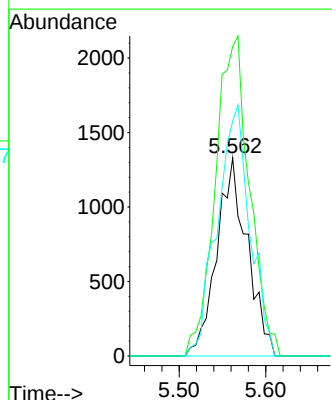
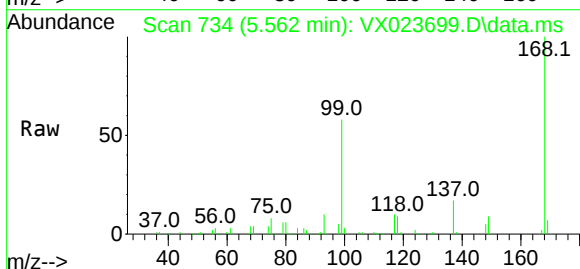
RT: 5.562 min Scan# 734

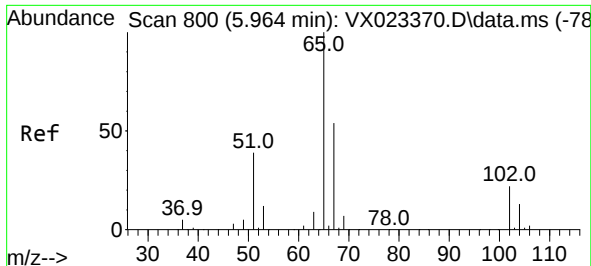
Delta R.T. 0.085 min

Lab File: VX023699.D

Acq: 13 Aug 2021 18:34

Tgt Ion:	56	Resp:	3256
Ion	Ratio	Lower	Upper
56	100		
69	156.2	25.3	37.9#
84	118.6	71.4	107.0#

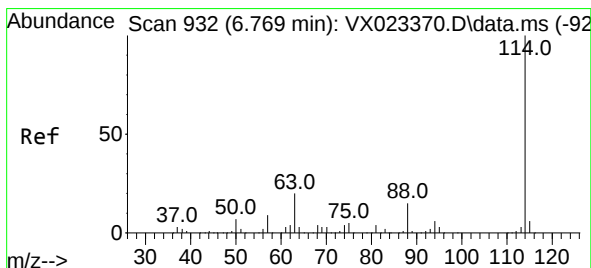
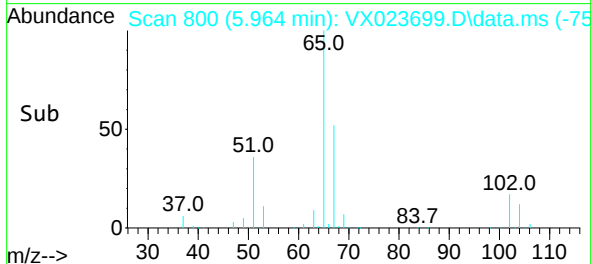
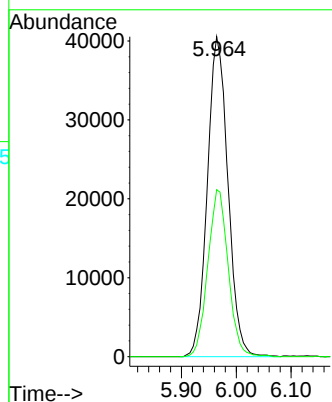
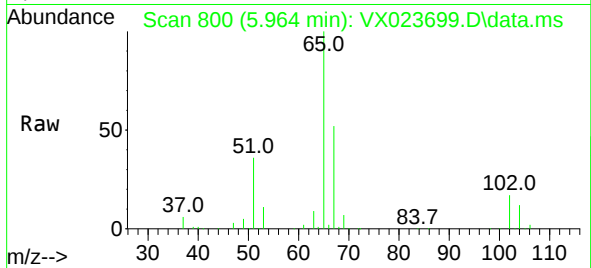




#33
1,2-Dichloroethane-d4
Concen: 57.355 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

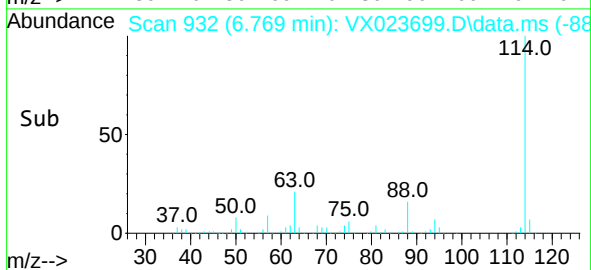
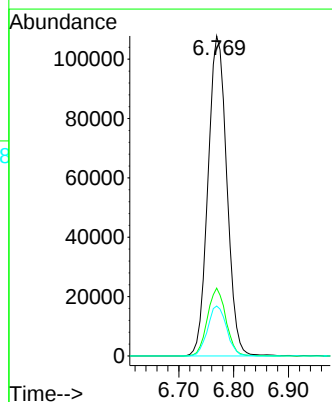
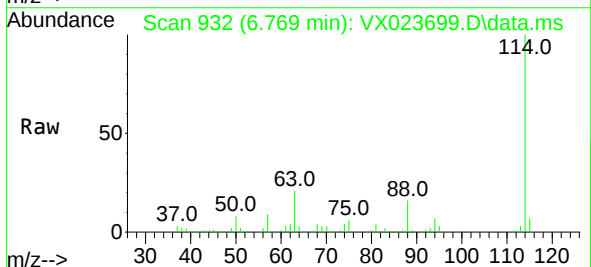
Instrument :
MSVOA_X
ClientSampleId :

