

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022968.D
 Acq On : 28 Jun 2021 10:23
 Operator : JC/MD
 Sample : VX0628WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBL01

Quant Time: Jun 28 16:19:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

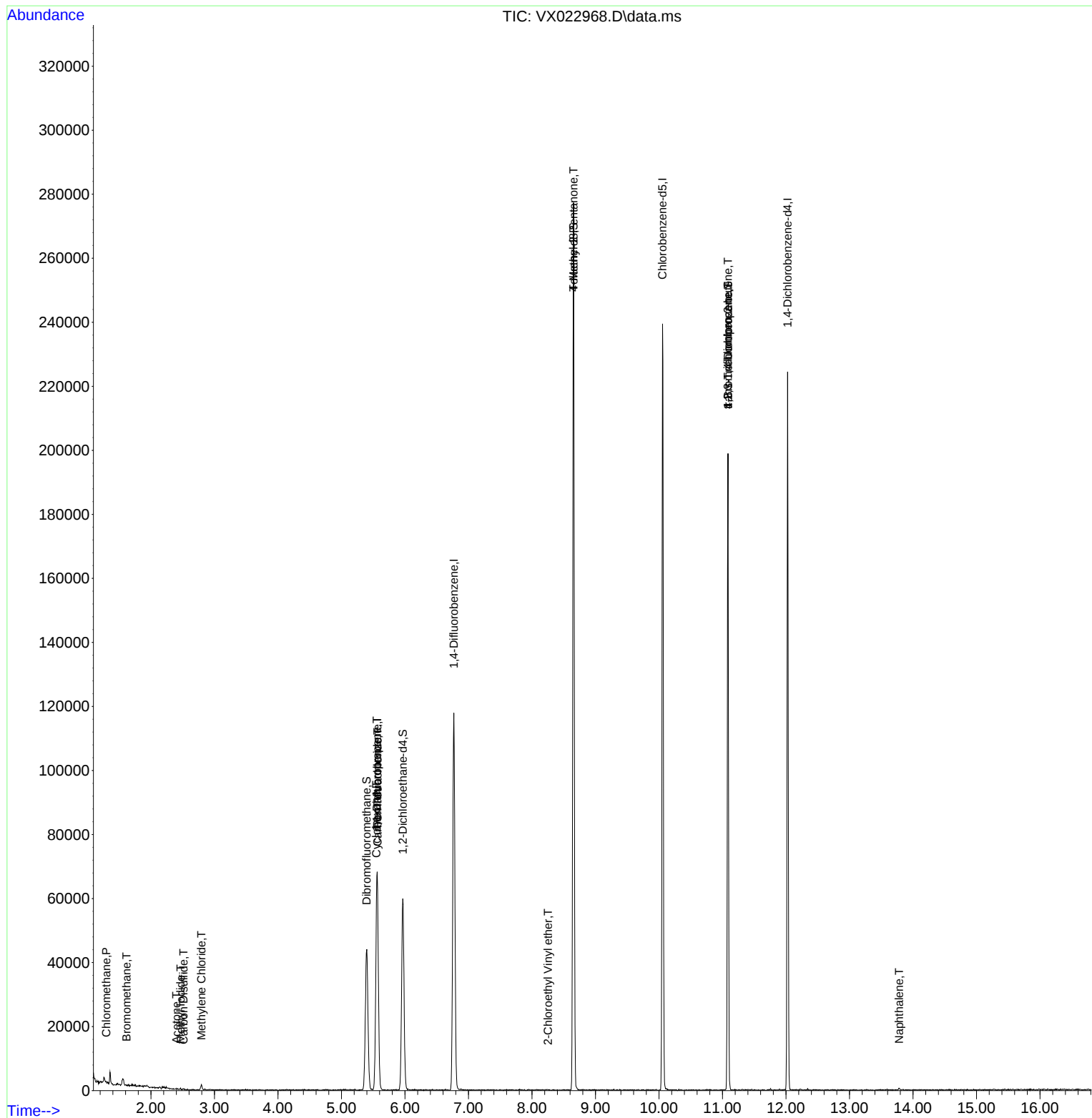
Internal Standards						
1) Pentafluorobenzene	5.562	168	54790	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54086	54.395	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.780%			
35) Dibromofluoromethane	5.397	113	36993	51.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.220%			
50) Toluene-d8	8.653	98	148832	52.985	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.960%			
62) 4-Bromofluorobenzene	11.085	95	51785	49.398	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.800%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	184	0.217	ug/l	# 7
5) Bromomethane	1.618	94	177	0.410	ug/l	# 62
10) Methyl Iodide	2.465	142	270	4.170	ug/l	# 82
16) Acetone	2.398	43	303	0.687	ug/l	# 40
17) Carbon Disulfide	2.514	76	337	3.677	ug/l	# 75
20) Methylene Chloride	2.794	84	609	1.064	ug/l	# 92
31) Cyclohexane	5.550	56	1792	1.277	ug/l	# 62
36) 1,1-Dichloropropene	5.556	75	5884	4.908	ug/l	# 47
38) Carbon Tetrachloride	5.568	117	6740	6.703	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	1022	0.736	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	8.251	63	56	5.281	ug/l	# 45
76) 1,2,3-Trichloropropane	11.085	75	28154	27.630	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28154	71.422	ug/l	# 12
95) Naphthalene	13.780	128	547	2.090	ug/l	# 69

