

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022800.D
 Acq On : 21 Jun 2021 17:23
 Operator : JC/MD
 Sample : M2783-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 01:14:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

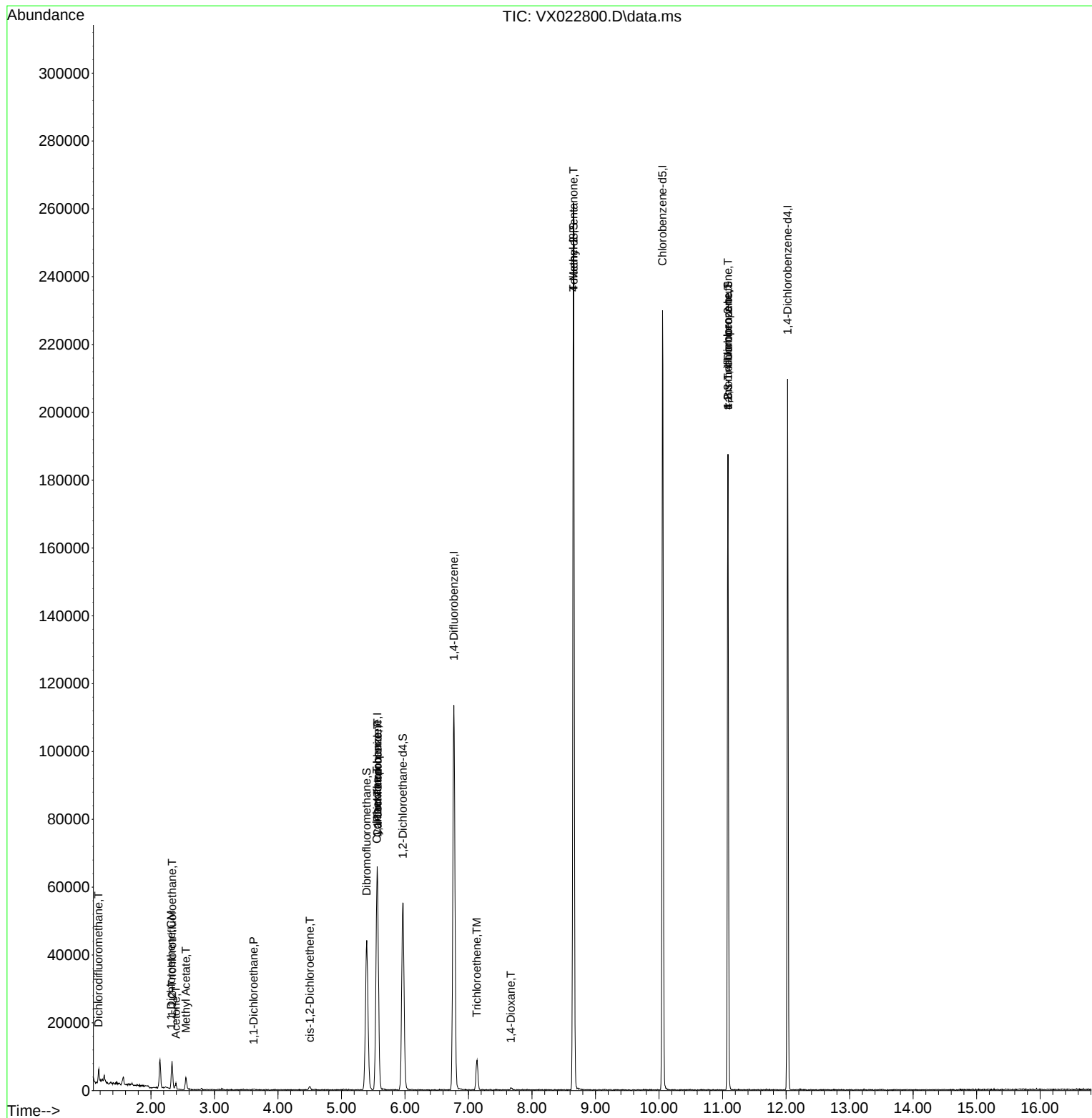
Internal Standards						
1) Pentafluorobenzene	5.562	168	53404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	108674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51160	53.266	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.540%
35) Dibromofluoromethane	5.397	113	37134	53.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.120%
50) Toluene-d8	8.653	98	145130	53.097	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.200%
62) 4-Bromofluorobenzene	11.085	95	48763	47.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	1404	2.240	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	3104	4.748	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	229	0.353	ug/l #	88
16) Acetone	2.392	43	1424	3.311	ug/l	95
18) Methyl Acetate	2.550	43	1077	0.832	ug/l #	47
20) Methylene Chloride	2.800	84	131	Below Cal	#	70
24) 1,1-Dichloroethane	3.617	63	497	0.345	ug/l #	81
27) cis-1,2-Dichloroethene	4.501	96	600	0.685	ug/l	79
31) Cyclohexane	5.556	56	967	0.835	ug/l #	25
36) 1,1-Dichloropropene	5.568	75	5456	5.039	ug/l #	48
38) Carbon Tetrachloride	5.568	117	6501	7.019	ug/l #	15
44) Trichloroethene	7.129	130	3013	3.984	ug/l	78
49) 1,4-Dioxane	7.665	88	497	25.027	ug/l #	81
51) 4-Methyl-2-Pentanone	8.653	43	754	0.547	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	26630	27.865	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	26630	69.474	ug/l #	12

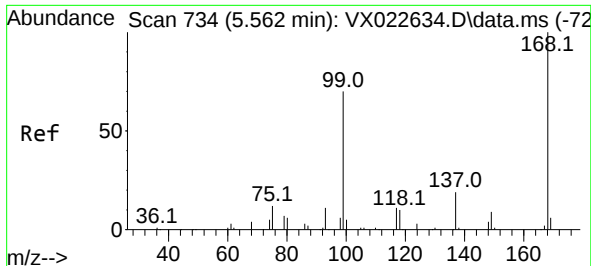
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

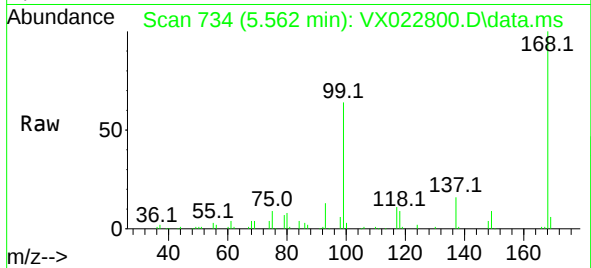
Quant Time: Jun 22 01:14:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



