

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025292.D
 Acq On : 23 Nov 2021 22:28
 Operator : JC/MD
 Sample : VX1123WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBL02

Quant Time: Nov 24 03:16:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

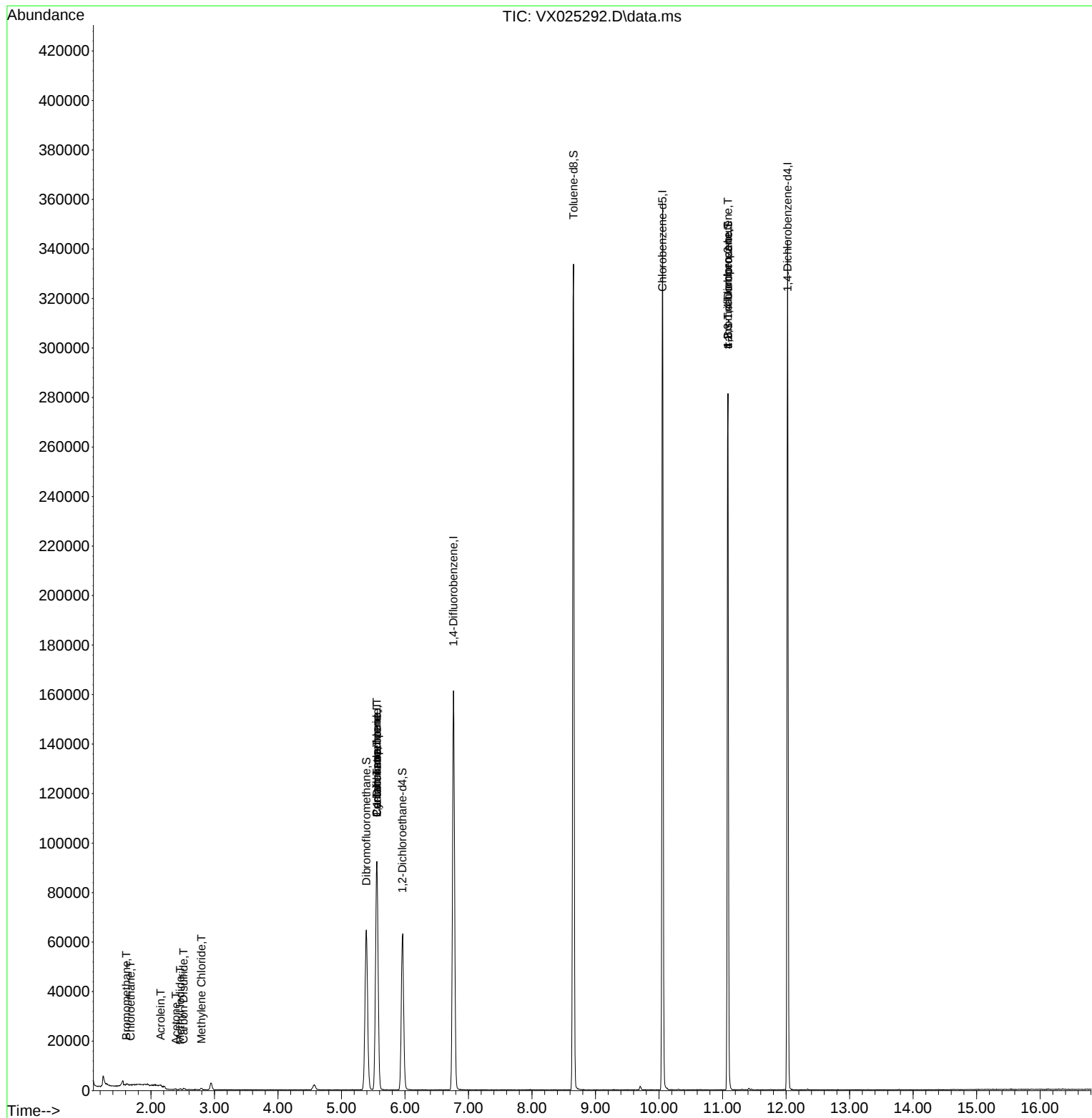
Internal Standards						
1) Pentafluorobenzene	5.556	168	95454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57728	57.375	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.760%	
35) Dibromofluoromethane	5.391	113	55573	52.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.360%	
50) Toluene-d8	8.653	98	203328	51.265	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	11.085	95	76236	50.809	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.620%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	271	0.560	ug/l #	72
6) Chloroethane	1.678	64	167	0.215	ug/l #	43
10) Methyl Iodide	2.459	142	427	0.384	ug/l #	81
11) Tert butyl alcohol	2.947	59	1677	Below Cal	#	72
13) Acrolein	2.154	56	20	0.434	ug/l #	1
16) Acetone	2.392	43	472	0.844	ug/l #	45
17) Carbon Disulfide	2.514	76	507	0.204	ug/l #	76
20) Methylene Chloride	2.794	84	357	0.340	ug/l #	87
31) Cyclohexane	5.556	56	1695	1.090	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6453	4.302	ug/l #	49
38) Carbon Tetrachloride	5.556	117	8930	5.405	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	36835	24.444	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	36835	61.579	ug/l #	9
95) Naphthalene	13.786	128	283	Below Cal	#	69