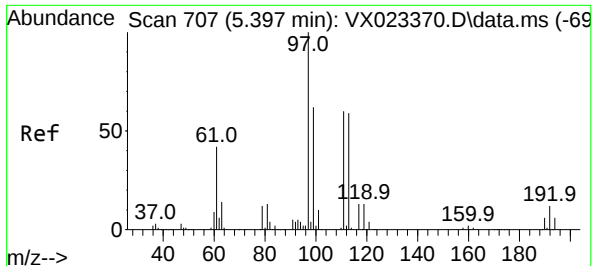
Tgt Ion: 65 Resp: 105571
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Tgt Ion: 114 Resp: 256698
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.390 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023699.D

Acq: 13 Aug 2021 18:34

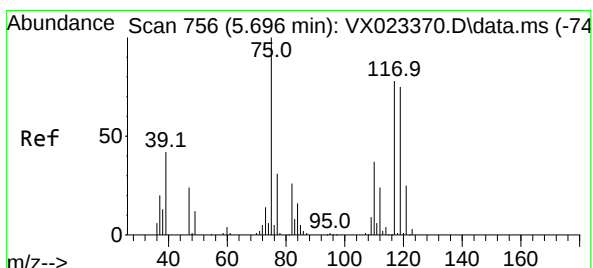
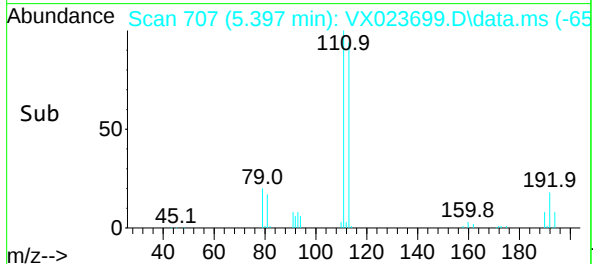
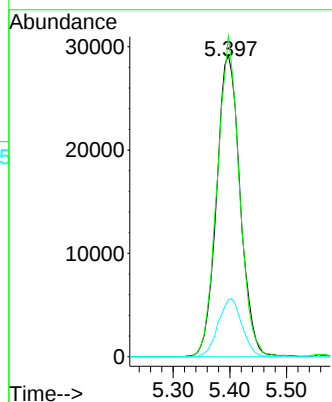
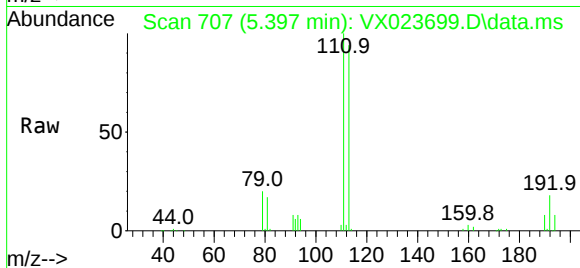
Tgt Ion:113 Resp: 84085

Ion Ratio Lower Upper

113 100

111 100.5 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.955 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX023699.D

Acq: 13 Aug 2021 18:34

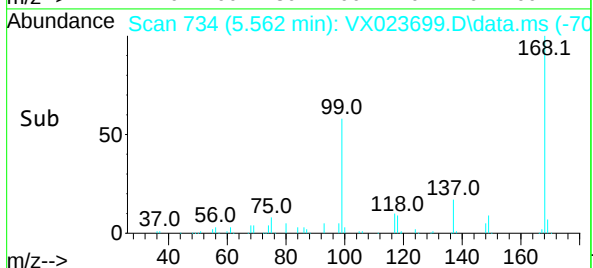
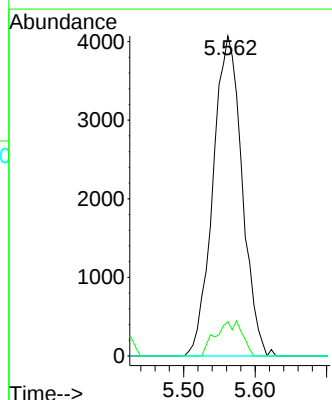
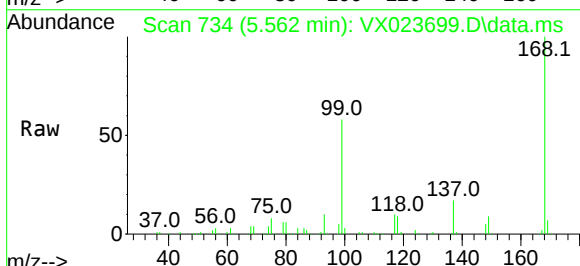
Tgt Ion: 75 Resp: 11505

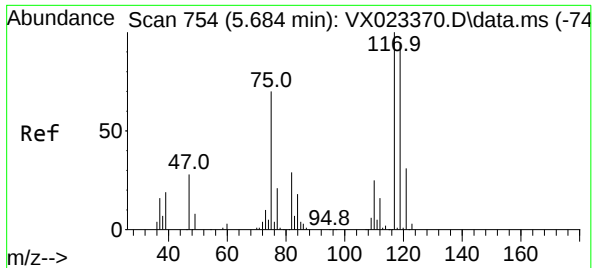
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