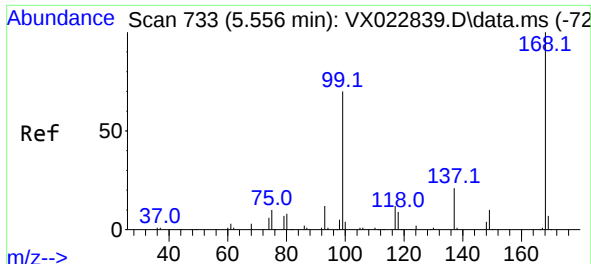
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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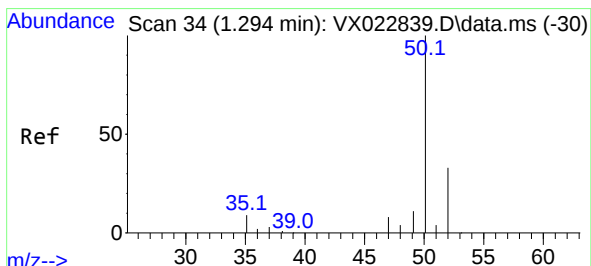
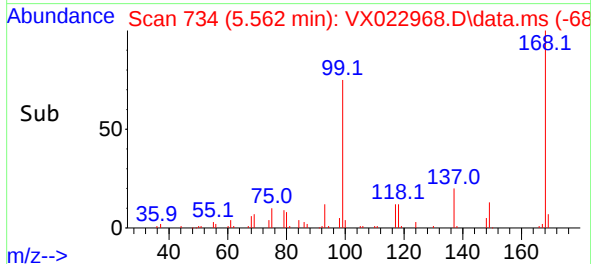
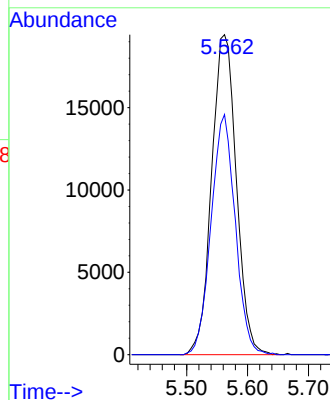
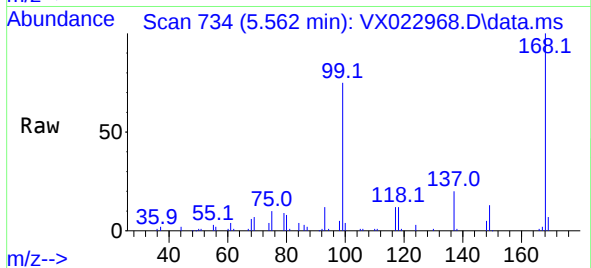




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

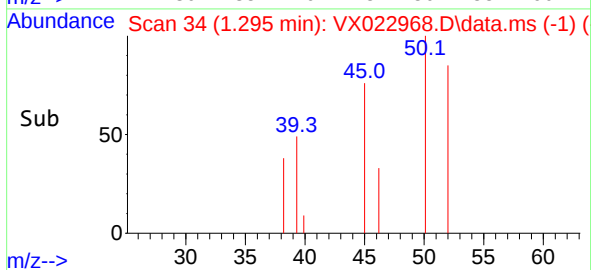
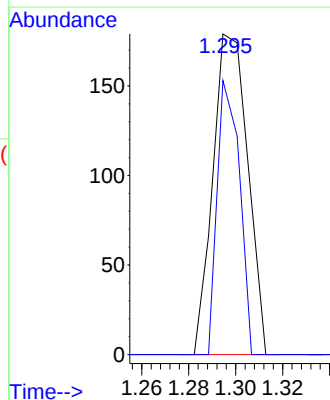
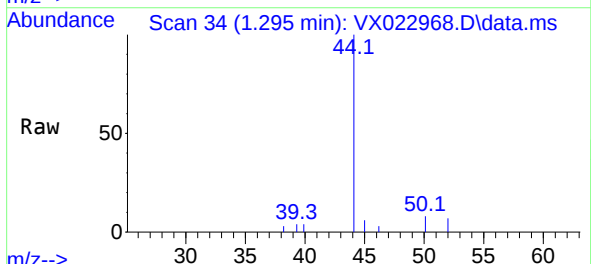
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

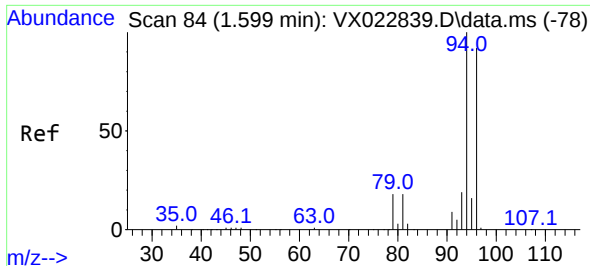
Tgt Ion:168 Resp: 54790
Ion Ratio Lower Upper
168 100
99 75.1 45.8 68.6#



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Tgt Ion: 50 Resp: 184
Ion Ratio Lower Upper
50 100
52 85.5 26.4 39.6#

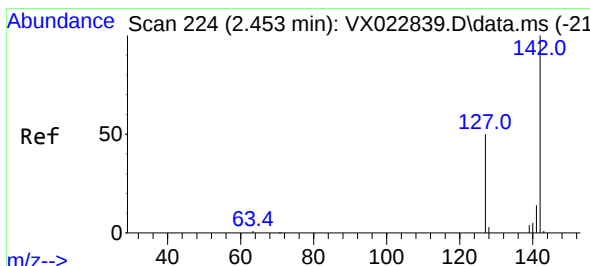
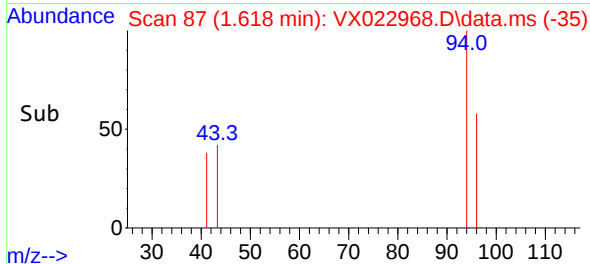
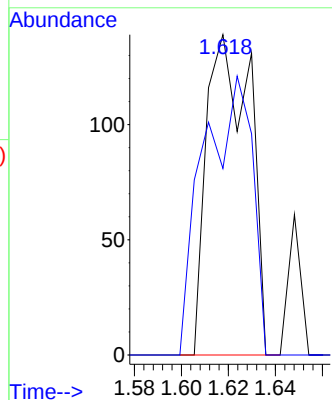
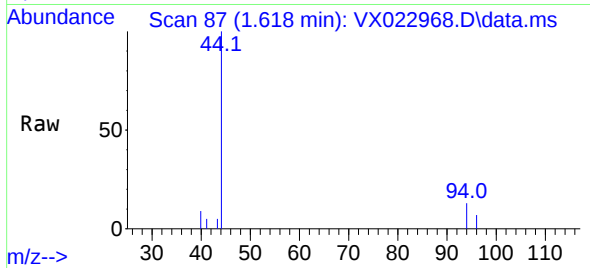




#5
Bromomethane
Concen: 0.410 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