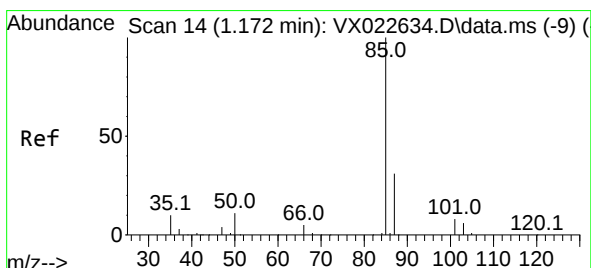
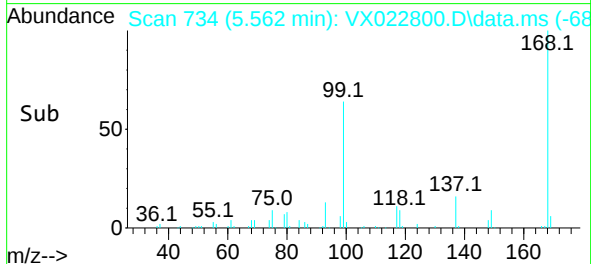
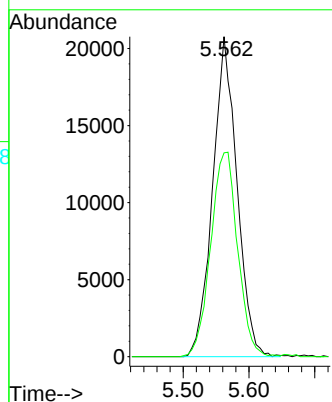


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

Instrument :
MSVOA_X
ClientSampleId :

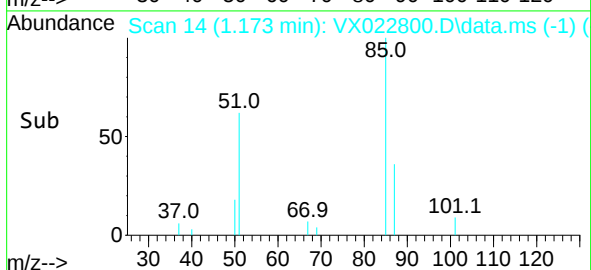
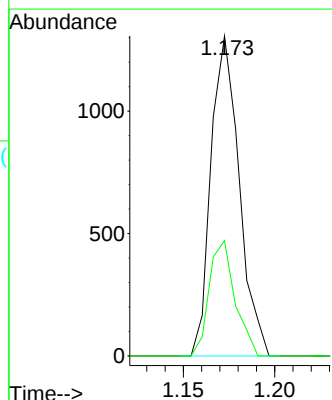
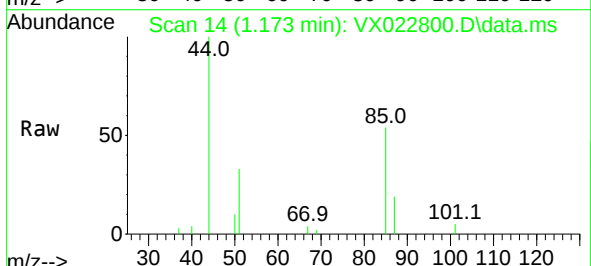


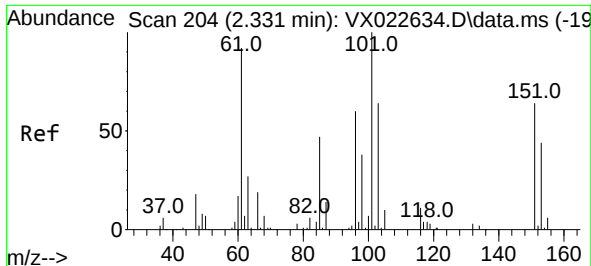
Tgt Ion:168 Resp: 53404
Ion Ratio Lower Upper
168 100
99 63.7 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 2.240 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

Tgt Ion: 85 Resp: 1404
Ion Ratio Lower Upper
85 100
87 36.0 16.4 49.2

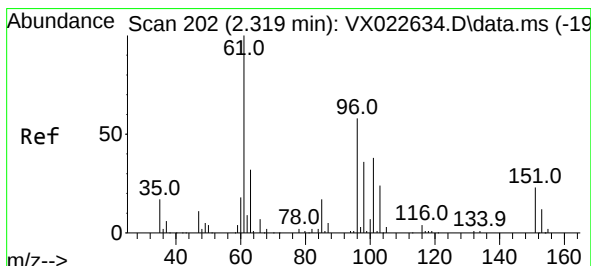
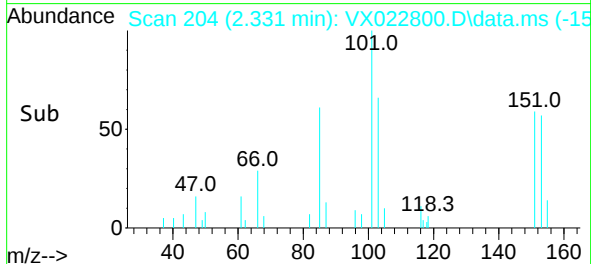
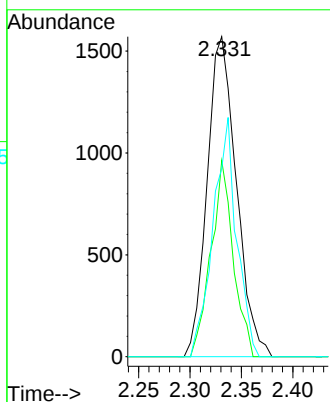
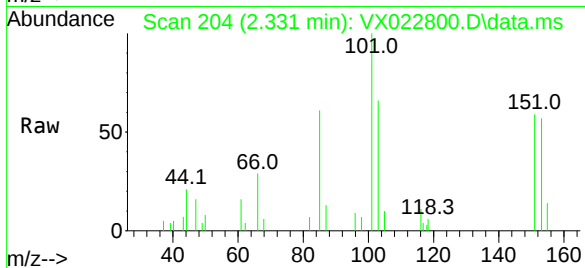




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.748 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

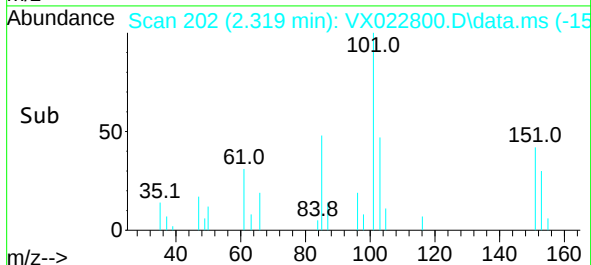
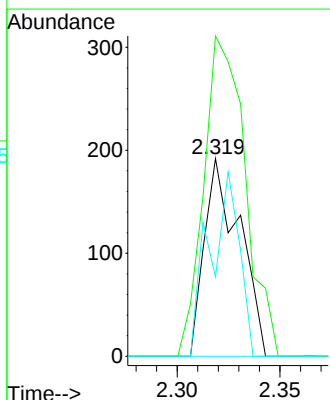
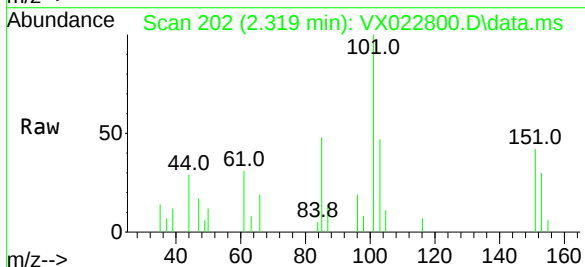
Instrument :
MSVOA_X
ClientSampled :