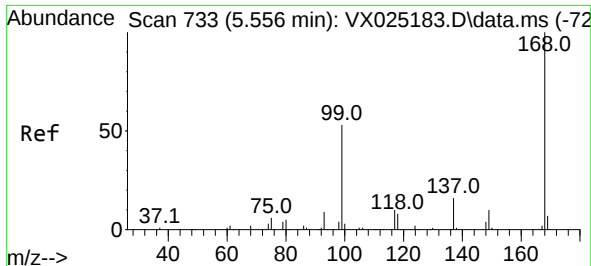
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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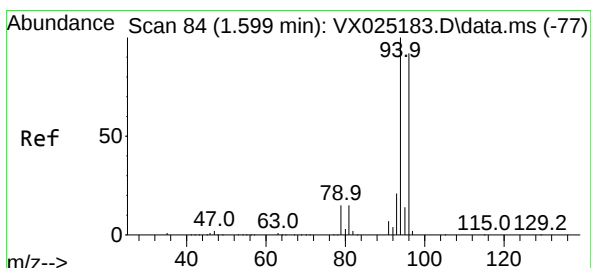
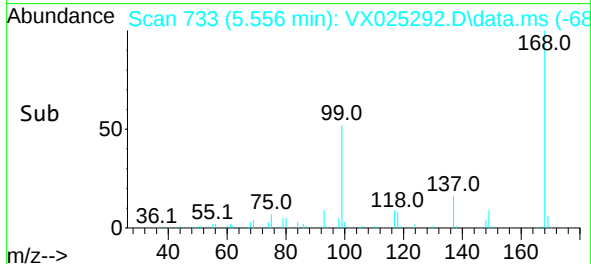
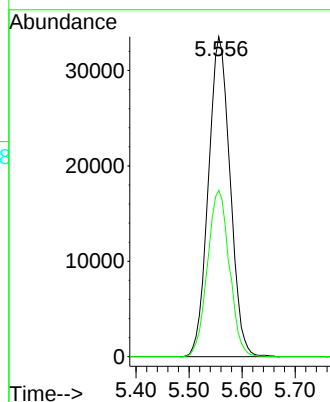
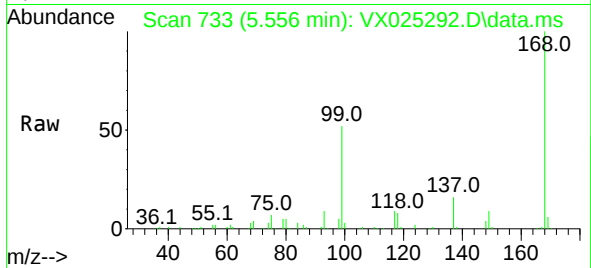