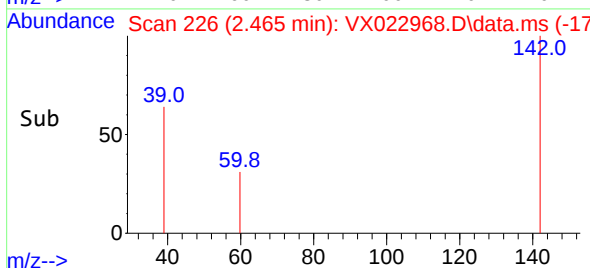
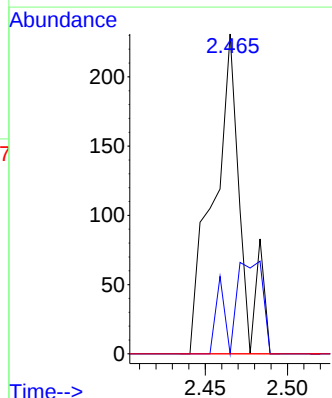
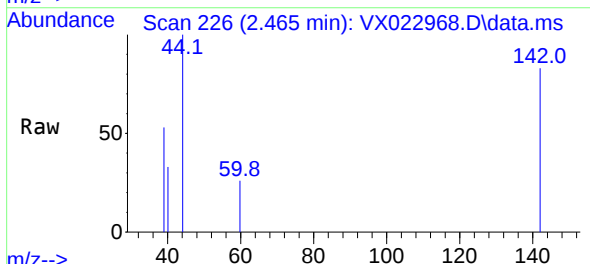
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

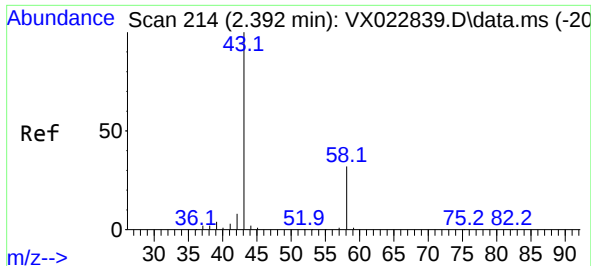
Tgt Ion: 94 Resp: 177
Ion Ratio Lower Upper
94 100
96 58.3 76.4 114.6#



#10
Methyl Iodide
Concen: 4.170 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Tgt Ion: 142 Resp: 270
Ion Ratio Lower Upper
142 100
127 34.1 33.3 49.9
141 0.0 11.4 17.0#

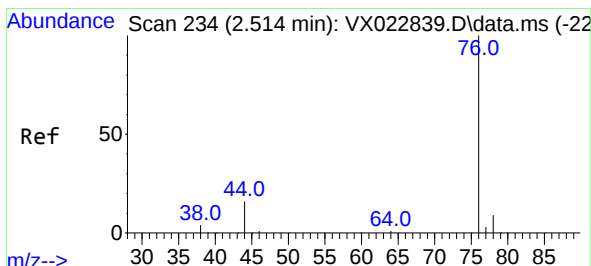
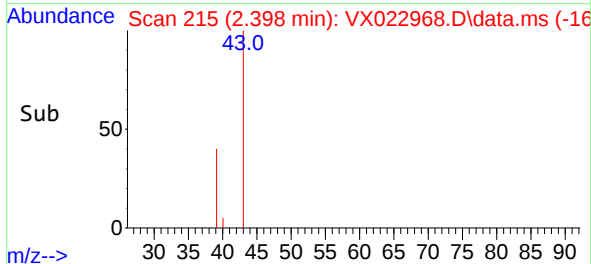
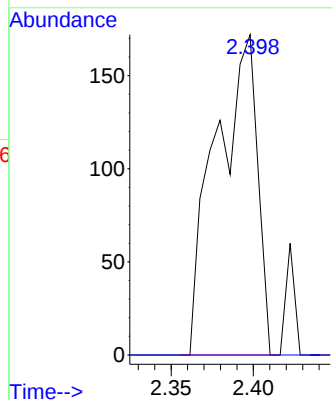
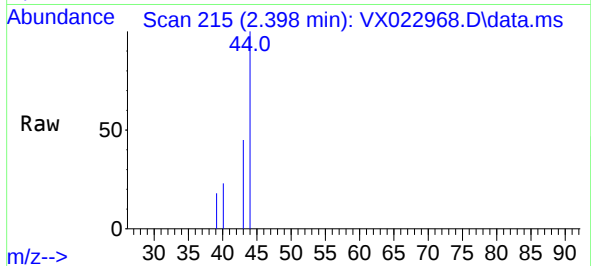




#16
Acetone
Concen: 0.687 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

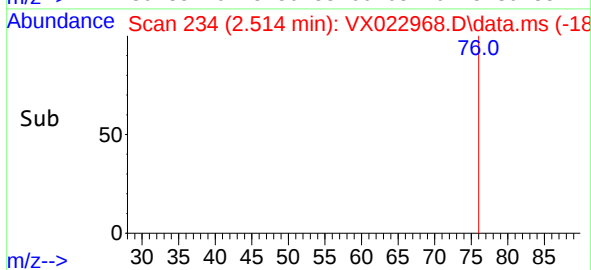
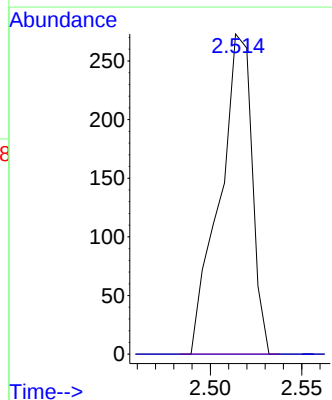
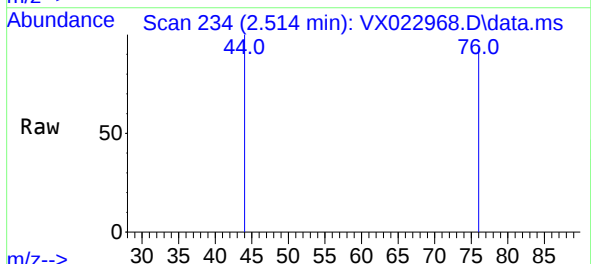
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

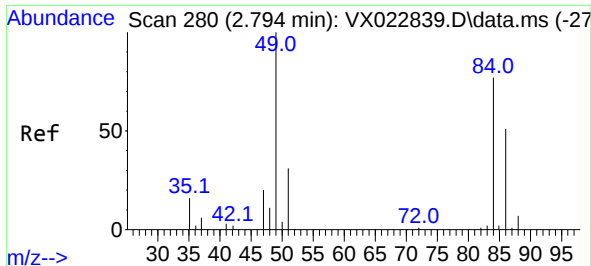
Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.677 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Tgt Ion: 76 Resp: 337
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 1.064 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022968.D