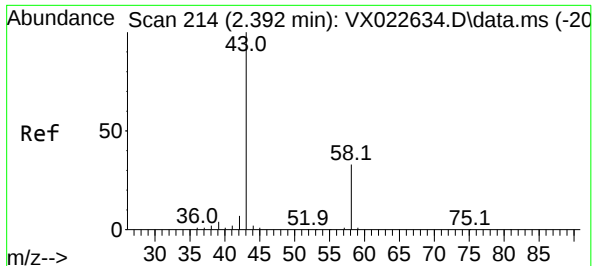
Tgt Ion:101 Resp: 3104
Ion Ratio Lower Upper
101 100
85 46.9 34.9 52.3
151 60.3 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 0.353 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

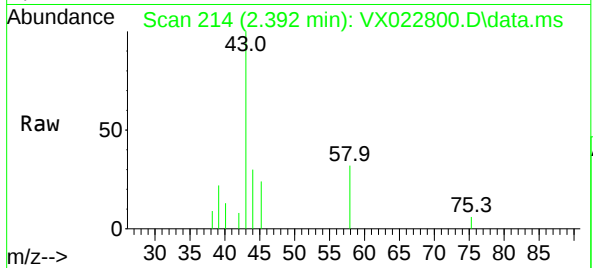
Tgt Ion: 96 Resp: 229
Ion Ratio Lower Upper
96 100
61 162.0 124.6 187.0
98 40.1 50.6 76.0#



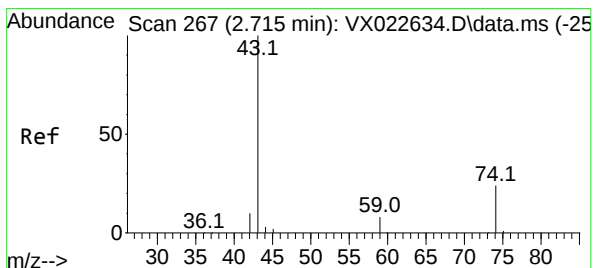
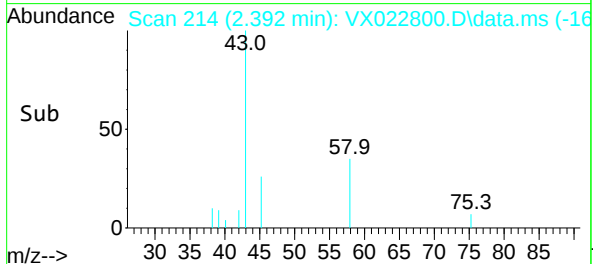
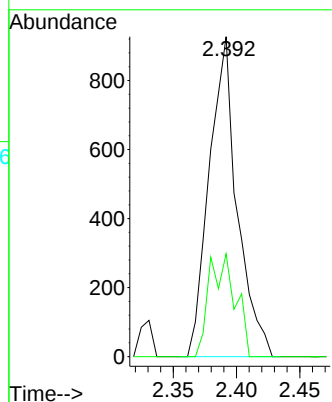


#16
Acetone
Concen: 3.311 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

Instrument :
MSVOA_X
ClientSampled :

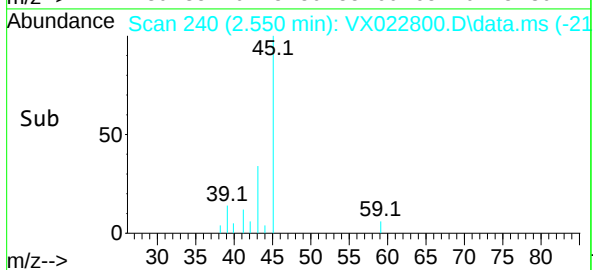
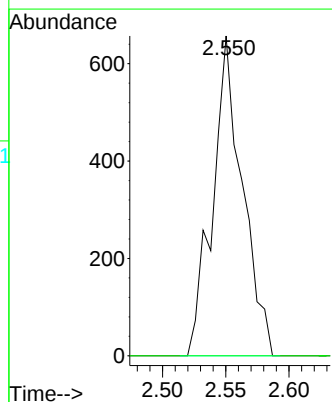
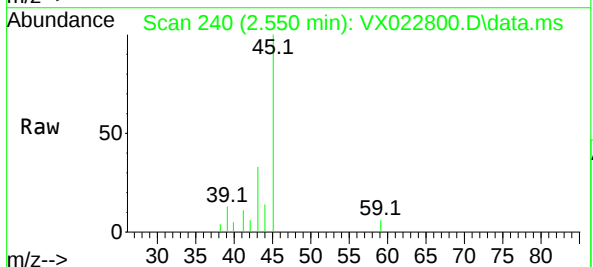


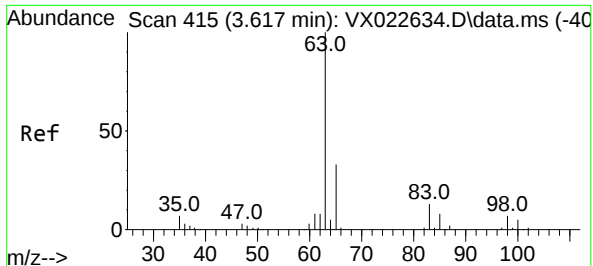
Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 32.1 27.8 41.8



#18
Methyl Acetate
Concen: 0.832 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

Tgt Ion: 43 Resp: 1077
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

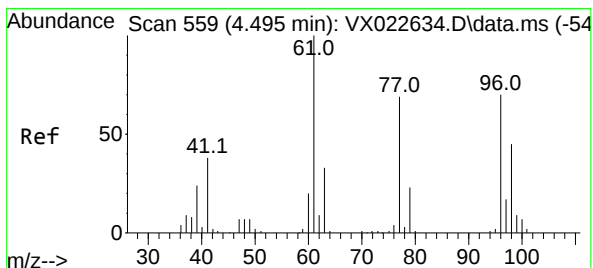
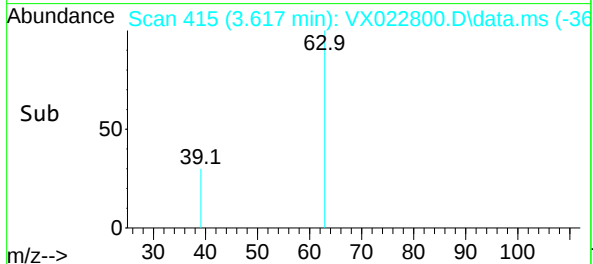
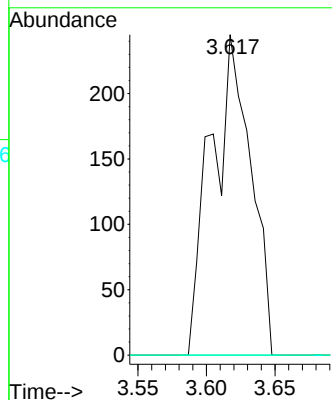
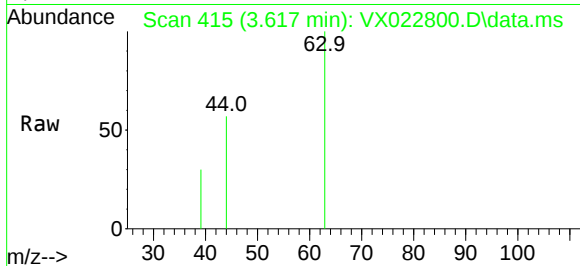