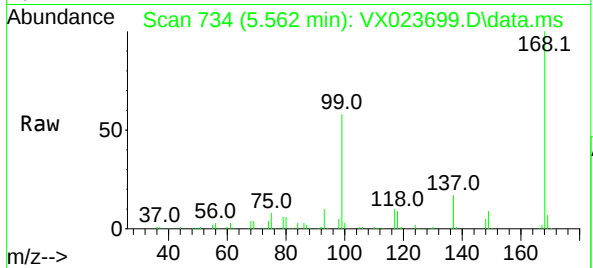
77 0.0 25.3 37.9#



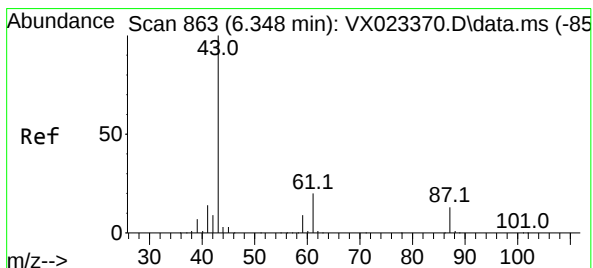
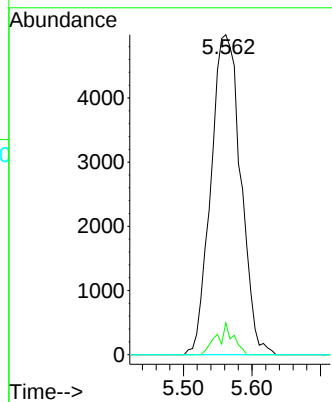
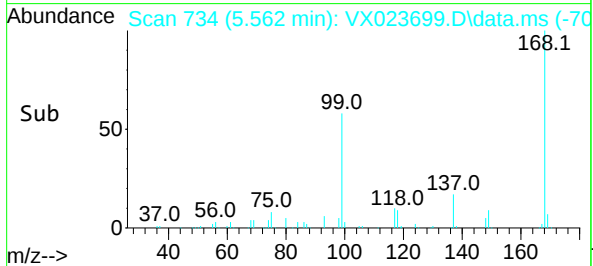


#38
Carbon Tetrachloride
Concen: 6.395 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

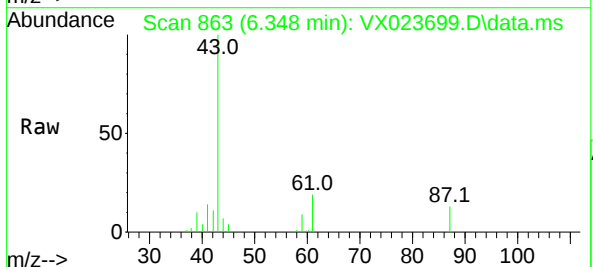
Instrument :
MSVOA_X
ClientSampled :



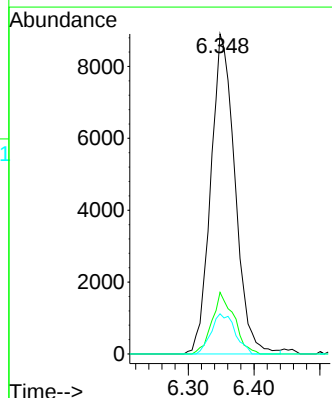
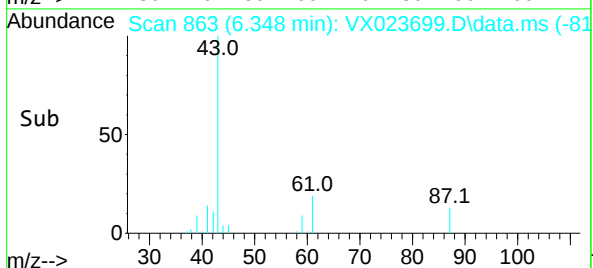
Tgt Ion:117 Resp: 15102
Ion Ratio Lower Upper
117 100
119 9.9 76.2 114.2#
121 0.0 24.8 37.2#

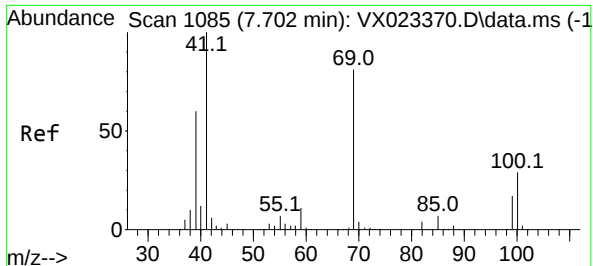


#43
Isopropyl Acetate
Concen: 5.028 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34



Tgt Ion: 43 Resp: 22813
Ion Ratio Lower Upper
43 100
61 17.6 18.2 27.4#
87 12.3 12.5 18.7#

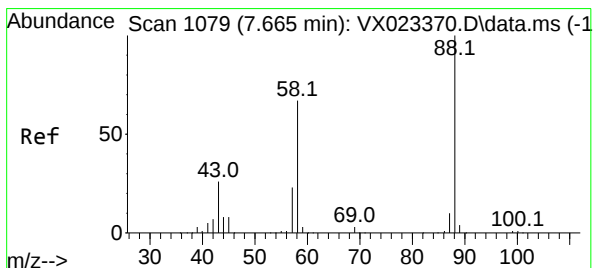
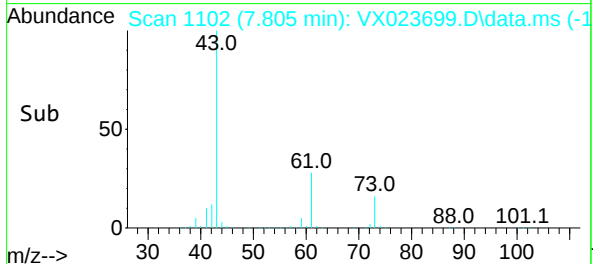
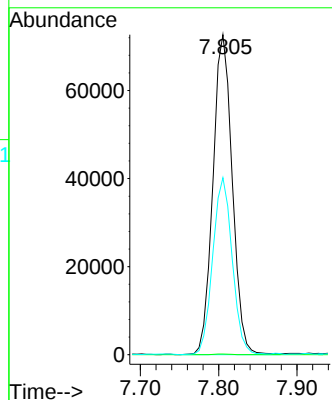
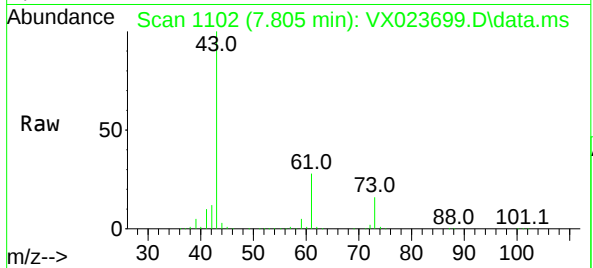