Acq: 28 Jun 2021 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBL01

Tgt Ion: 84 Resp: 609

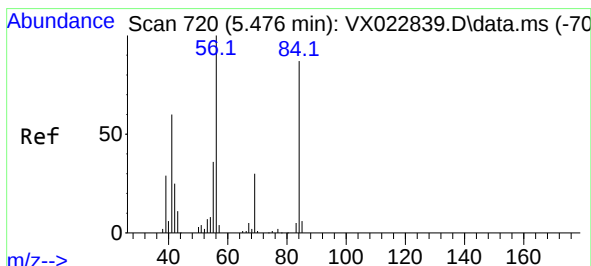
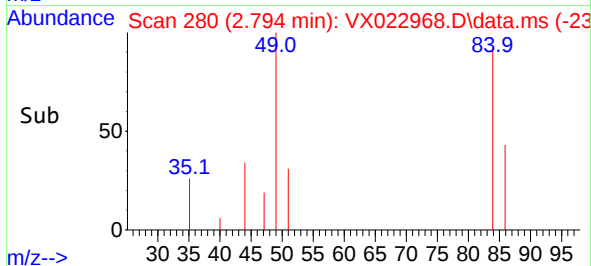
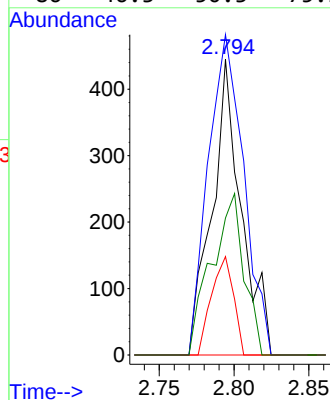
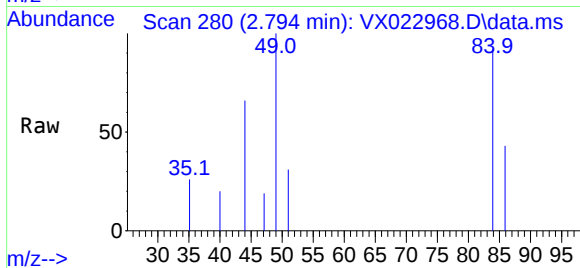
Ion Ratio Lower Upper

84 100

49 108.3 88.6 132.8

51 33.3 27.0 40.6

86 46.3 50.3 75.5#



#31

Cyclohexane

Concen: 1.277 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.074 min

Lab File: VX022968.D

Acq: 28 Jun 2021 10:23

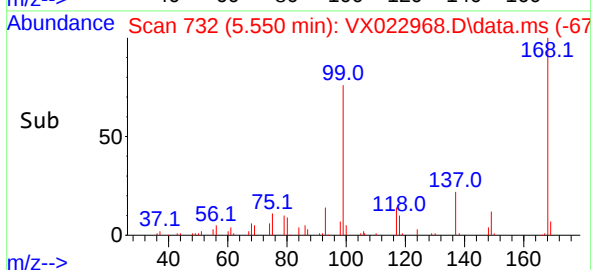
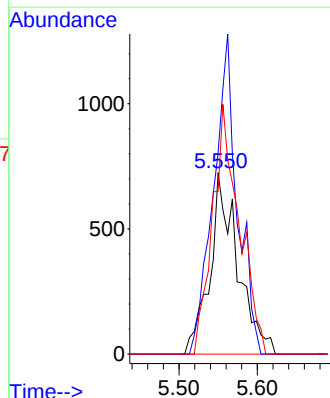
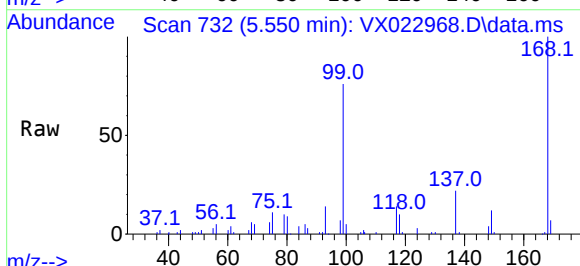
Tgt Ion: 56 Resp: 1792

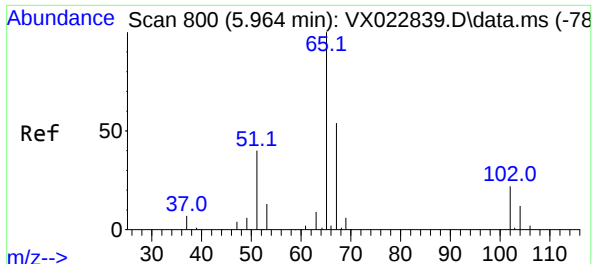
Ion Ratio Lower Upper

56 100

69 111.0 25.3 37.9#

84 89.7 71.4 107.0



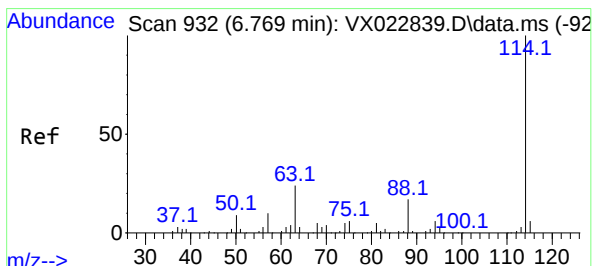
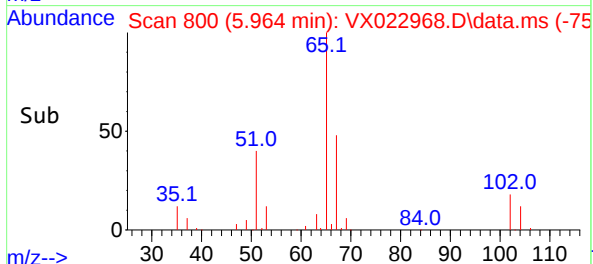
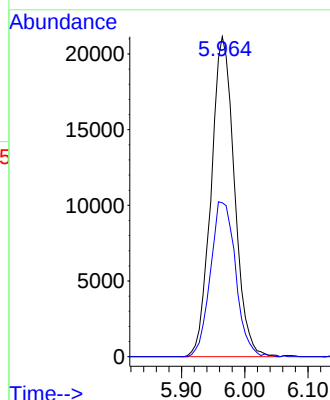
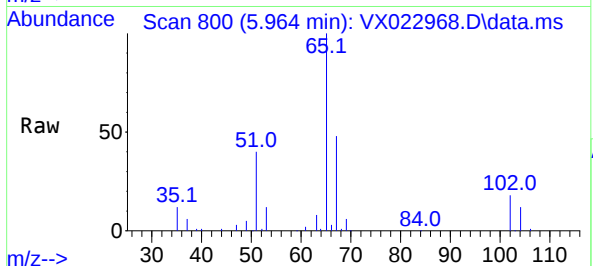


#33

1,2-Dichloroethane-d4
Concen: 54.395 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Instrument :
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VX0628WBL01

