

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023333.D
 Acq On : 19 Jul 2021 10:48
 Operator : JC/MD
 Sample : VX0719WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBL01

Quant Time: Jul 20 05:22:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

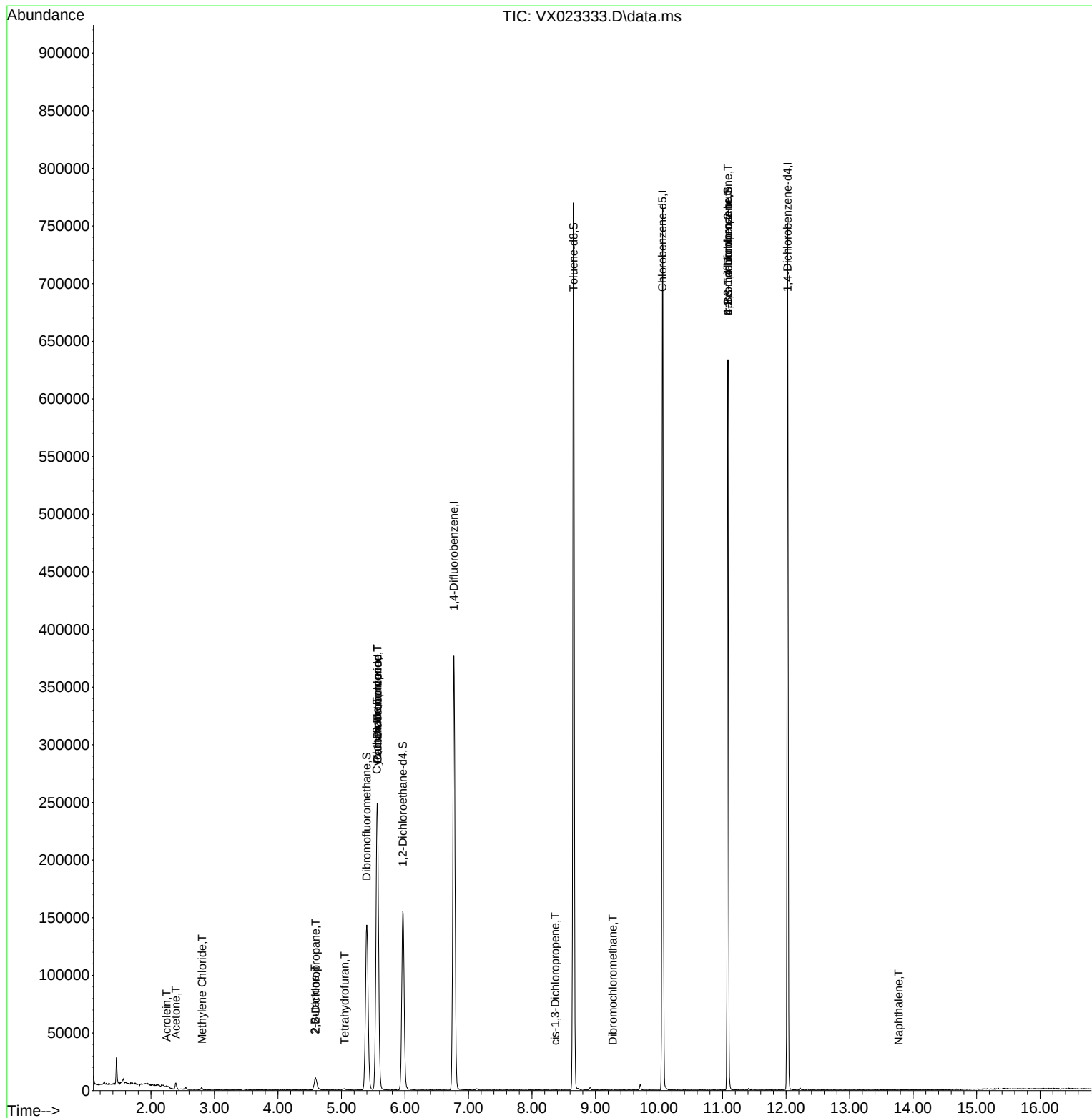
Internal Standards						
1) Pentafluorobenzene	5.568	168	234166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	381812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	159543	50.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.380%			
35) Dibromofluoromethane	5.397	113	124701	50.577	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.160%			
50) Toluene-d8	8.653	98	452145	49.161	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.320%			
62) 4-Bromofluorobenzene	11.085	95	165815	46.700	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.400%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	811	Below Cal	#	39
13) Acrolein	2.246	56	203	0.460	ug/l	84
16) Acetone	2.392	43	5882	4.724	ug/l	89
20) Methylene Chloride	2.806	84	793	0.296	ug/l #	55
25) 2-Butanone	4.581	43	562	0.299	ug/l #	45
26) 2,2-Dichloropropane	4.593	77	839	0.231	ug/l #	52
29) Tetrahydrofuran	5.050	42	1094	0.906	ug/l #	54
31) Cyclohexane	5.556	56	5201	1.380	ug/l #	34
36) 1,1-Dichloropropene	5.562	75	17659	5.188	ug/l #	50
38) Carbon Tetrachloride	5.568	117	25603	7.206	ug/l #	16
54) cis-1,3-Dichloropropene	8.366	75	19	2.177	ug/l #	41
60) Dibromochloromethane	9.275	129	89	3.140	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	86784	29.574	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	86784	79.473	ug/l #	12
95) Naphthalene	13.774	128	469	1.318	ug/l #	69

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

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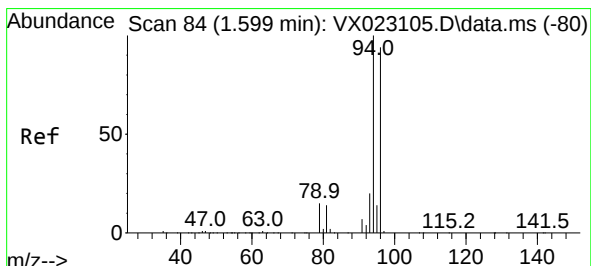
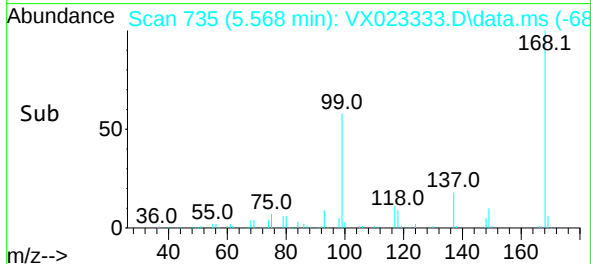
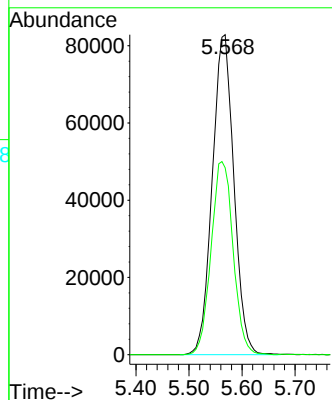
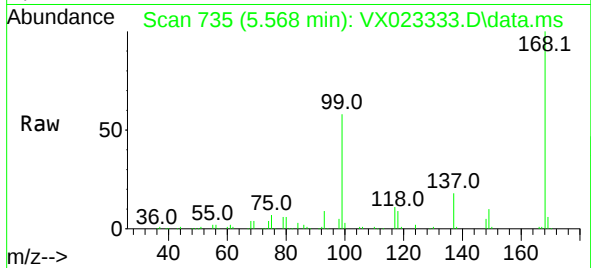