#48
Methyl methacrylate
Concen: 59.456 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.103 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

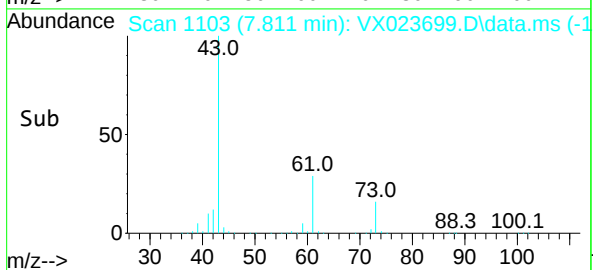
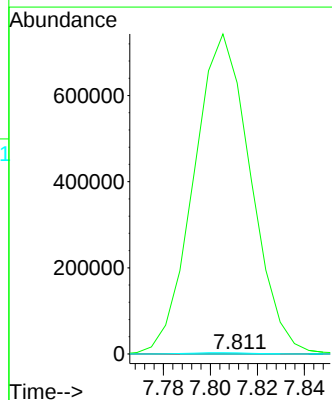
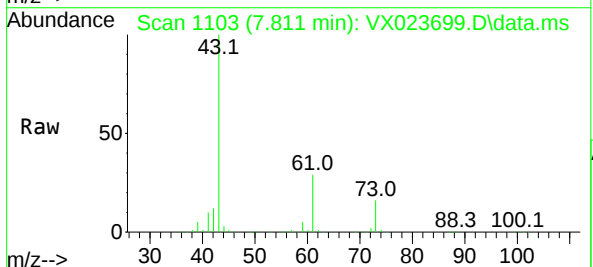
Instrument :
MSVOA_X
ClientSampled :

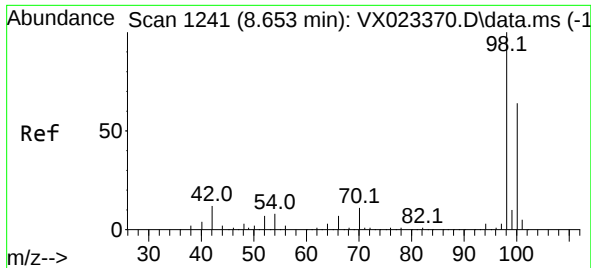
Tgt Ion: 41 Resp: 124926
Ion Ratio Lower Upper
41 100
69 0.2 76.0 114.0#
39 55.6 44.6 67.0



#49
1,4-Dioxane
Concen: 2.995 ug/l
RT: 7.811 min Scan# 1103
Delta R.T. 0.146 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Tgt Ion: 88 Resp: 134
Ion Ratio Lower Upper
88 100
43 940844.8 23.2 34.8#
58 4110.4 55.0 82.4#

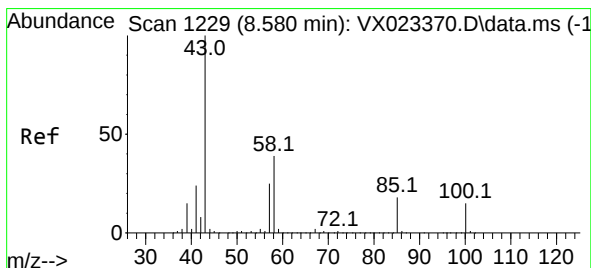
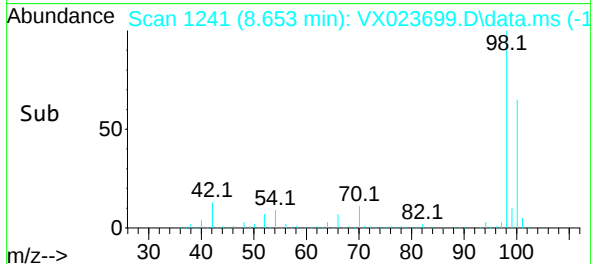
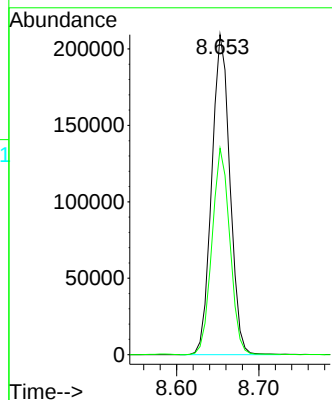
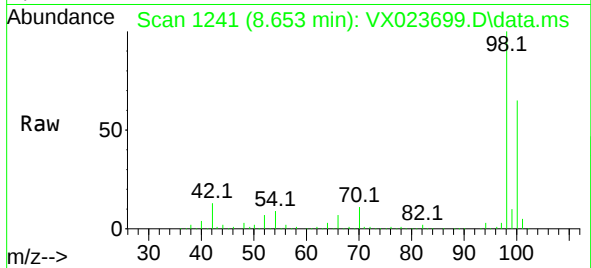




#50
Toluene-d8
Concen: 54.584 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