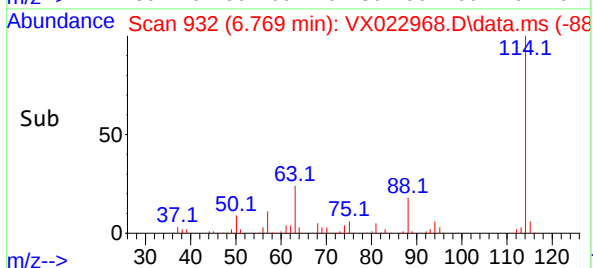
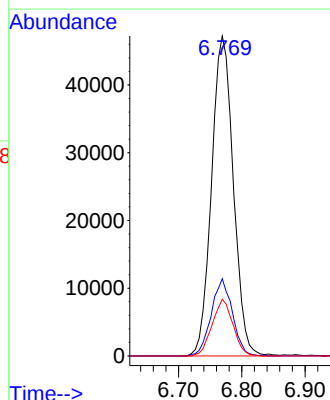
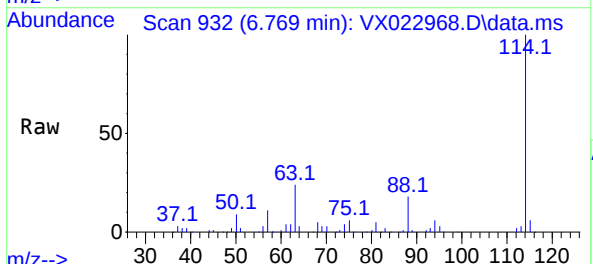
Tgt Ion: 65 Resp: 54086
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

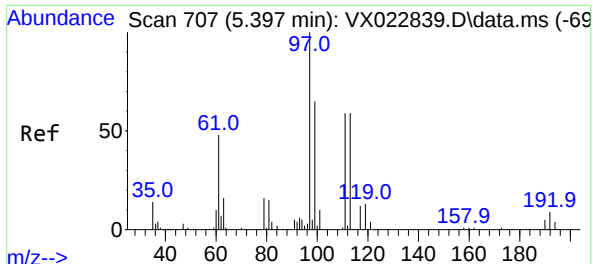


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Tgt Ion: 114 Resp: 112865
Ion Ratio Lower Upper
114 100
63 24.2 0.0 40.8
88 17.7 0.0 32.8

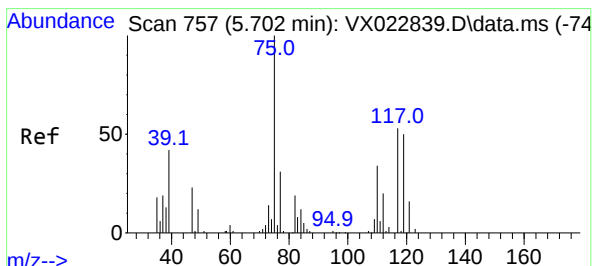
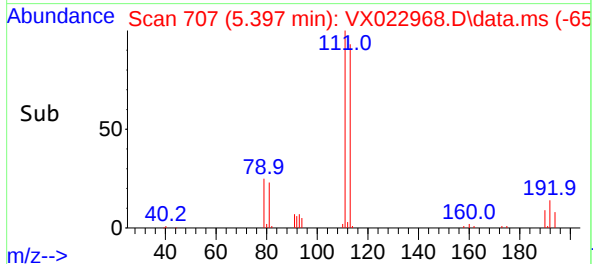
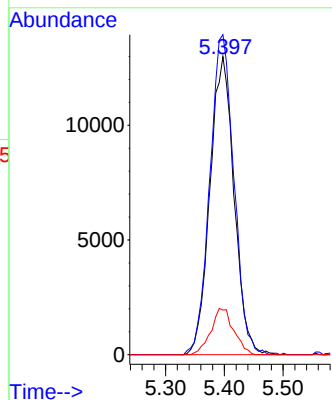
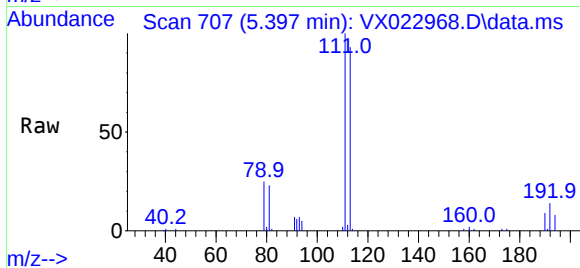




#35
Dibromofluoromethane
Concen: 51.614 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

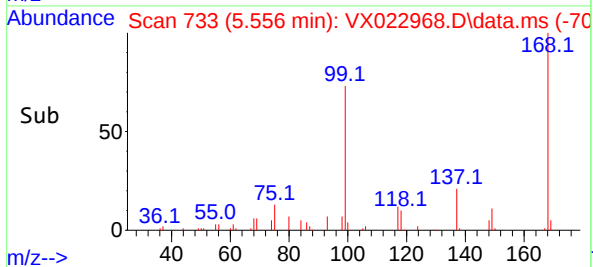
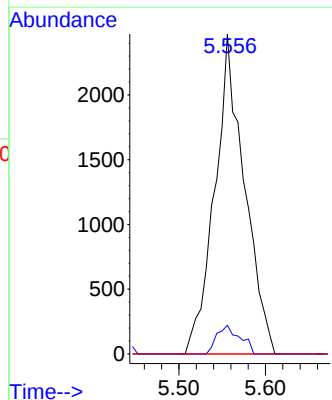
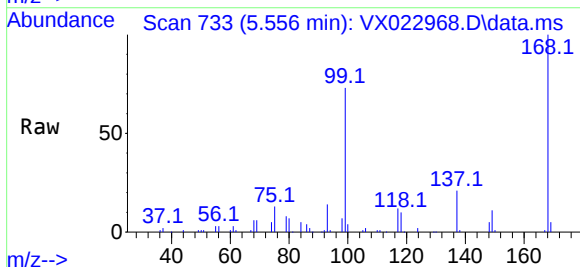
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

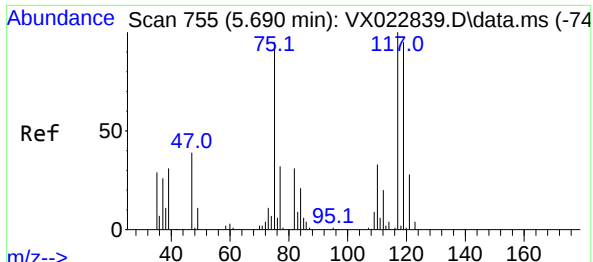
Tgt Ion:113 Resp: 36993
Ion Ratio Lower Upper
113 100
111 107.4 81.9 122.9
192 14.7 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