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

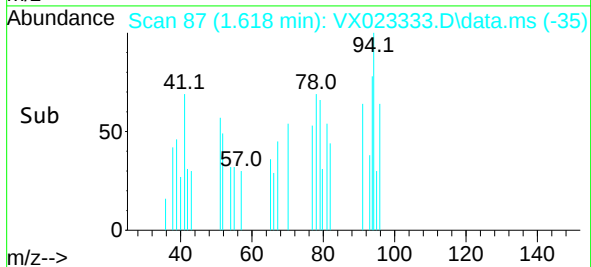
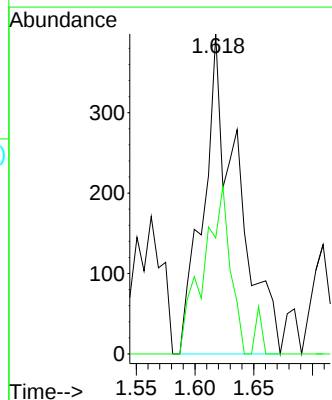
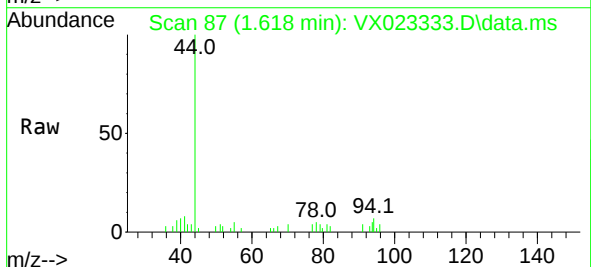
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBL01

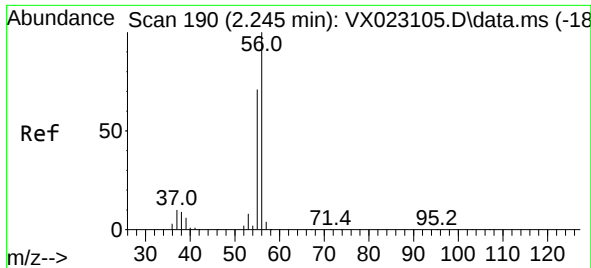
Tgt Ion:168 Resp: 234166
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

Tgt Ion: 94 Resp: 811
Ion Ratio Lower Upper
94 100
96 36.2 76.4 114.6#

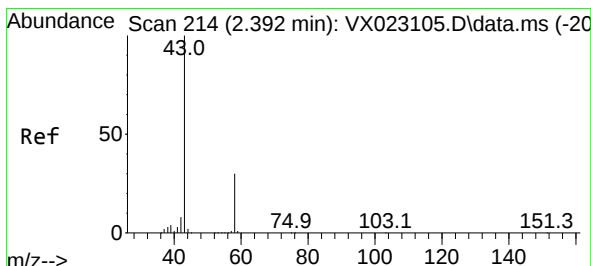
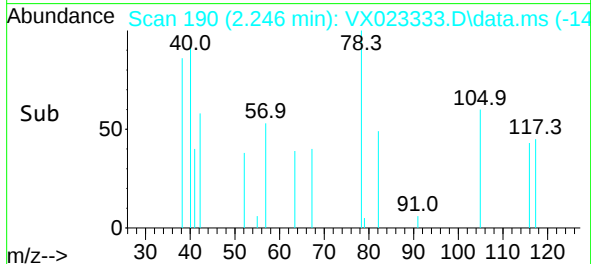
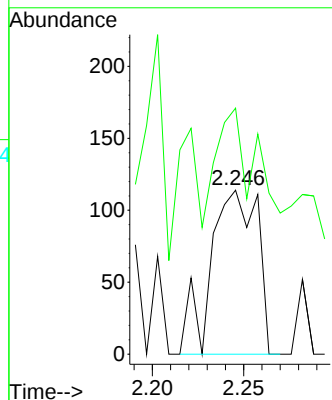
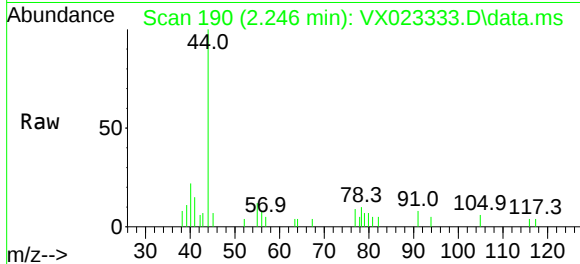




#13
Acrolein
Concen: 0.460 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

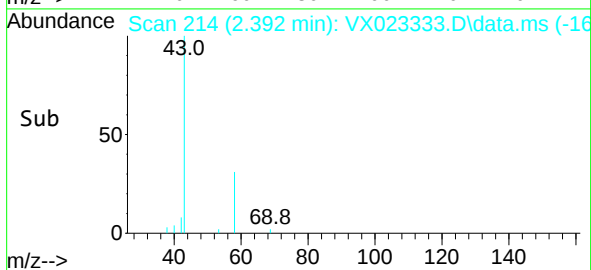
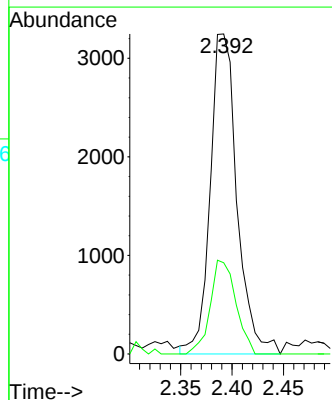
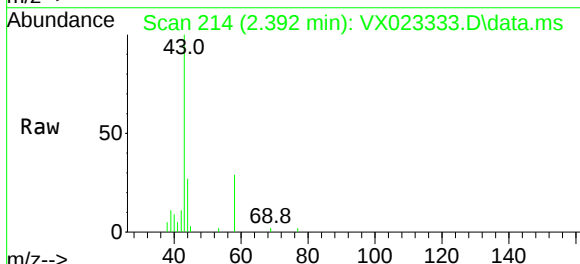
Instrument :
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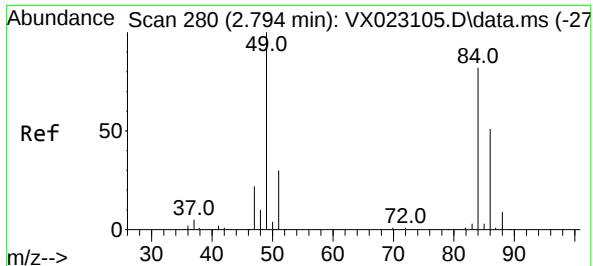
Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 57.6 56.4 84.6