#24
1,1-Dichloroethane
Concen: 0.345 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

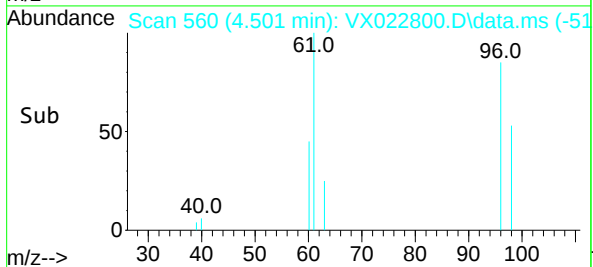
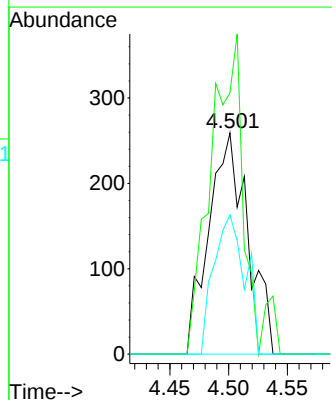
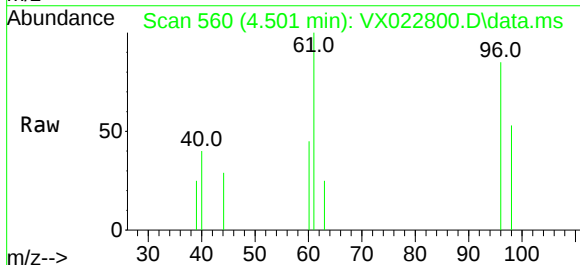
Instrument :
MSVOA_X
ClientSampled :

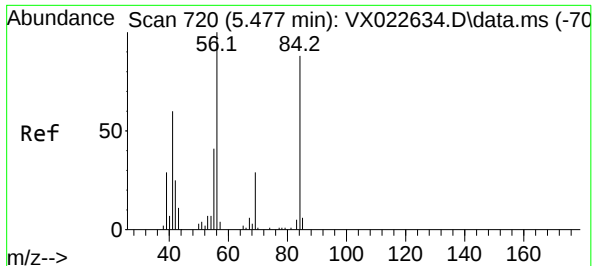
Tgt Ion: 63 Resp: 497
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 0.685 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

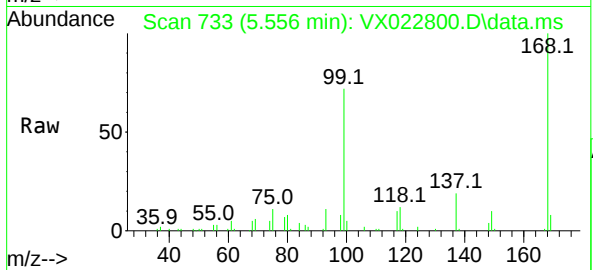
Tgt Ion: 96 Resp: 600
Ion Ratio Lower Upper
96 100
61 116.0 0.0 285.6
98 50.7 0.0 129.6



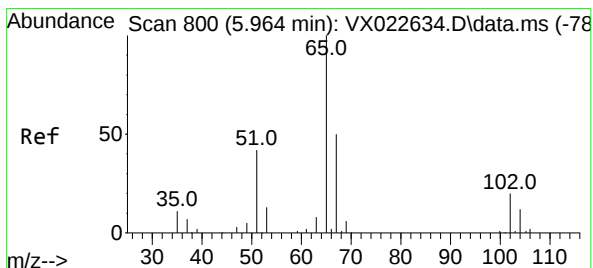
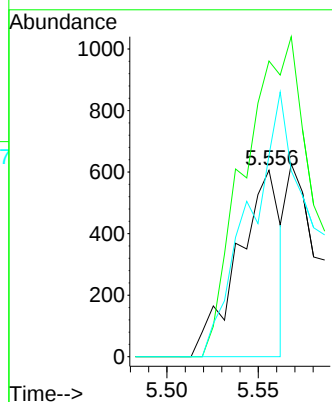
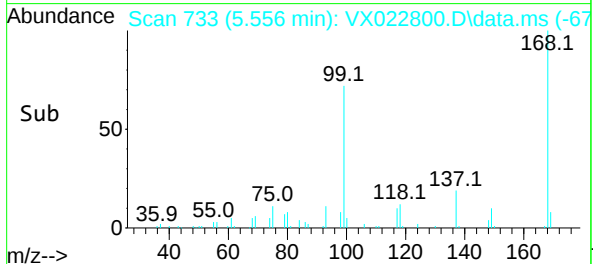


#31
Cyclohexane
Concen: 0.835 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

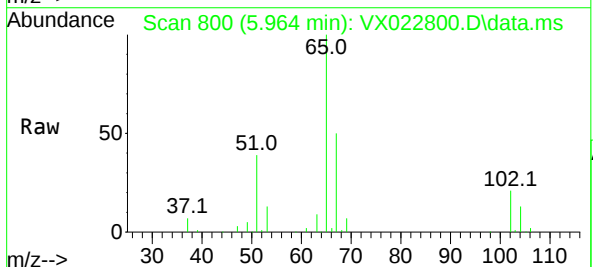
Instrument :
MSVOA_X
ClientSampled :



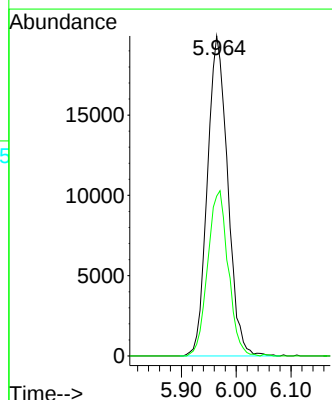
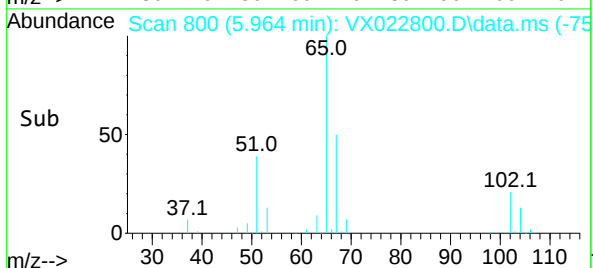
Tgt Ion: 56 Resp: 967
Ion Ratio Lower Upper
56 100
69 158.6 25.3 37.9#
84 107.9 71.4 107.0#