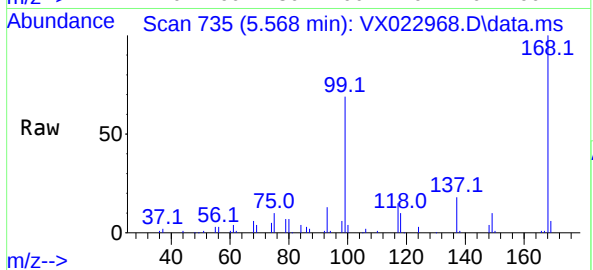
Tgt Ion: 75 Resp: 5884
Ion Ratio Lower Upper
75 100
110 7.0 18.1 54.4#
77 0.0 25.3 37.9#



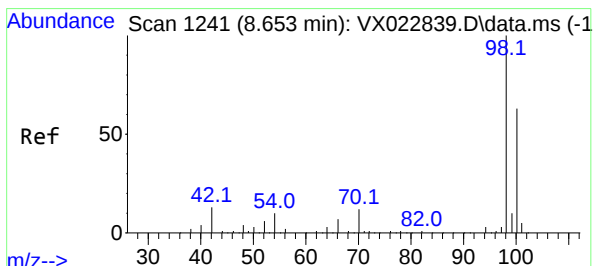
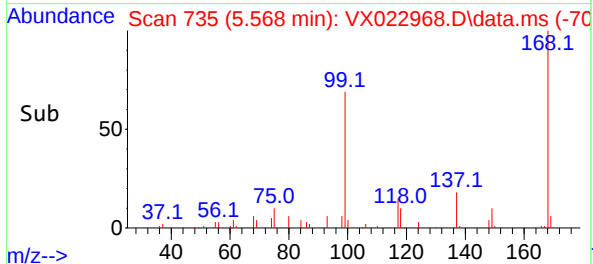
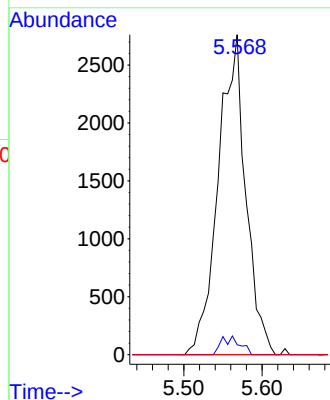


#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

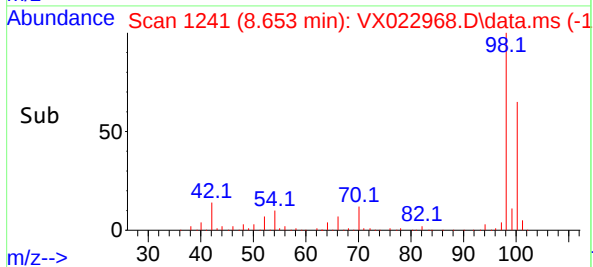
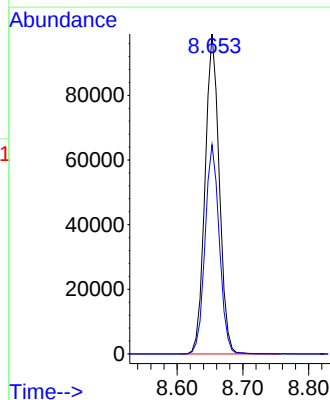
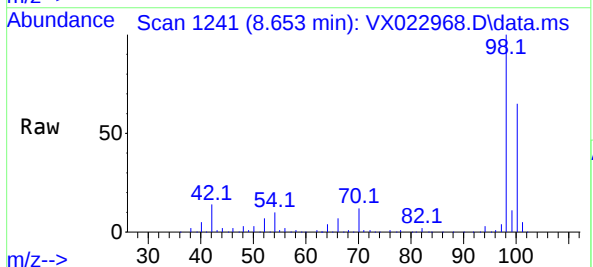


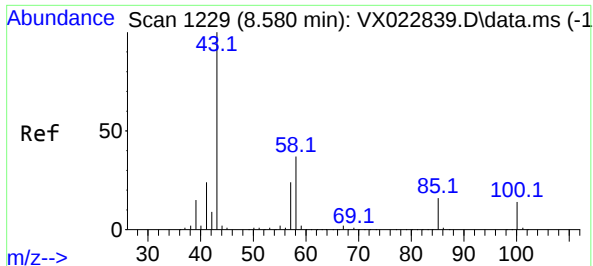
Tgt Ion:117 Resp: 6740
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.985 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Tgt Ion: 98 Resp: 148832
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

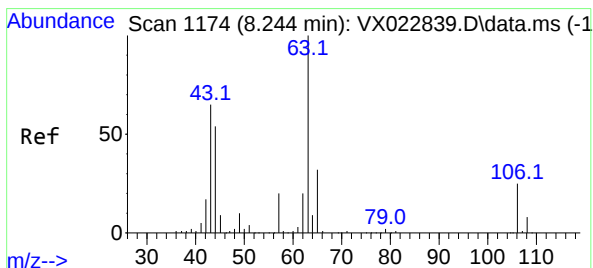
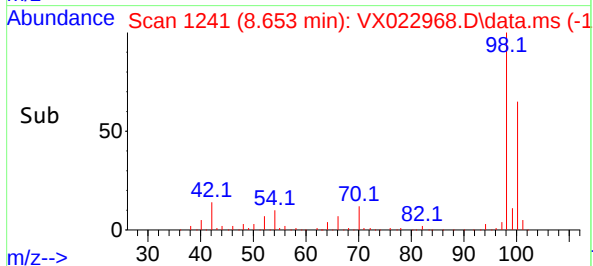
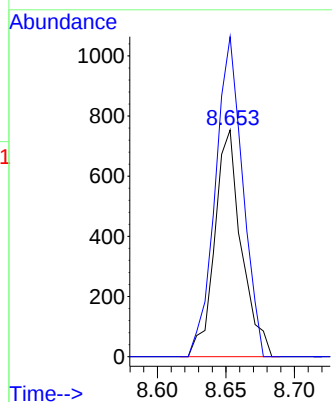
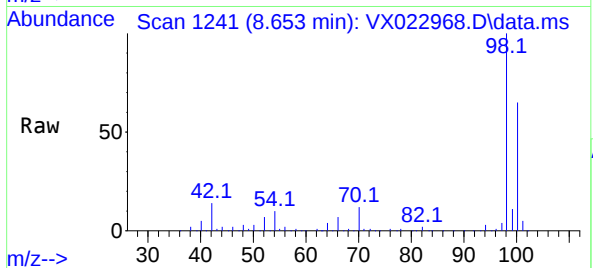




#51
4-Methyl-2-Pentanone
Concen: 0.736 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