#16
Acetone
Concen: 4.724 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

Tgt Ion: 43 Resp: 5882
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8





#20

Methylene Chloride

Concen: 0.296 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.012 min

Lab File: VX023333.D

Acq: 19 Jul 2021 10:48

Tgt Ion: 84 Resp: 793

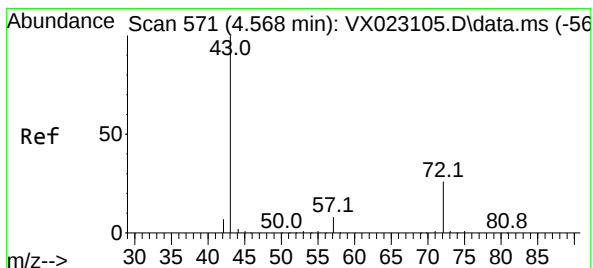
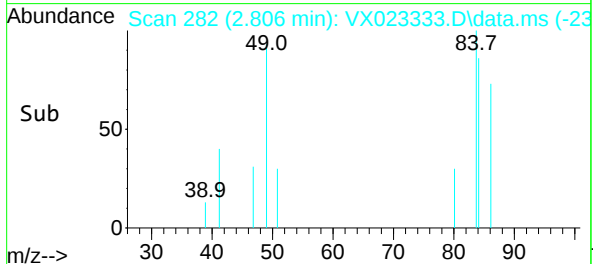
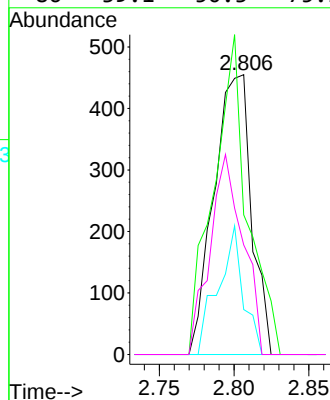
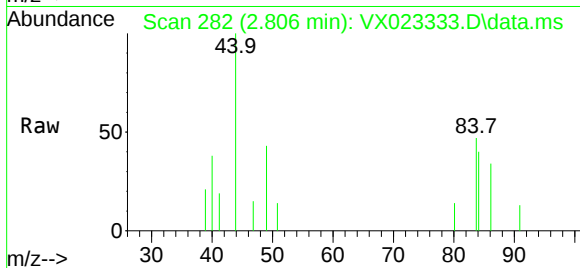
Ion Ratio Lower Upper

84 100

49 49.9 88.6 132.8#

51 16.0 27.0 40.6#

86 39.1 50.3 75.5#



#25

2-Butanone

Concen: 0.299 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX023333.D

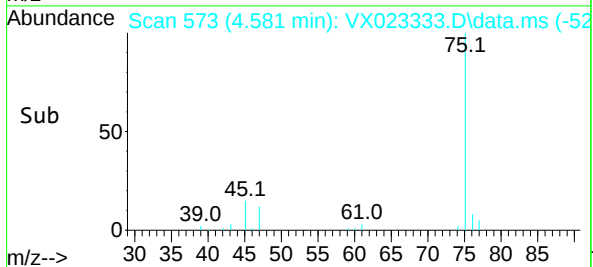
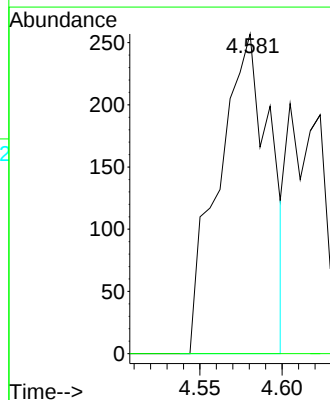
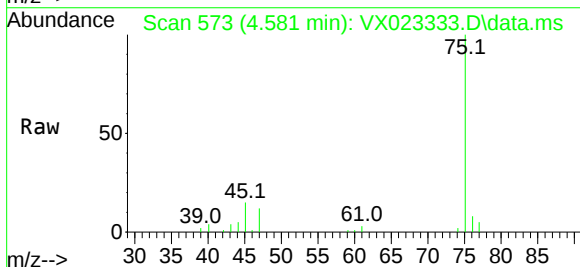
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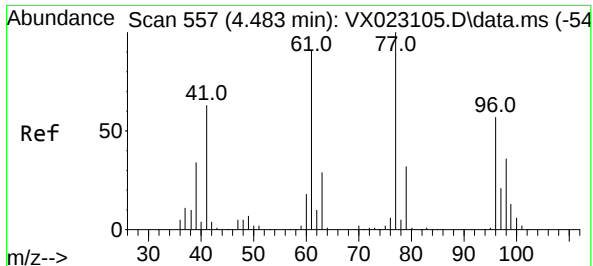
Tgt Ion: 43 Resp: 562

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

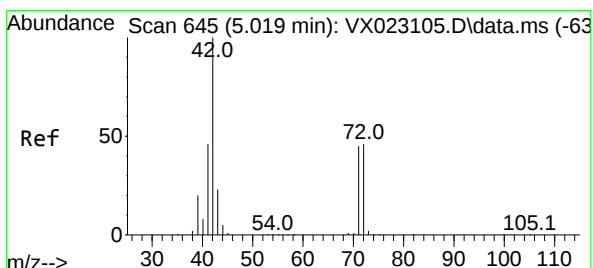
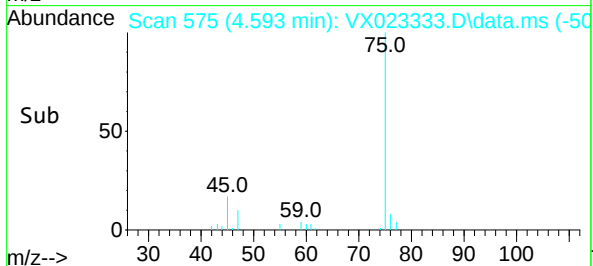
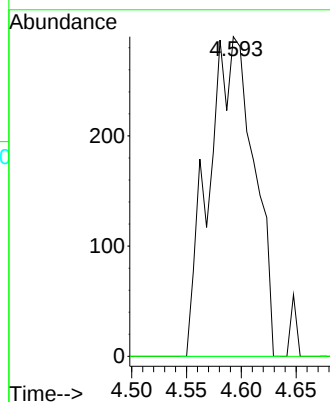
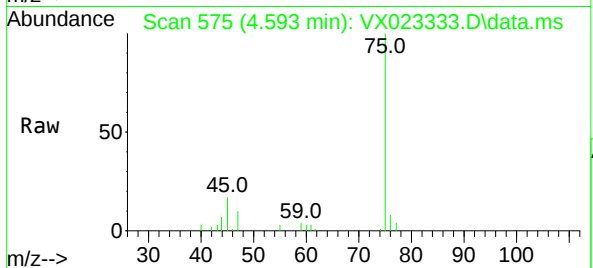