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

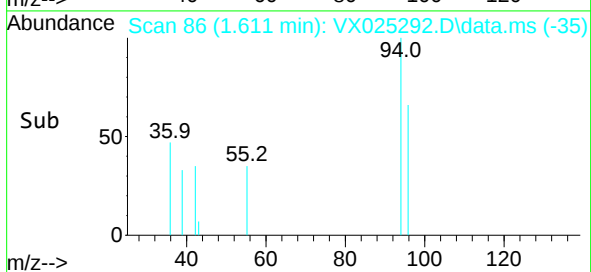
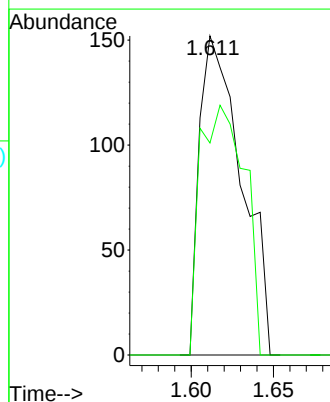
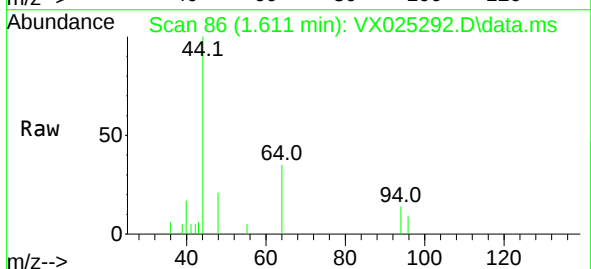
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBL02

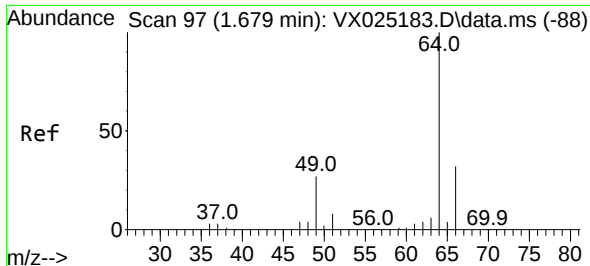
Tgt Ion:168 Resp: 95454
Ion Ratio Lower Upper
168 100
99 52.0 46.4 69.6



#5
Bromomethane
Concen: 0.560 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

Tgt Ion: 94 Resp: 271
Ion Ratio Lower Upper
94 100
96 66.4 74.8 112.2#

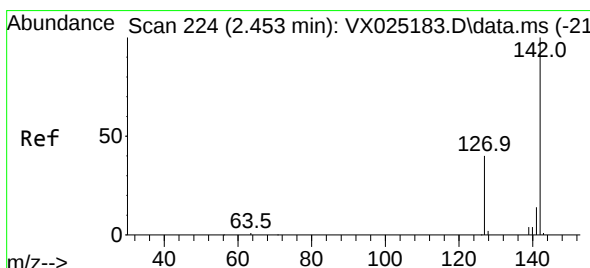
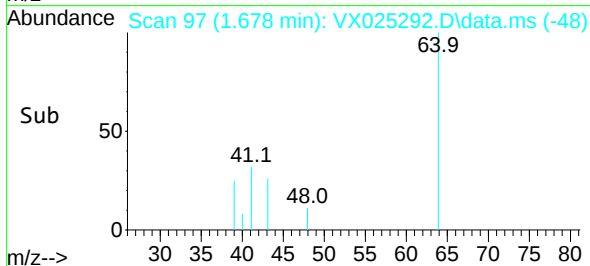
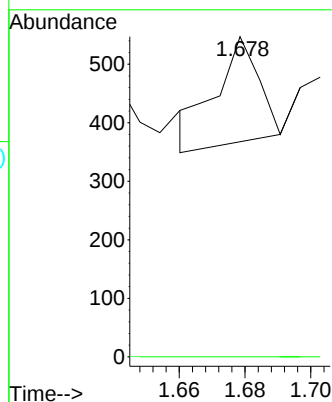
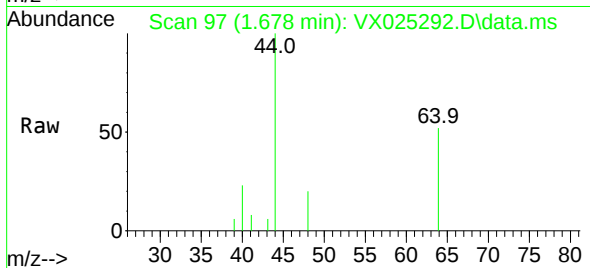