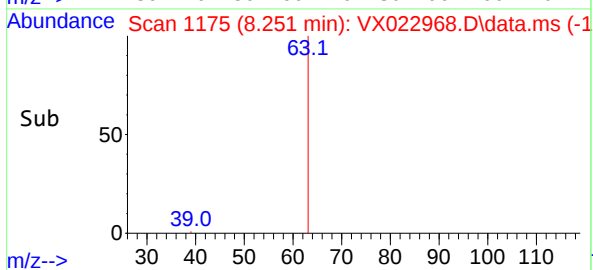
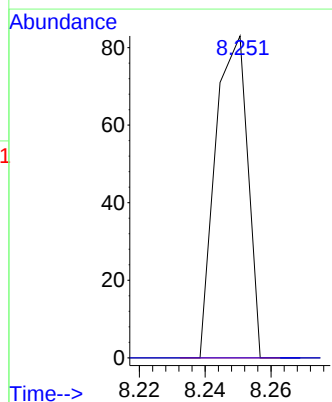
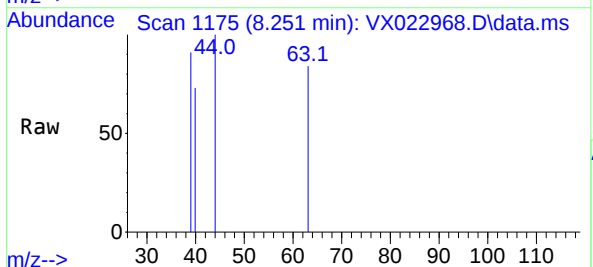
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

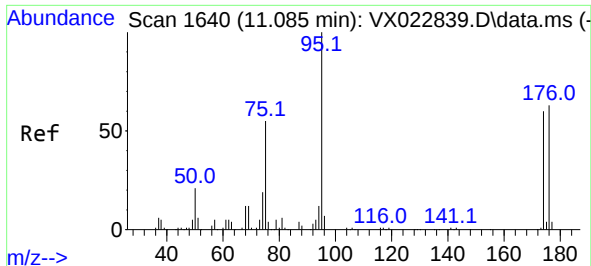
Tgt Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 144.3 35.4 53.0#



#58
2-Chloroethyl Vinyl ether
Concen: 5.281 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Tgt Ion: 63 Resp: 56
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#

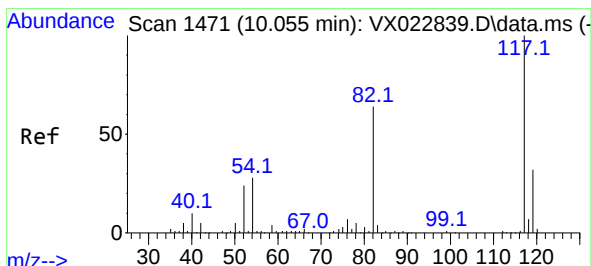
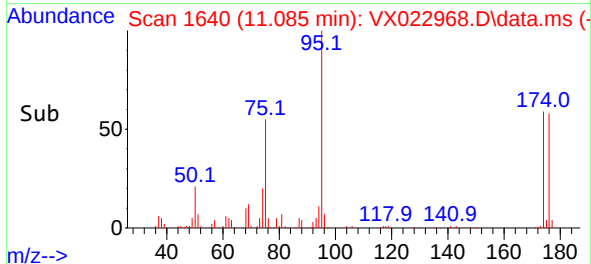
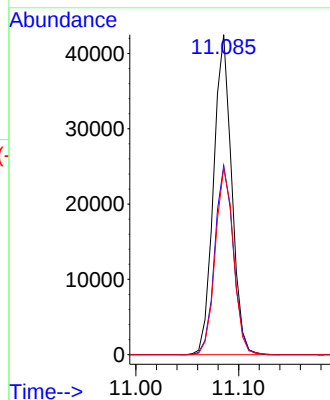
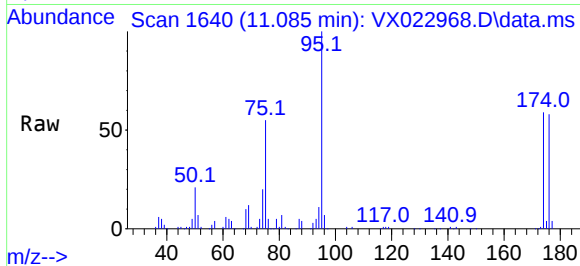




#62
4-Bromofluorobenzene
Concen: 49.398 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

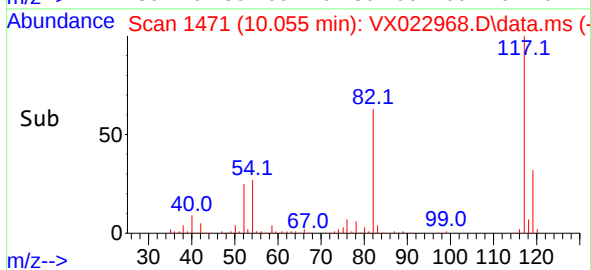
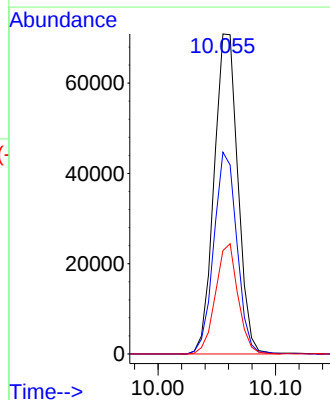
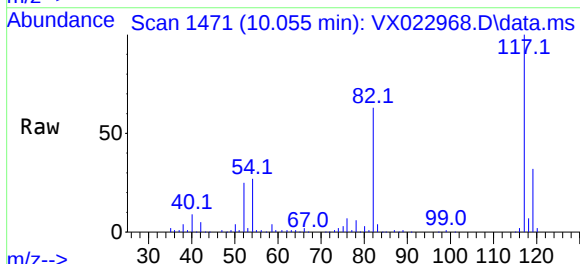
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

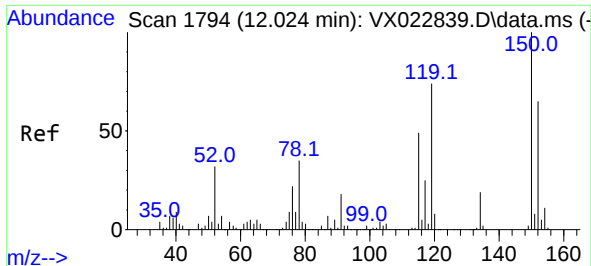
Tgt Ion: 95 Resp: 51785
Ion Ratio Lower Upper
95 100
174 60.7 0.0 154.6
176 59.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Tgt Ion: 117 Resp: 99542
Ion Ratio Lower Upper
117 100
82 63.1 47.4 71.2
119 32.3 26.6 39.8