#26
2,2-Dichloropropane
Concen: 0.231 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.110 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

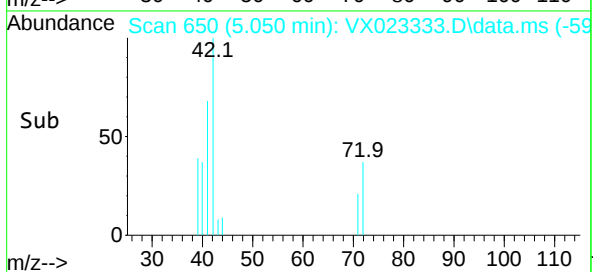
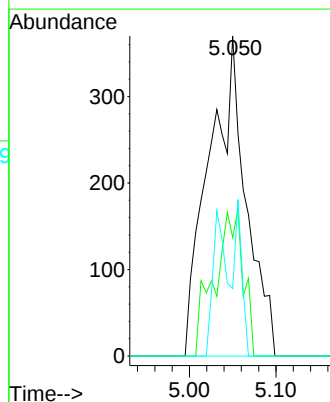
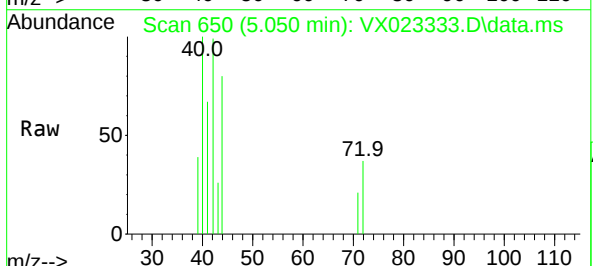
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBL01

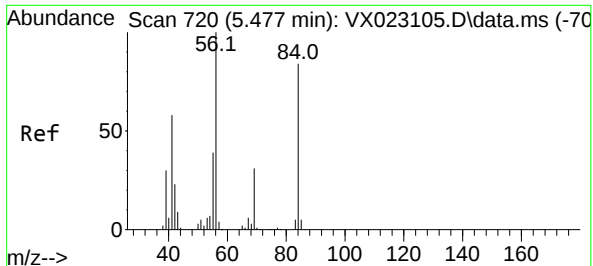
Tgt Ion: 77 Resp: 839
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#29
Tetrahydrofuran
Concen: 0.906 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.031 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

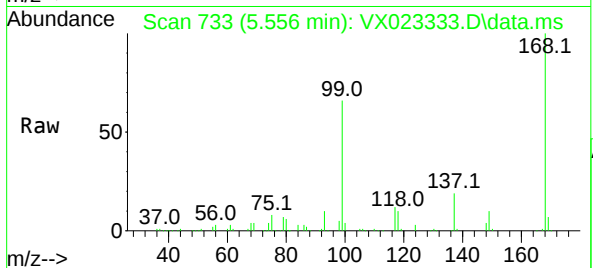
Tgt Ion: 42 Resp: 1094
Ion Ratio Lower Upper
42 100
72 35.7 41.7 62.5#
71 0.0 38.4 57.6#



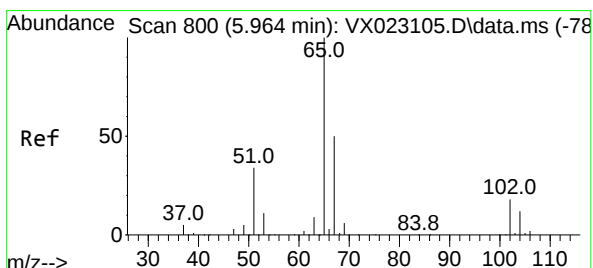
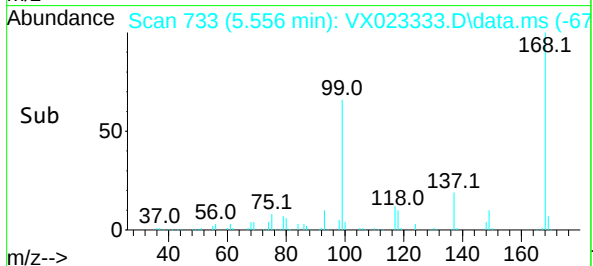
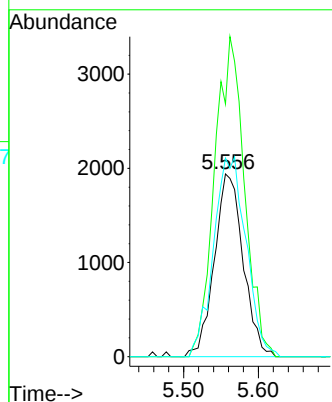


#31
Cyclohexane
Concen: 1.380 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBL01

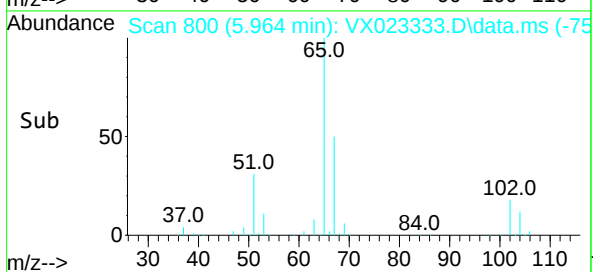
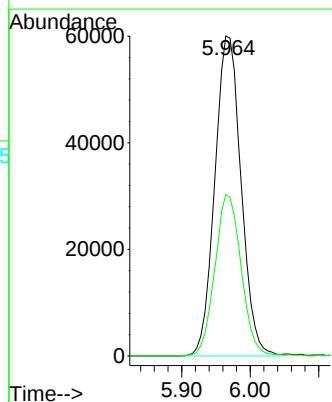
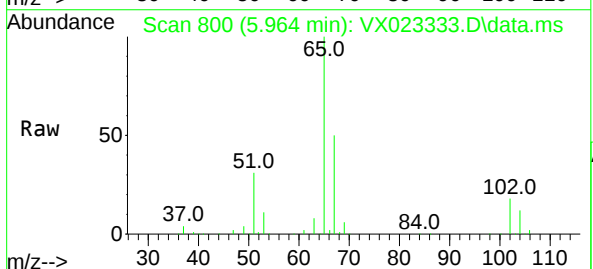


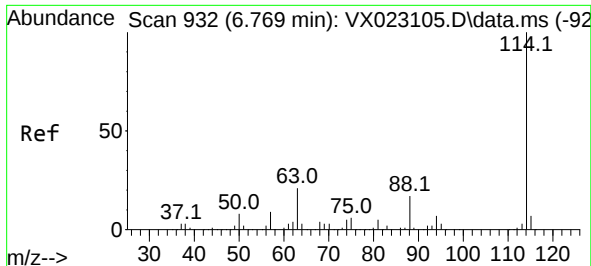
Tgt Ion: 56 Resp: 5201
Ion Ratio Lower Upper
56 100
69 138.2 25.3 37.9#
84 108.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.694 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