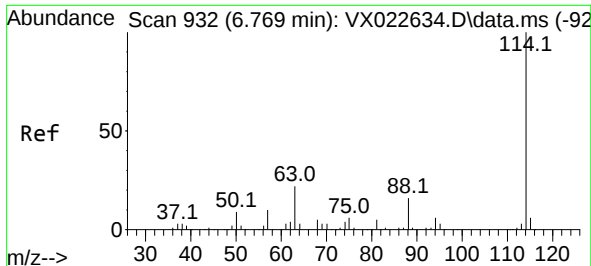


#33
1,2-Dichloroethane-d4
Concen: 53.266 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23



Tgt Ion: 65 Resp: 51160
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

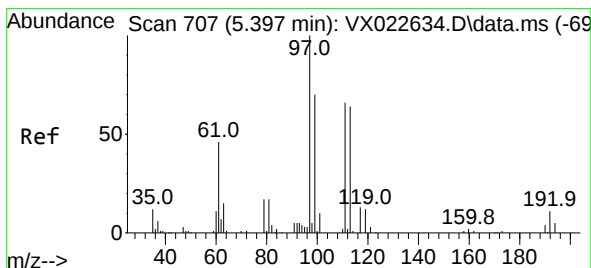
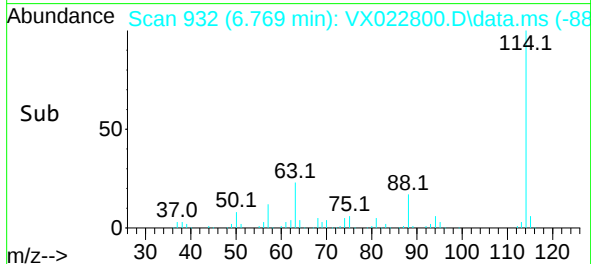
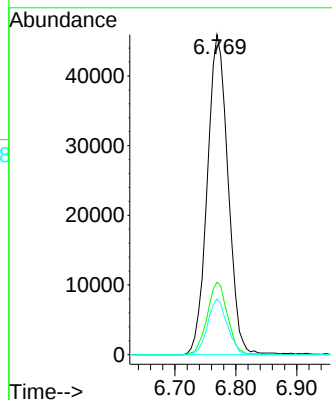
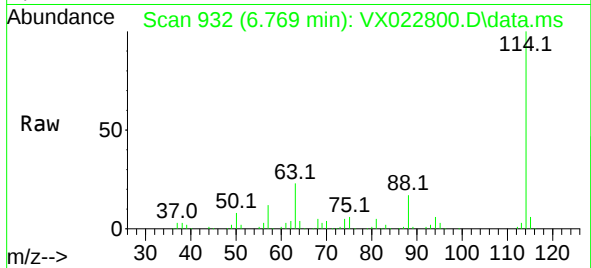




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

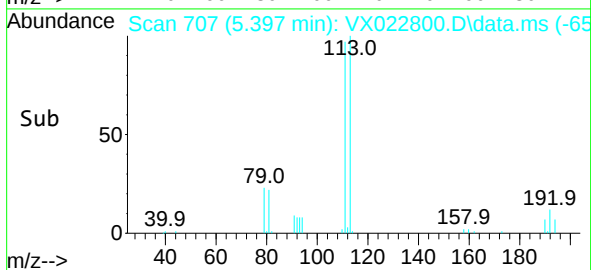
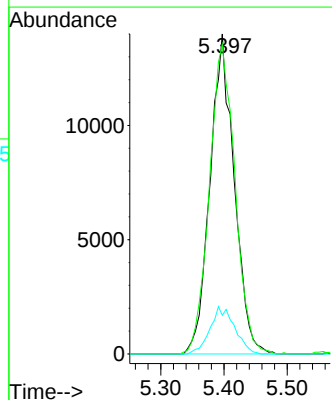
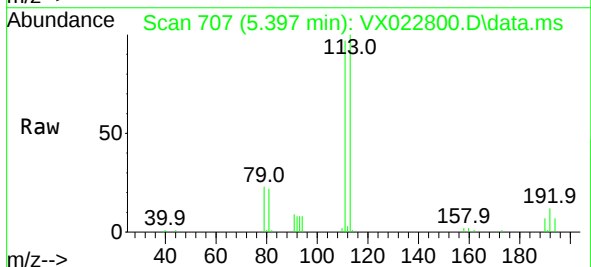
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MSVOA_X
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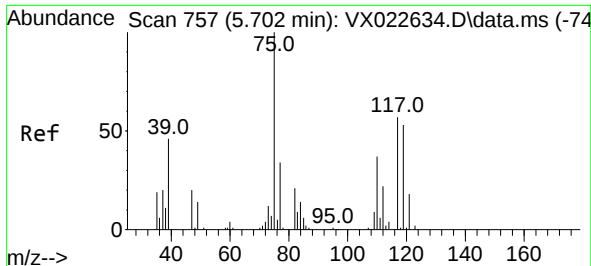
Tgt Ion:114 Resp: 108674
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.556 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

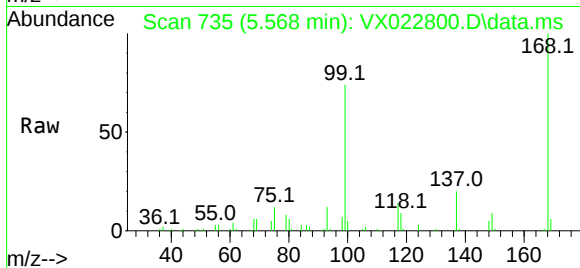
Tgt Ion:113 Resp: 37134
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 15.1 16.7 25.1#



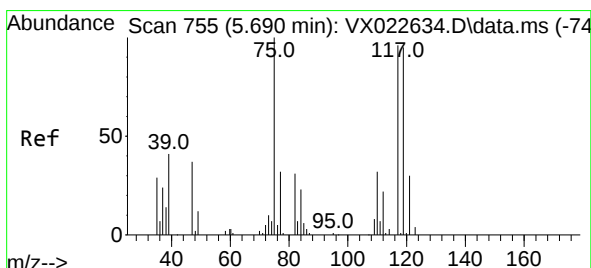
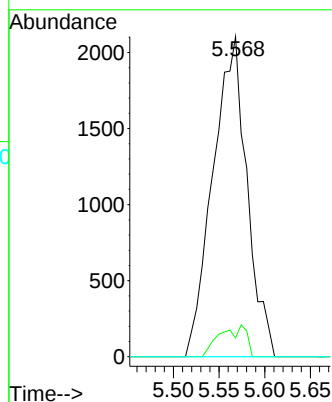
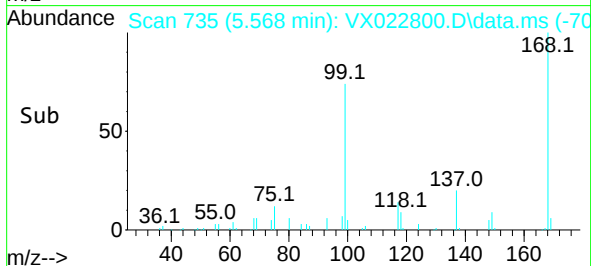