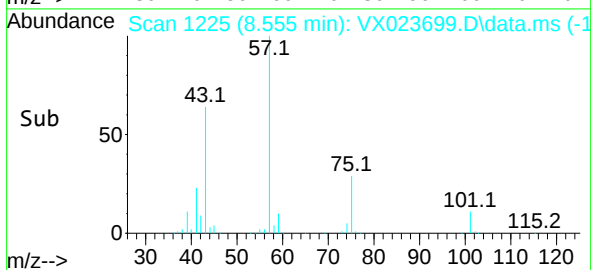
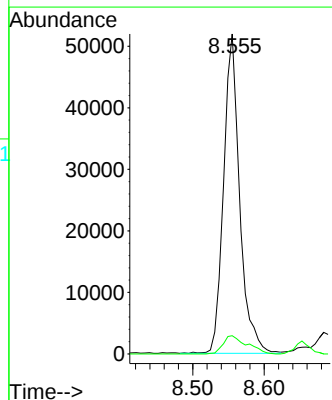
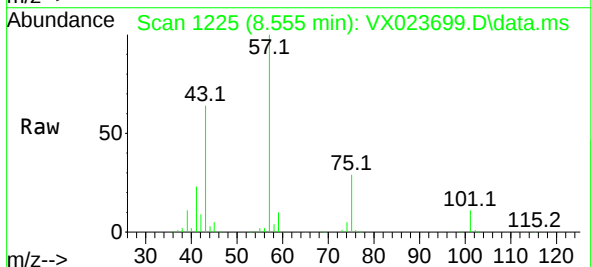
Instrument :
MSVOA_X
ClientSampled :

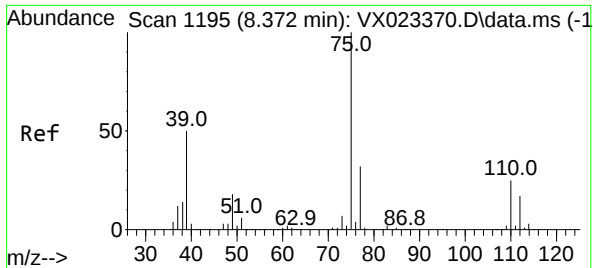
Tgt Ion: 98 Resp: 321872
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 29.207 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Tgt Ion: 43 Resp: 81047
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#

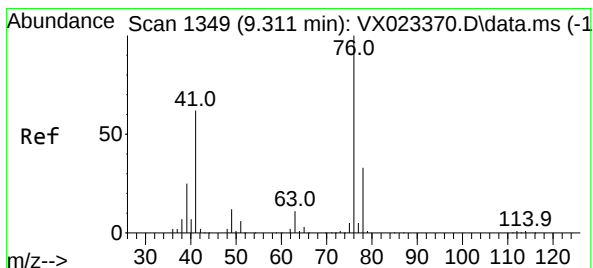
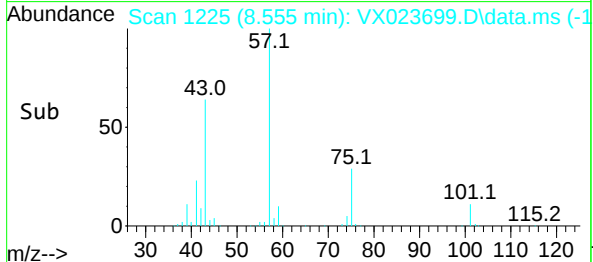
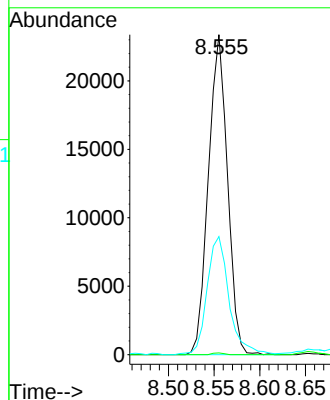
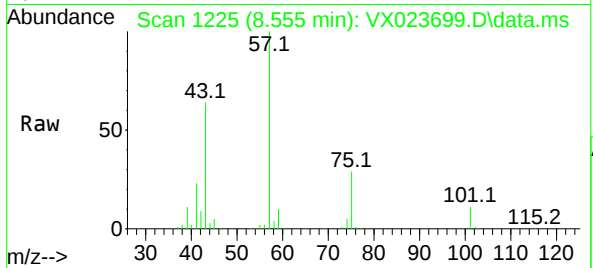




#54
cis-1,3-Dichloropropene
Concen: 12.202 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

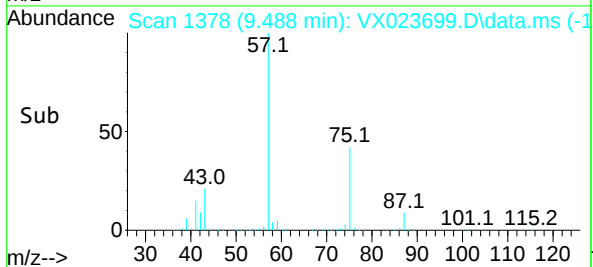
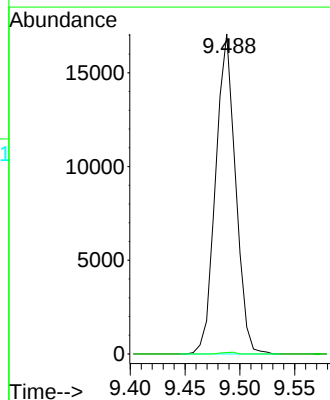
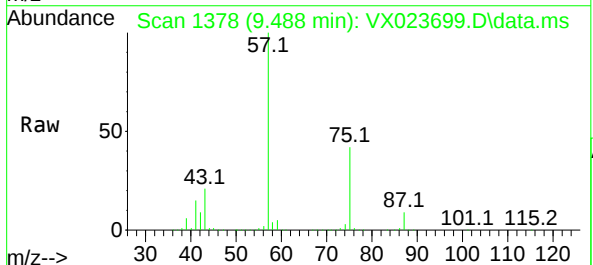
Instrument :
MSVOA_X
ClientSampled :