Tgt Ion: 65 Resp: 159543
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

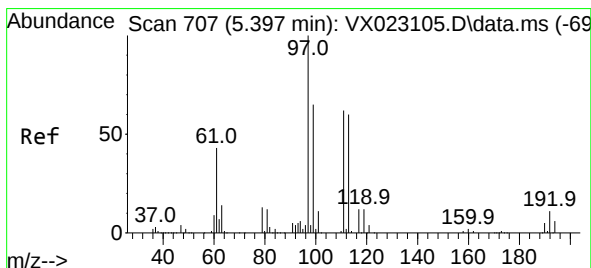
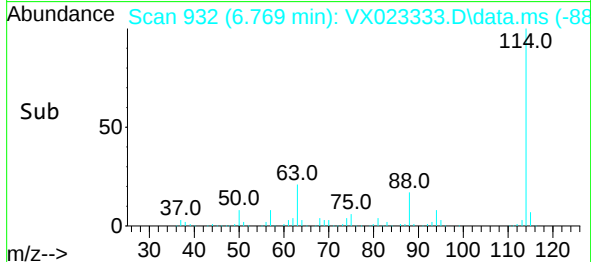
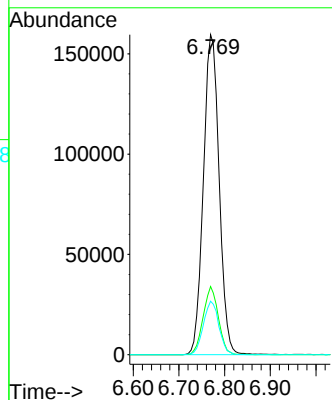
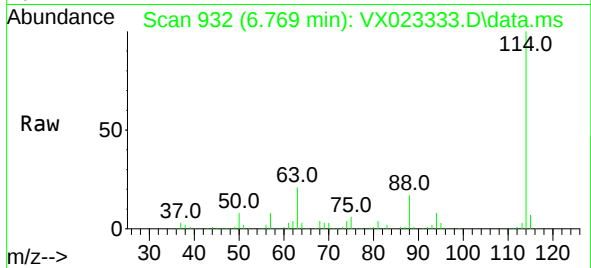




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

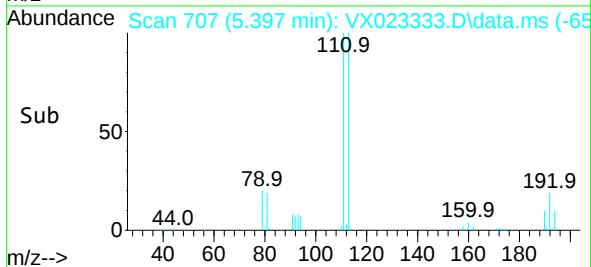
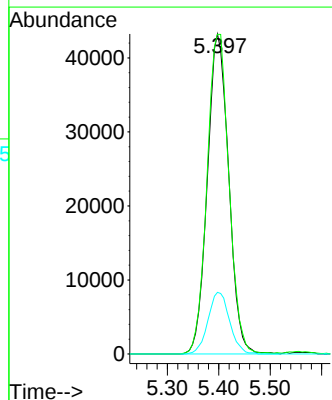
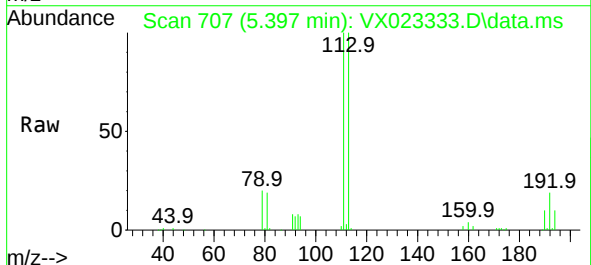
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBL01

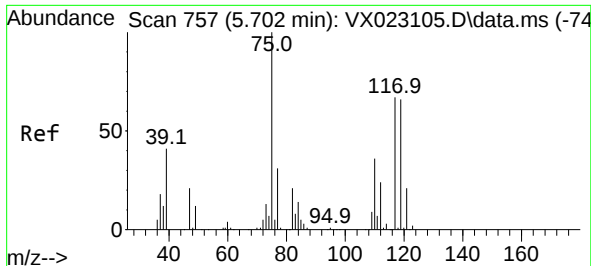
Tgt Ion:114 Resp: 381812
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.577 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

Tgt Ion:113 Resp: 124701
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.4 16.7 25.1

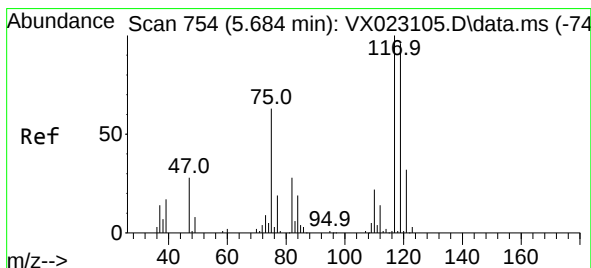
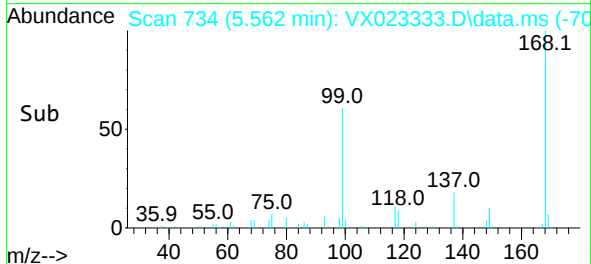
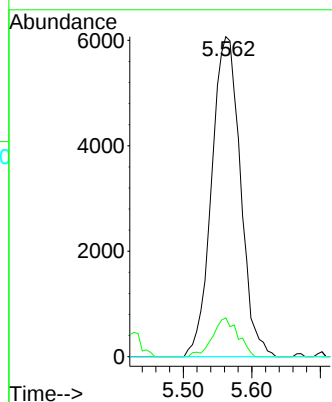
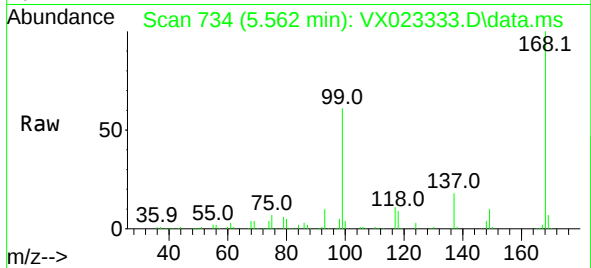