#36
1,1-Dichloropropene
Concen: 5.039 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

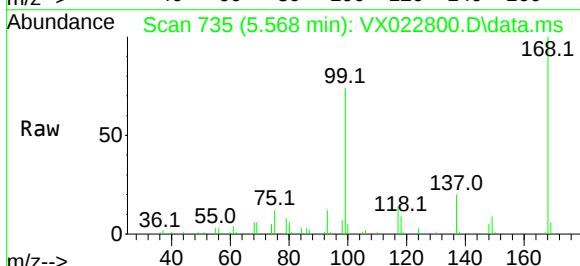
Instrument :
MSVOA_X
ClientSampleId :



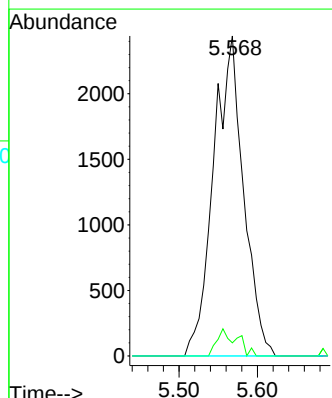
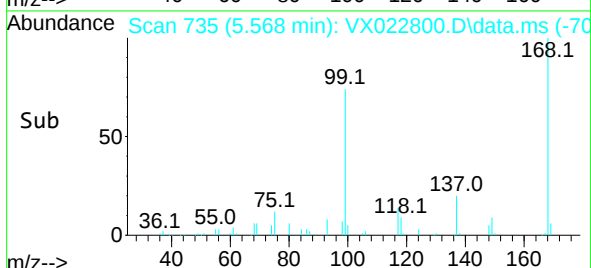
Tgt Ion: 75 Resp: 5456
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#

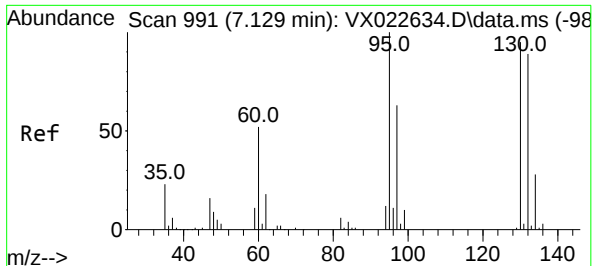


#38
Carbon Tetrachloride
Concen: 7.019 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23



Tgt Ion: 117 Resp: 6501
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#

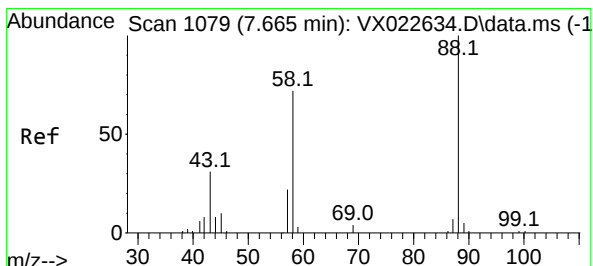
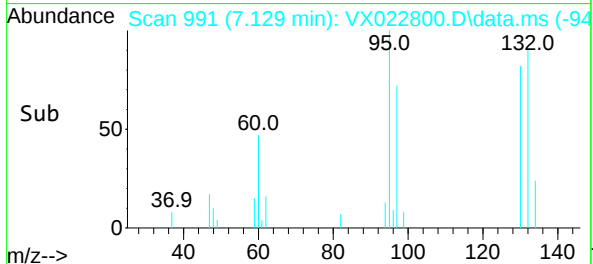
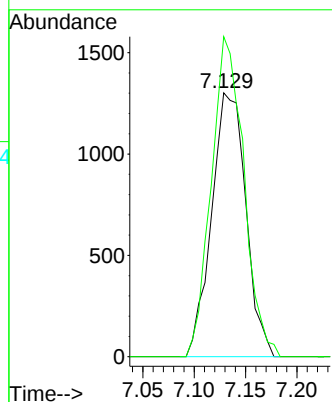
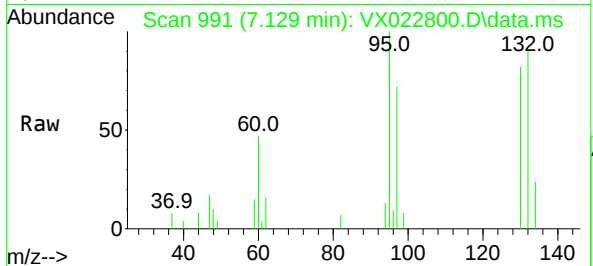




#44
Trichloroethene
Concen: 3.984 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

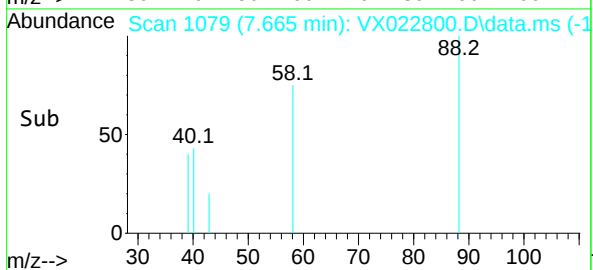
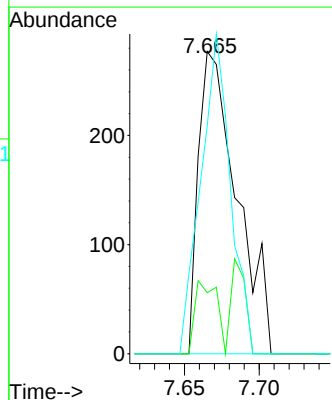
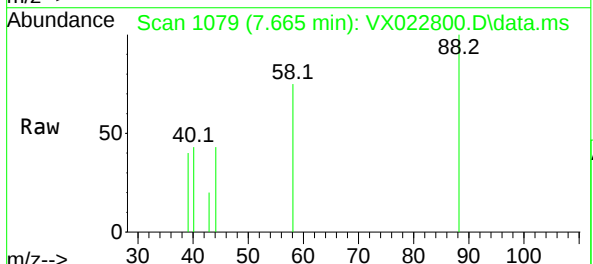
Instrument :
MSVOA_X
ClientSampled :

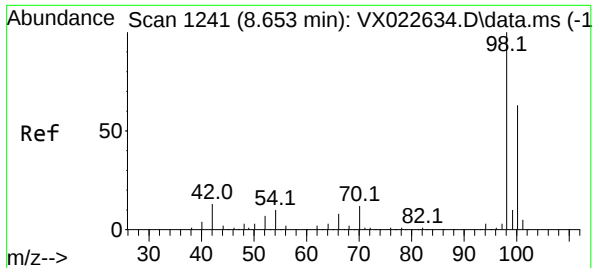
Tgt Ion:130 Resp: 3013
Ion Ratio Lower Upper
130 100
95 121.3 0.0 198.0