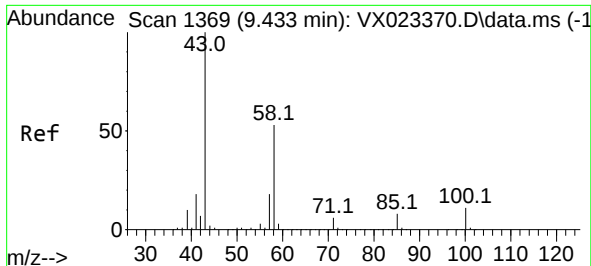
Tgt Ion: 75 Resp: 33867
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 36.6 35.1 52.7



#57
1,3-Dichloropropane
Concen: 7.370 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Tgt Ion: 76 Resp: 21632
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#

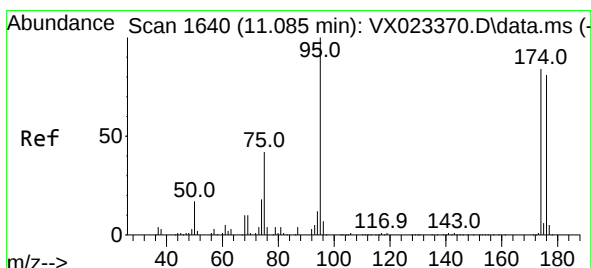
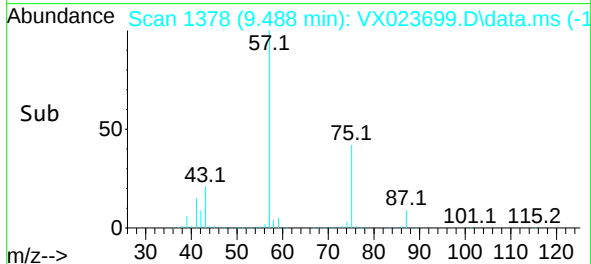
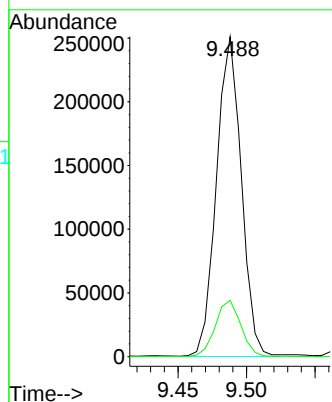
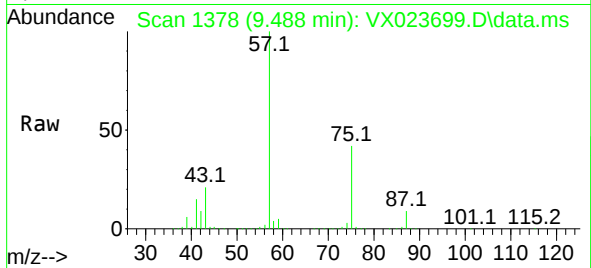




#59
2-Hexanone
Concen: 150.261 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

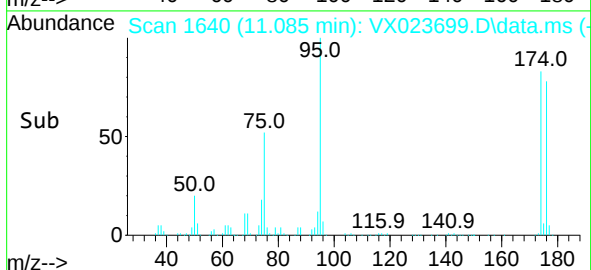
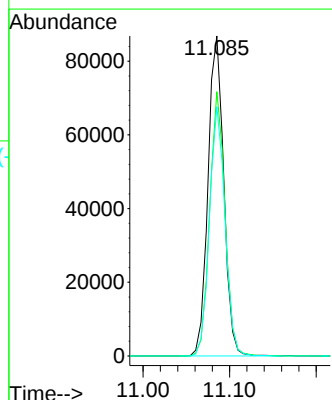
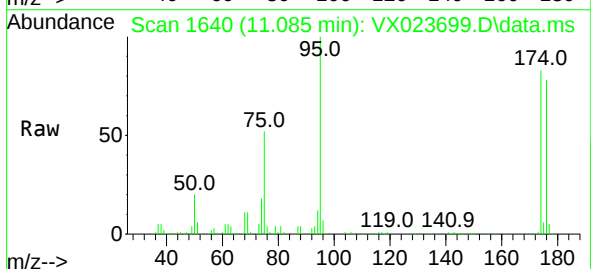
Instrument :
MSVOA_X
ClientSampled :

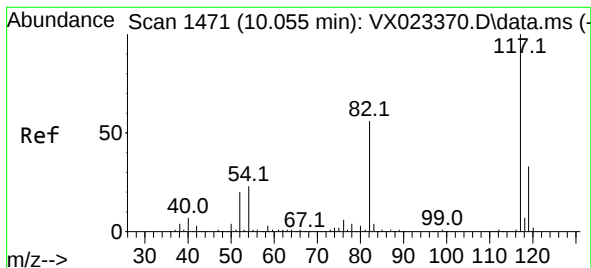
Tgt Ion: 43 Resp: 316634
Ion Ratio Lower Upper
43 100
58 18.1 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 54.647 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Tgt Ion: 95 Resp: 109576
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 76.8 0.0 155.8