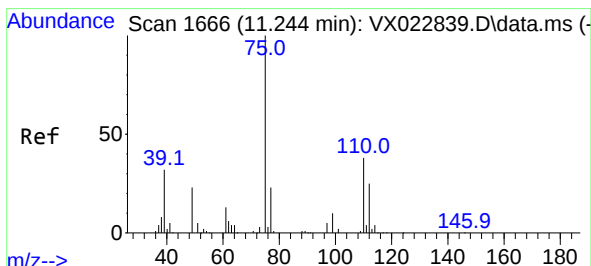
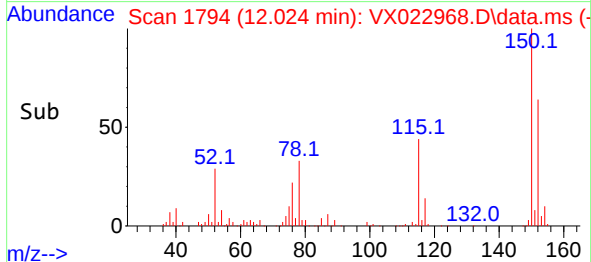
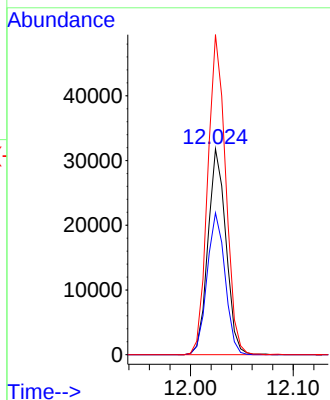
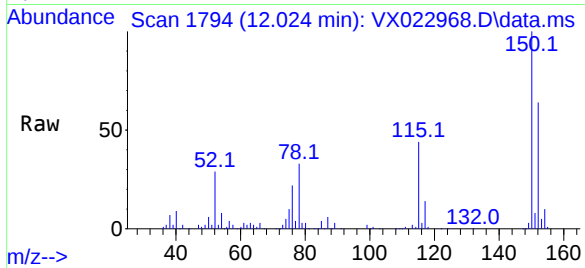




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

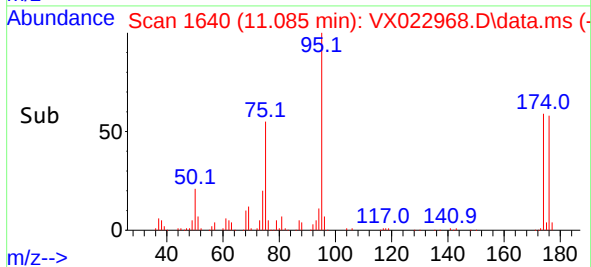
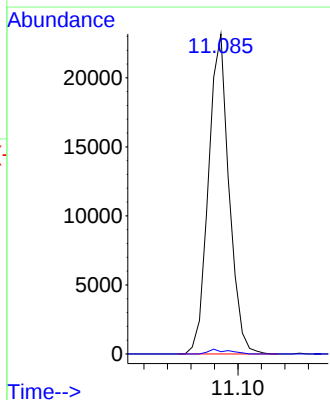
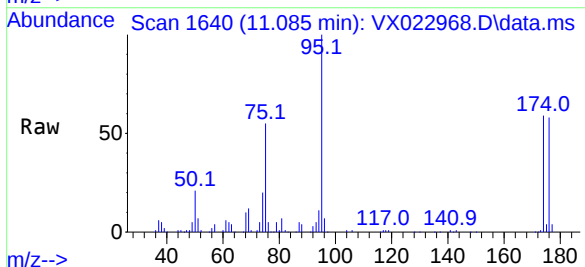
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

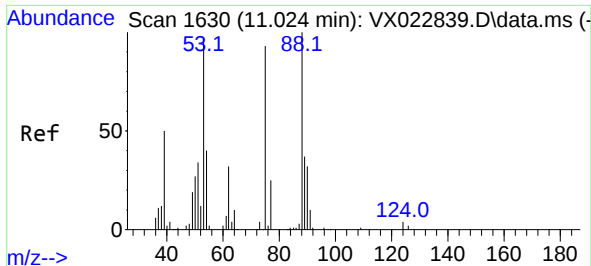
Tgt Ion:152 Resp: 38577
Ion Ratio Lower Upper
152 100
115 68.9 41.1 123.3
150 155.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.630 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Tgt Ion: 75 Resp: 28154
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

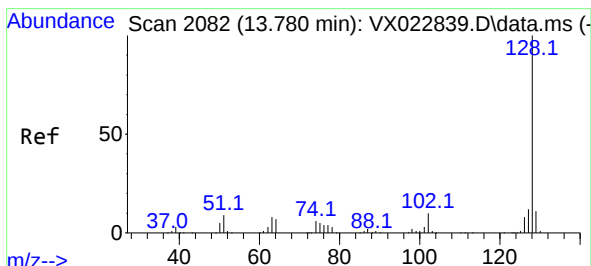
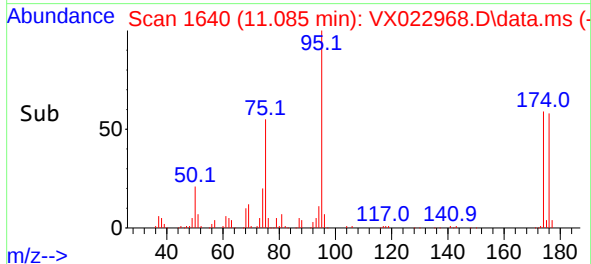
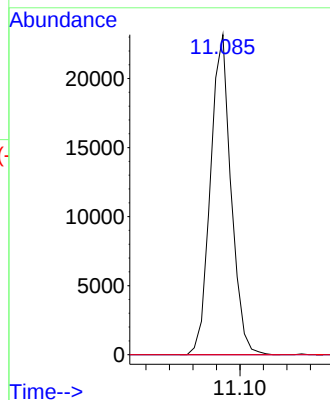
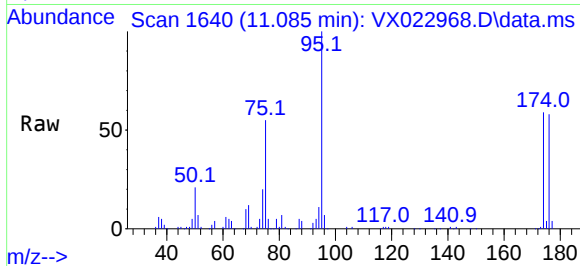




#81
trans-1,4-Dichloro-2-butene
Concen: 71.422 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

Tgt Ion: 75 Resp: 28154
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.090 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022968.D
Acq: 28 Jun 2021 10:23

Tgt Ion: 128 Resp: 547
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