#49
1,4-Dioxane
Concen: 25.027 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

Tgt Ion: 88 Resp: 497
Ion Ratio Lower Upper
88 100
43 13.5 23.2 34.8#
58 81.1 55.0 82.4

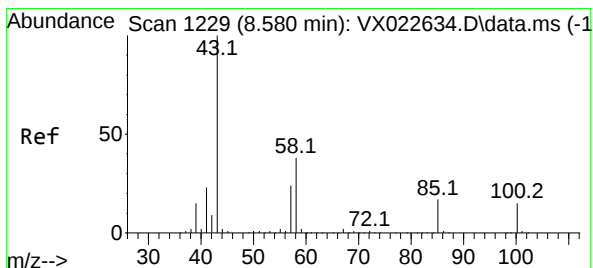
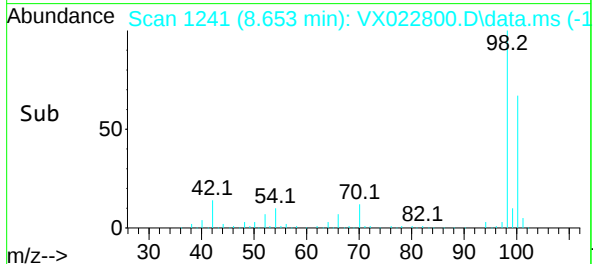
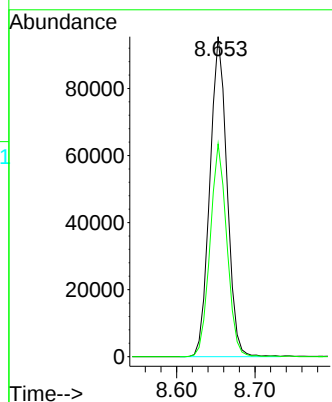
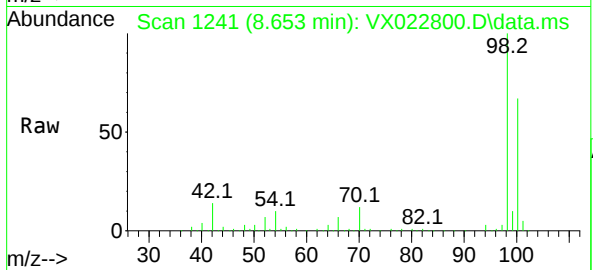




#50
Toluene-d8
Concen: 53.097 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

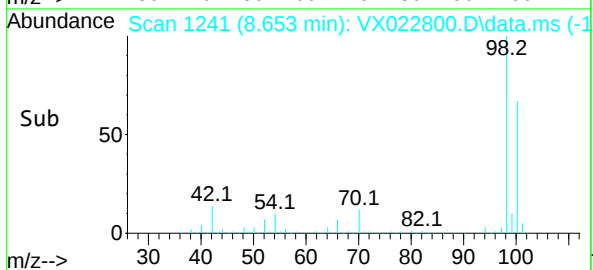
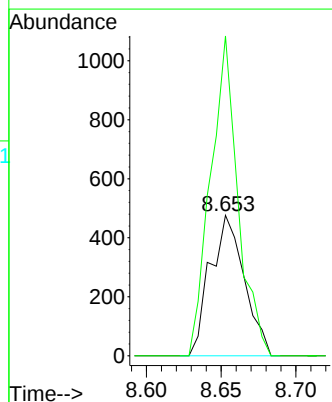
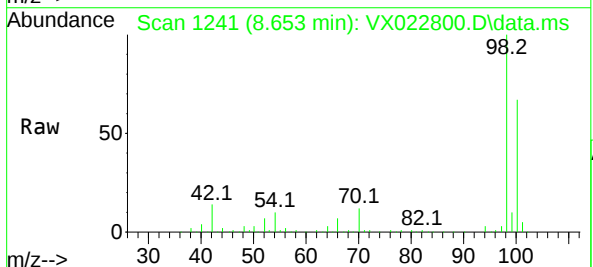
Instrument :
MSVOA_X
ClientSampled :

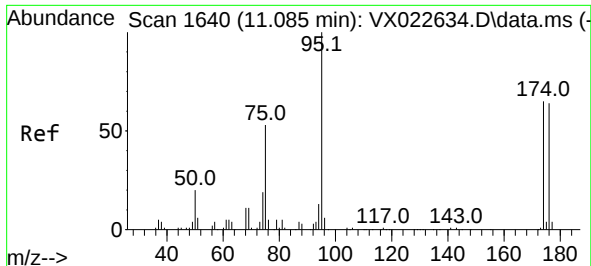
Tgt Ion: 98 Resp: 145130
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
58 183.8 35.4 53.0#

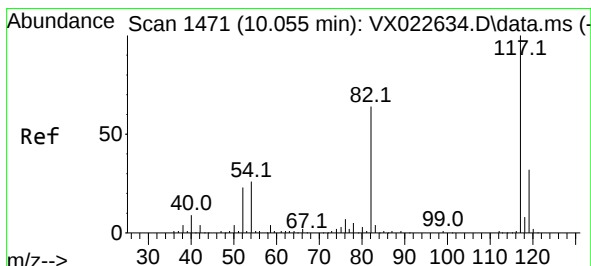
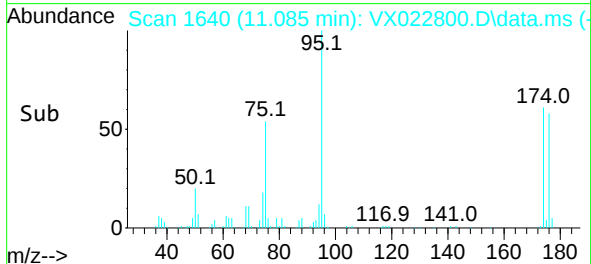
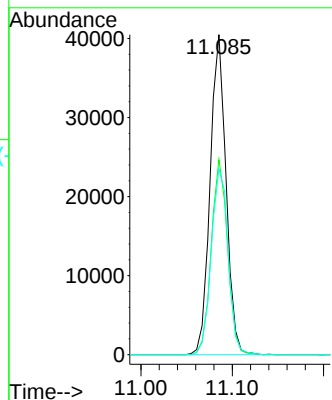
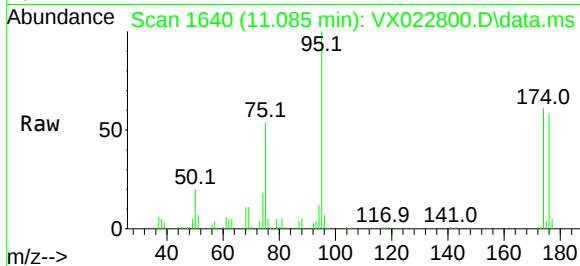




#62
4-Bromofluorobenzene
Concen: 47.172 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