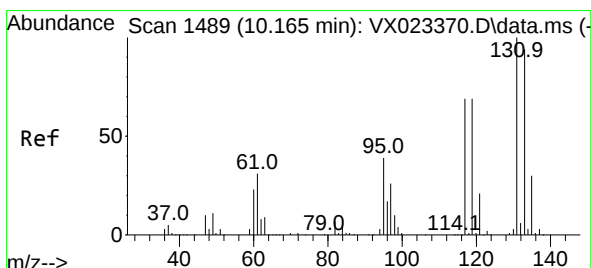
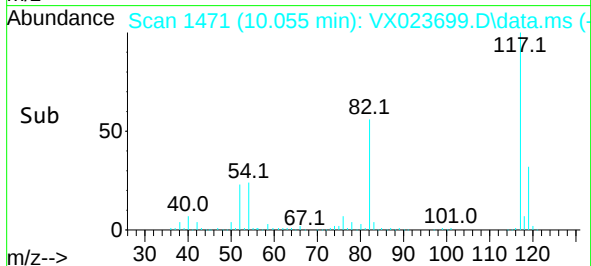
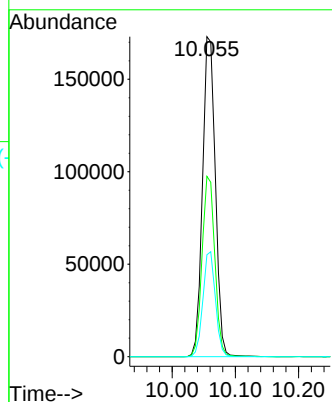
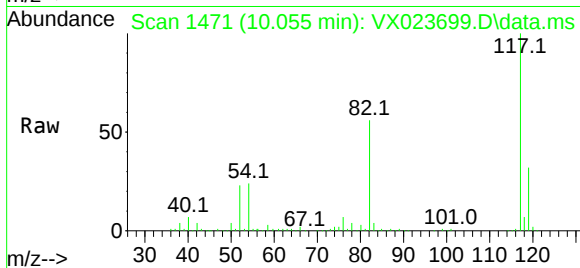




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

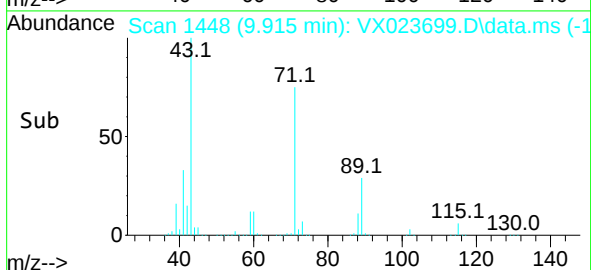
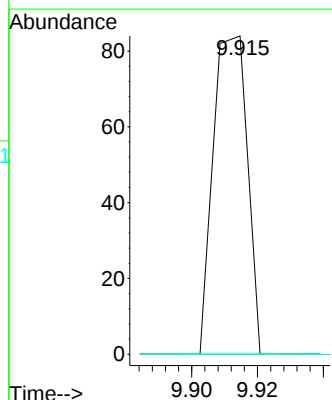
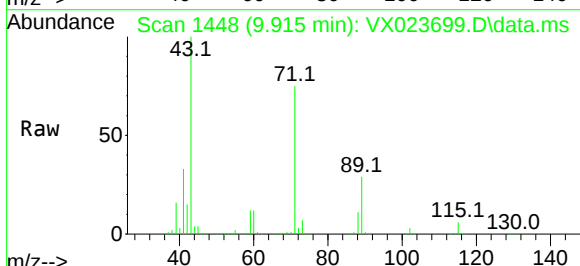
Instrument :
MSVOA_X
ClientSampled :

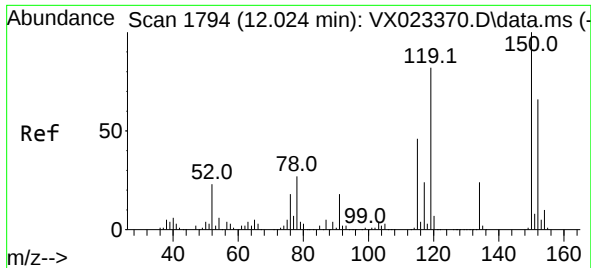
Tgt Ion:117 Resp: 244557
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.9 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.005 ug/l
RT: 9.915 min Scan# 1448
Delta R.T. -0.250 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Tgt Ion:131 Resp: 61
Ion Ratio Lower Upper
131 100
133 0.0 47.7 143.1#
119 0.0 32.1 96.5#

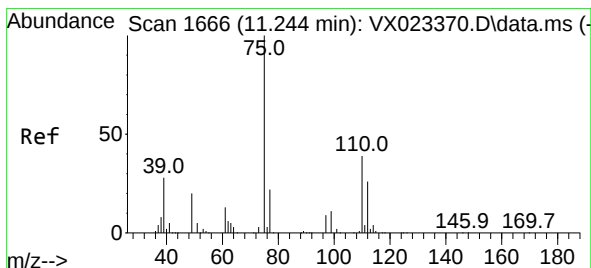
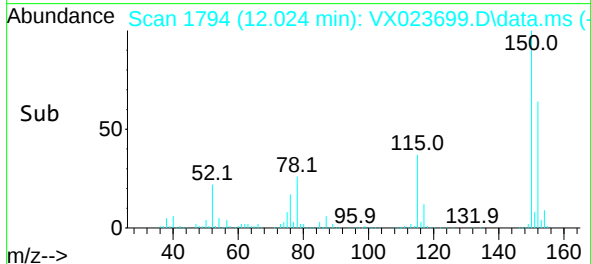
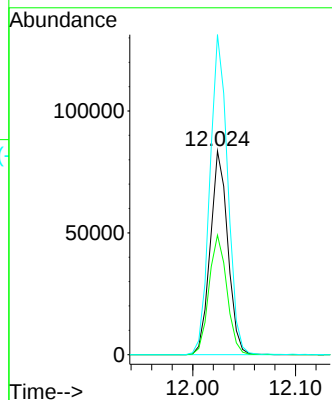
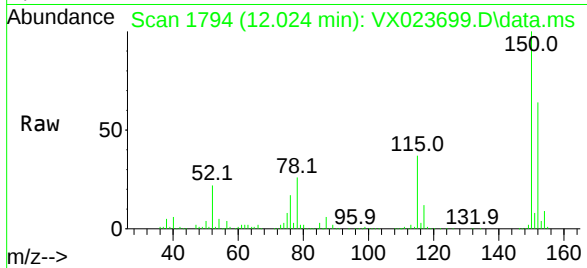