#36
1,1-Dichloropropene
Concen: 5.188 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

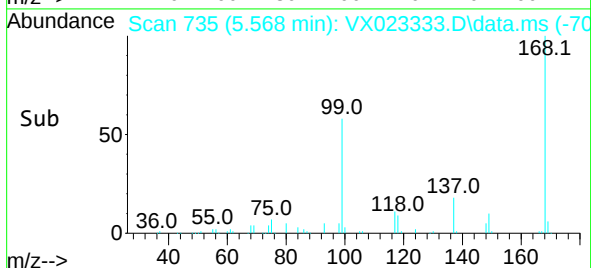
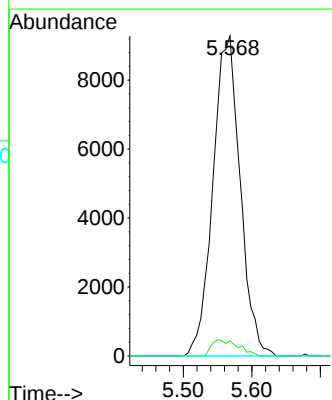
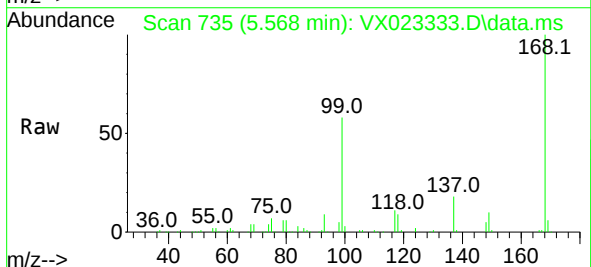
Instrument :
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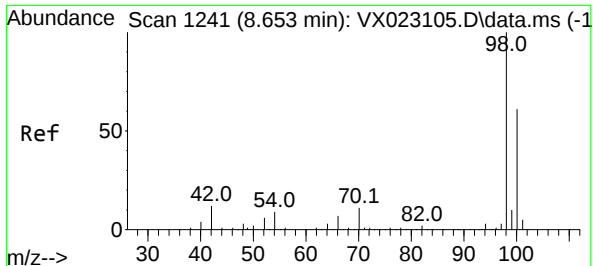
Tgt Ion: 75 Resp: 17659
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.206 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

Tgt Ion: 117 Resp: 25603
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.161 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023333.D

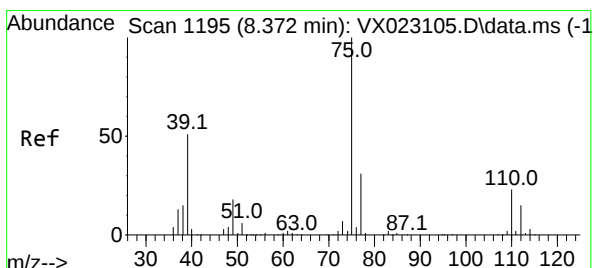
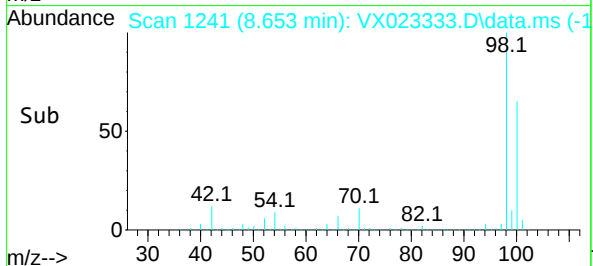
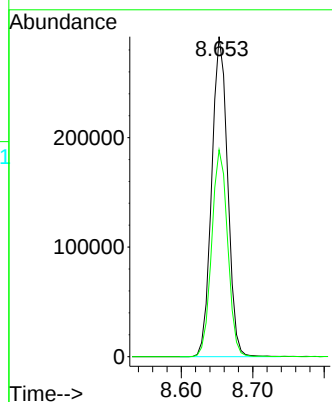
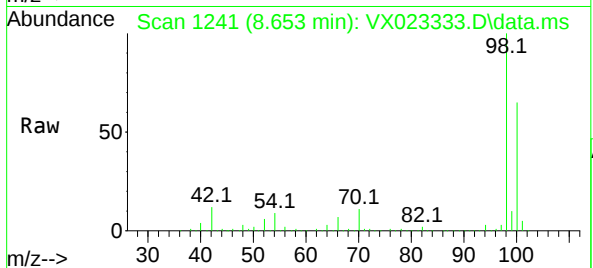
Acq: 19 Jul 2021 10:48

Tgt Ion: 98 Resp: 452145

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#54

cis-1,3-Dichloropropene

Concen: 2.177 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX023333.D

Acq: 19 Jul 2021 10:48

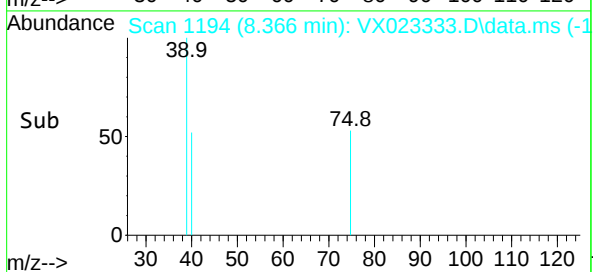
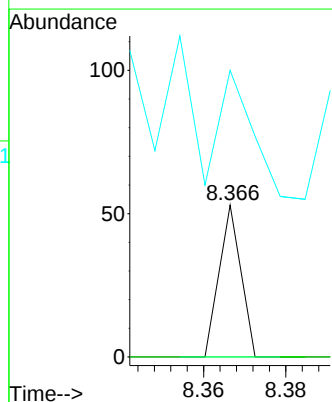
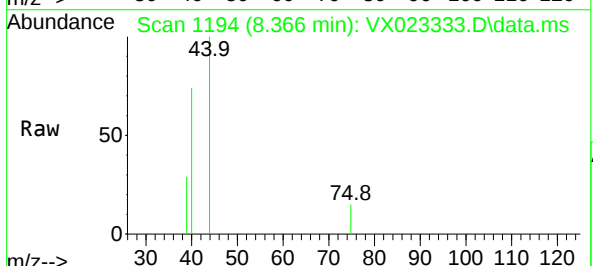
Tgt Ion: 75 Resp: 19

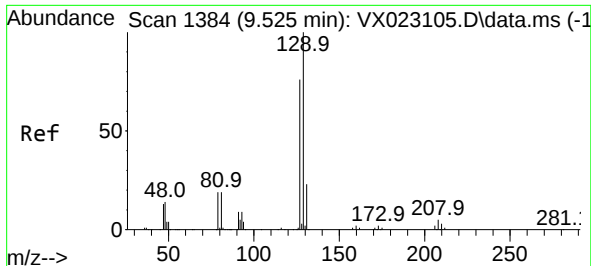
Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