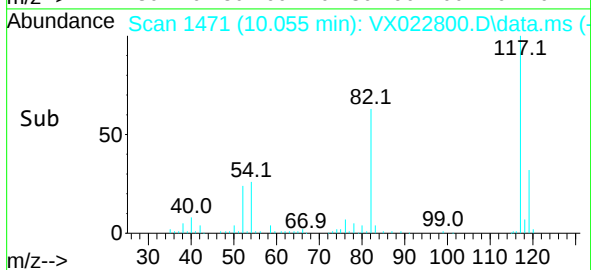
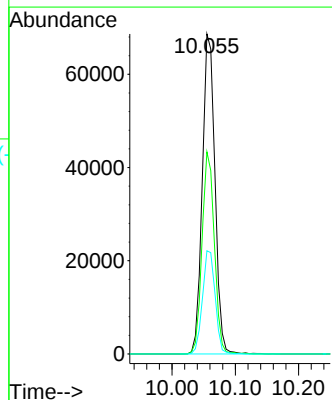
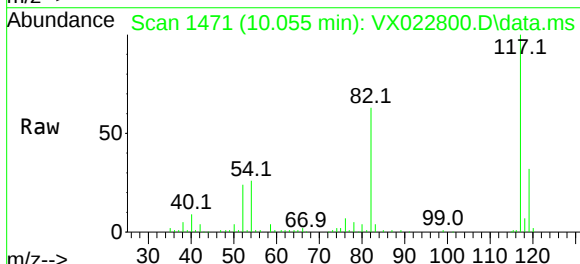
Instrument :
MSVOA_X
ClientSampleId :

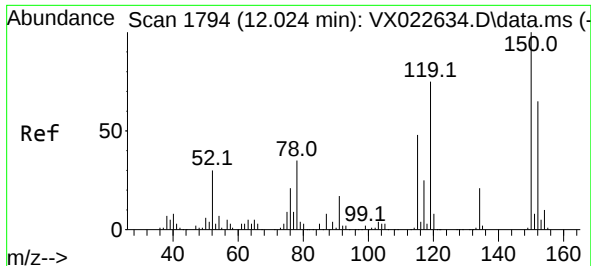
Tgt Ion: 95 Resp: 48763
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 61.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

Tgt Ion: 117 Resp: 95714
Ion Ratio Lower Upper
117 100
82 63.2 47.4 71.2
119 32.2 26.6 39.8

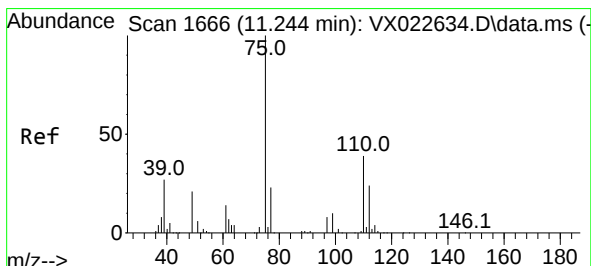
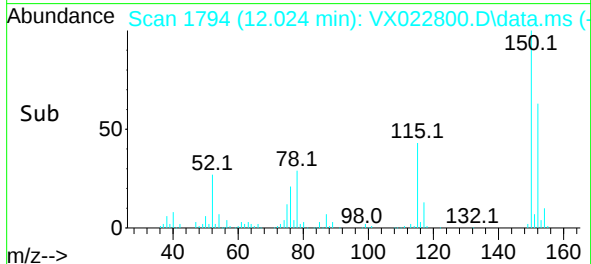
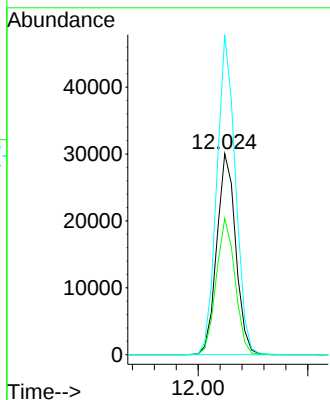
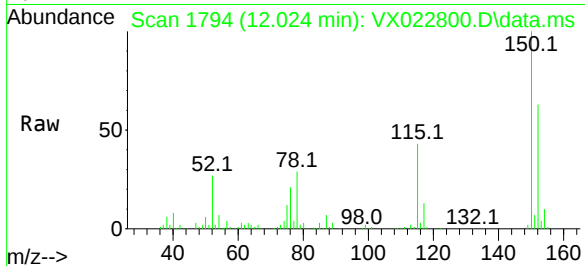




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

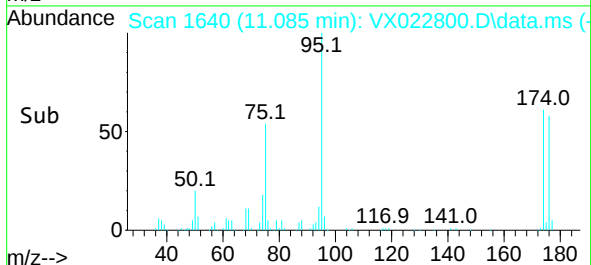
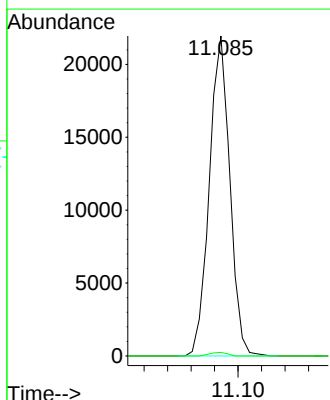
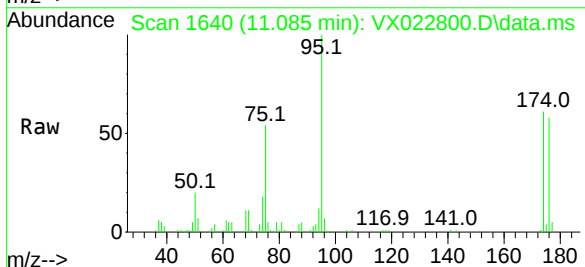
Instrument :
MSVOA_X
ClientSampleId :

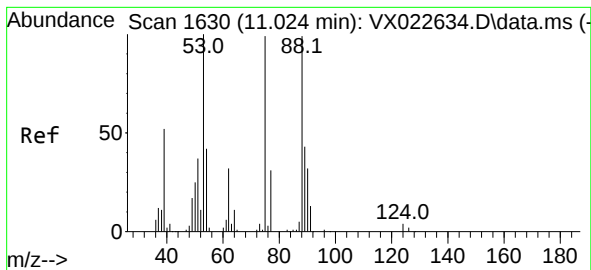
Tgt Ion:152 Resp: 36044
Ion Ratio Lower Upper
152 100
115 67.3 41.1 123.3
150 156.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.865 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022800.D
Acq: 21 Jun 2021 17:23

Tgt Ion: 75 Resp: 26630
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 69.474 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX022800.D

Acq: 21 Jun 2021 17:23

Tgt Ion: 75 Resp: 26630

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