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023699.D
 Acq: 13 Aug 2021 18:34

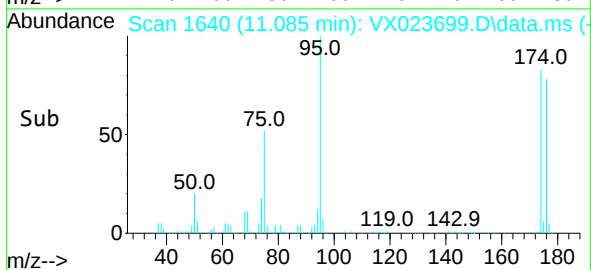
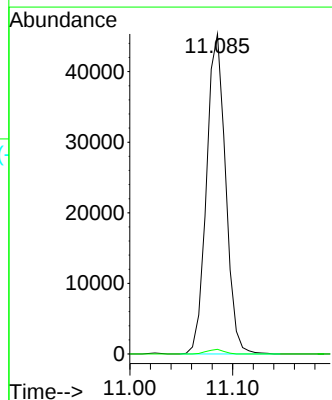
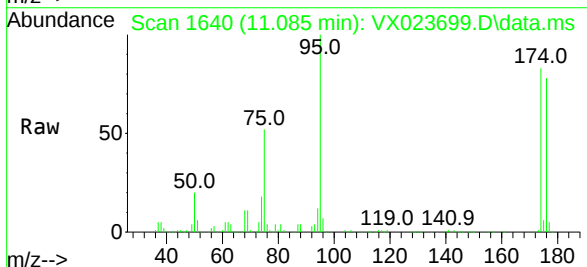
Instrument :
 MSVOA_X
 ClientSampled :

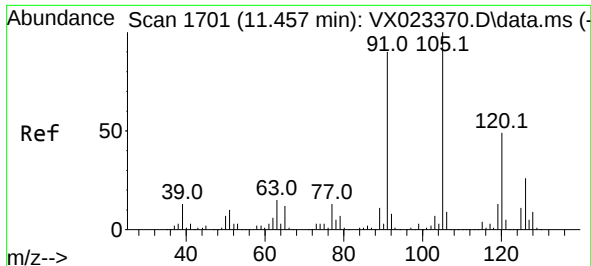
Tgt Ion:152 Resp: 99279
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 159.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.749 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023699.D
 Acq: 13 Aug 2021 18:34

Tgt Ion: 75 Resp: 58438
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

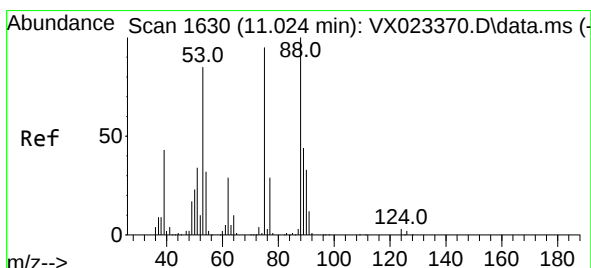
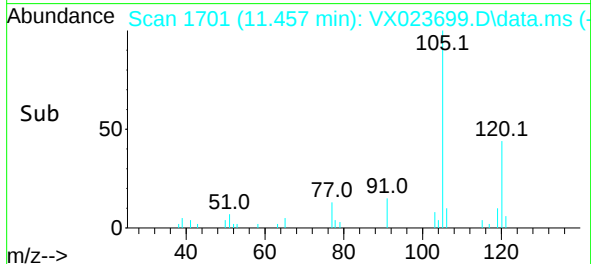
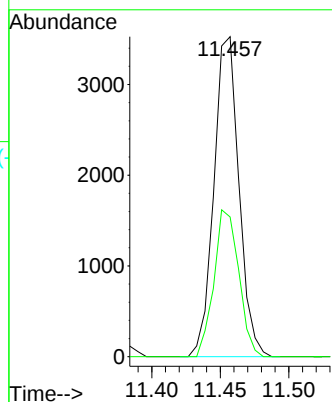
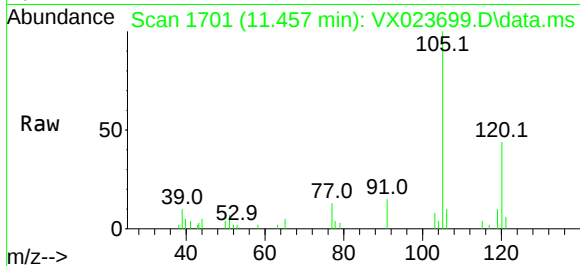




#80
1,3,5-Trimethylbenzene
Concen: 0.733 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 4473
Ion Ratio Lower Upper
105 100
120 45.4 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 71.924 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023699.D
Acq: 13 Aug 2021 18:34

Tgt Ion: 75 Resp: 58438
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