39 83.0 35.1 52.7#

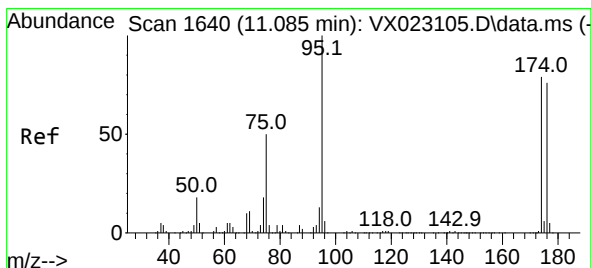
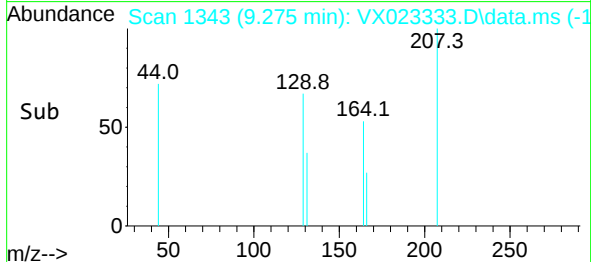
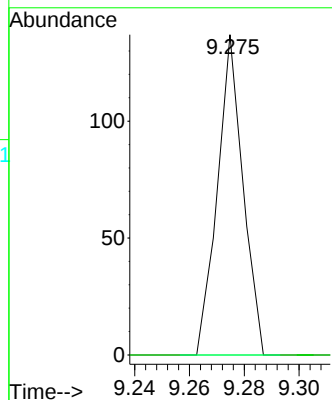
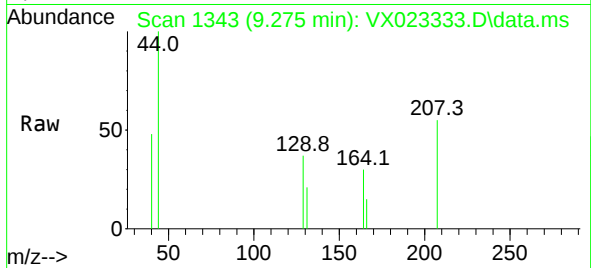




#60
Dibromochloromethane
Concen: 3.140 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

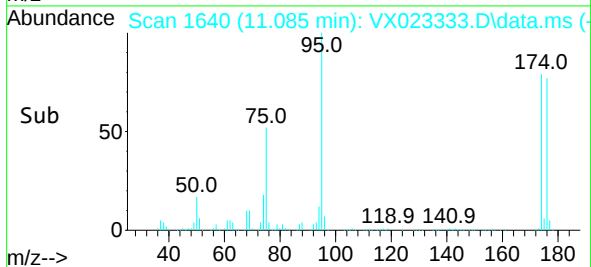
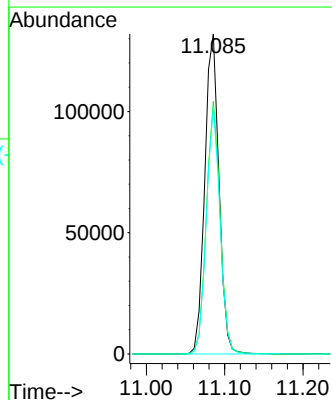
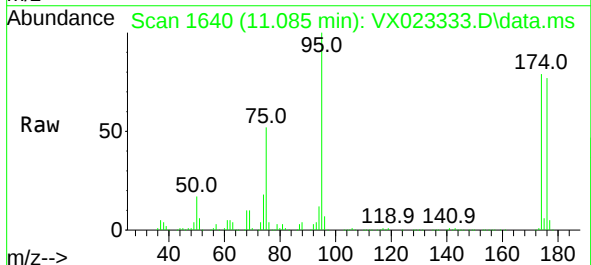
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBL01

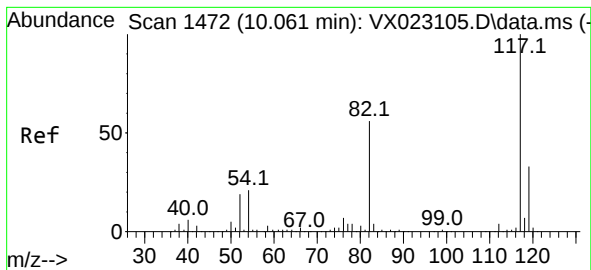
Tgt Ion:129 Resp: 89
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.700 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

Tgt Ion: 95 Resp: 165815
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 74.4 0.0 155.8

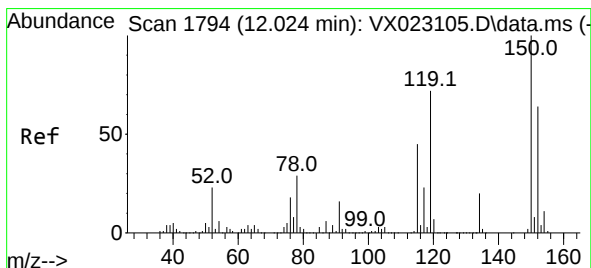
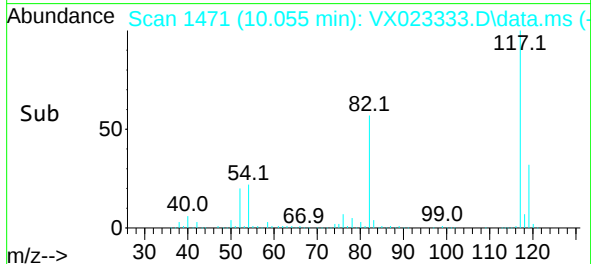
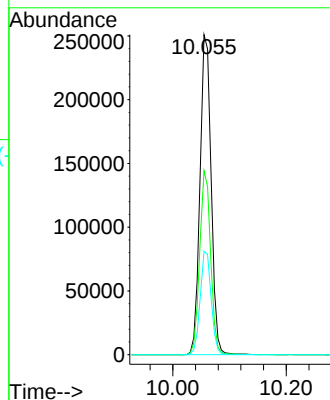
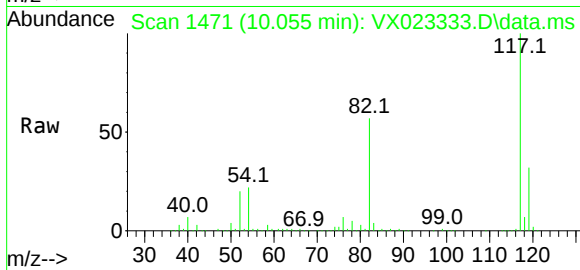




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

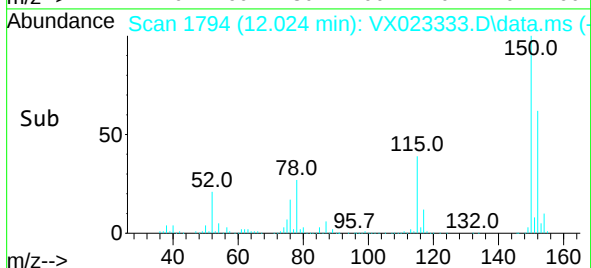
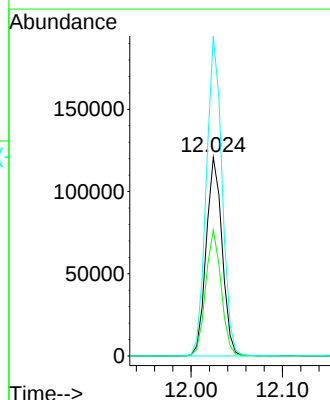
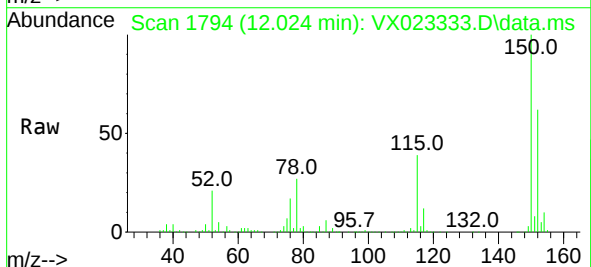
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBL01

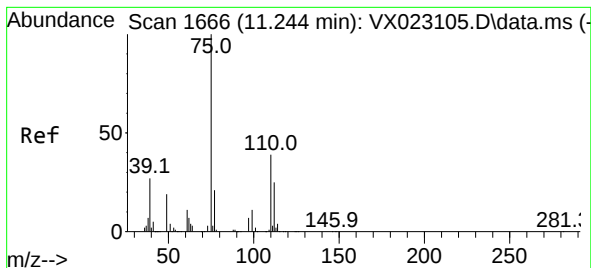
Tgt Ion:117 Resp: 341700
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

Tgt Ion:152 Resp: 145826
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 158.7 0.0 349.0

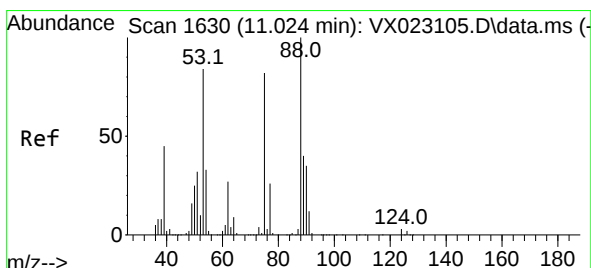
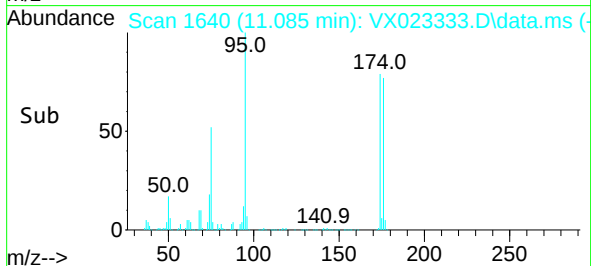
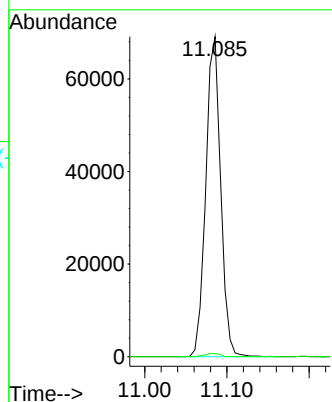
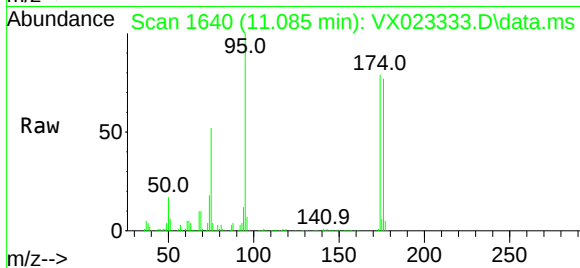




#76
1,2,3-Trichloropropane
Concen: 29.574 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

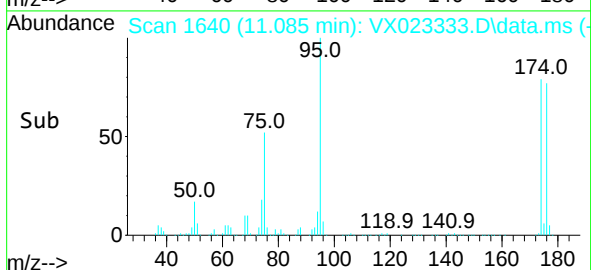
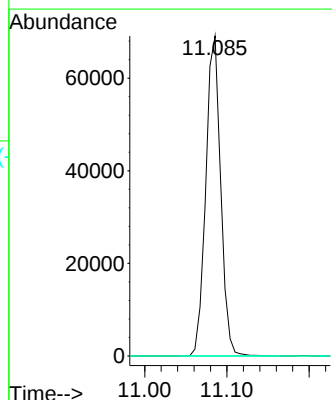
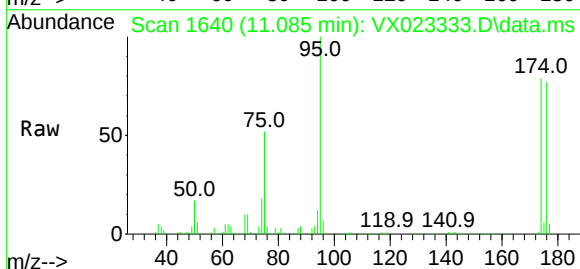
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBL01

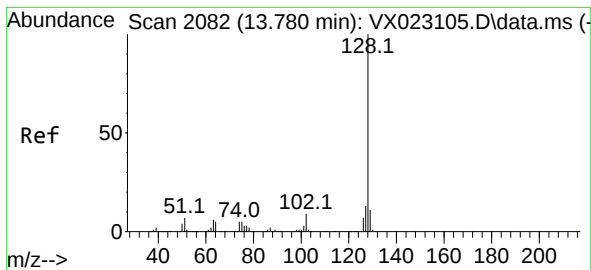
Tgt Ion: 75 Resp: 86784
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.473 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

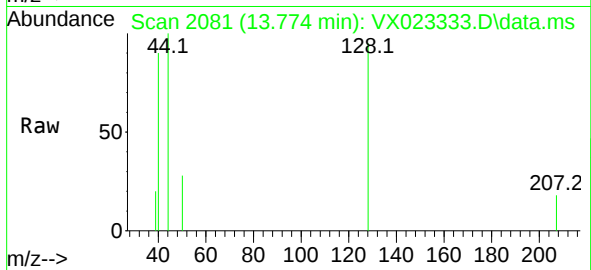
Tgt Ion: 75 Resp: 86784
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.318 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023333.D
Acq: 19 Jul 2021 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBL01



Tgt Ion:128 Resp: 469
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