#6
Chloroethane
Concen: 0.215 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

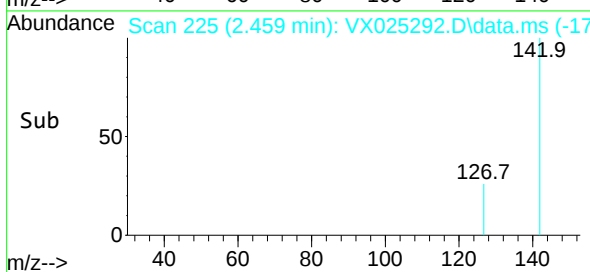
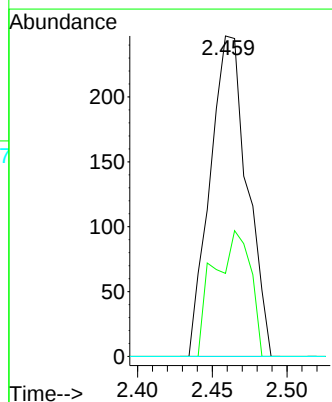
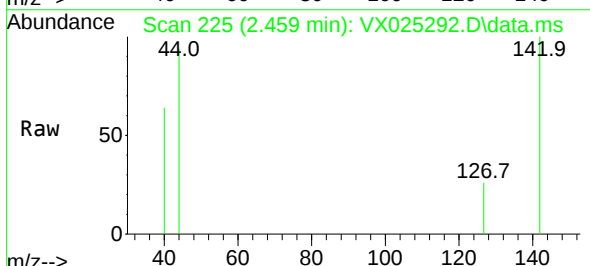
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBL02

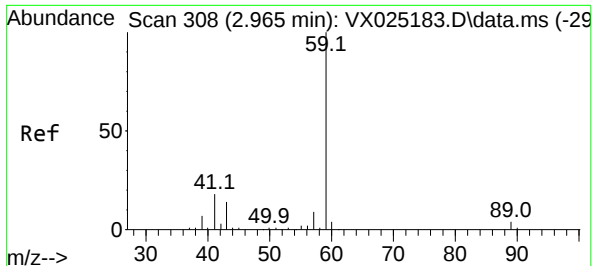
Tgt Ion: 64 Resp: 167
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#10
Methyl Iodide
Concen: 0.384 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

Tgt Ion: 142 Resp: 427
Ion Ratio Lower Upper
142 100
127 38.6 38.9 58.3#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025292.D

Acq: 23 Nov 2021 22:28

Instrument :

MSVOA_X

ClientSampleId :

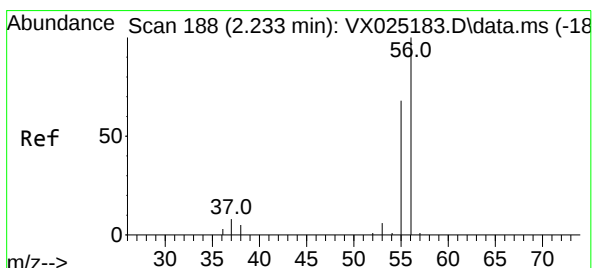
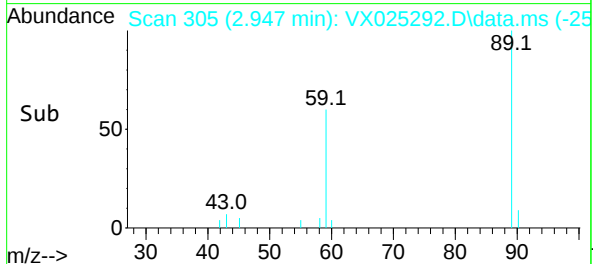
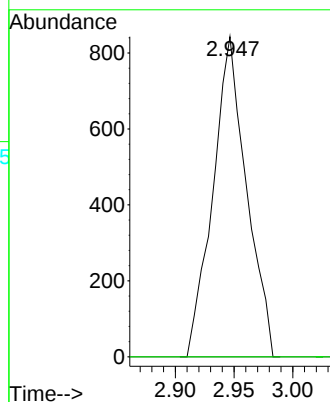
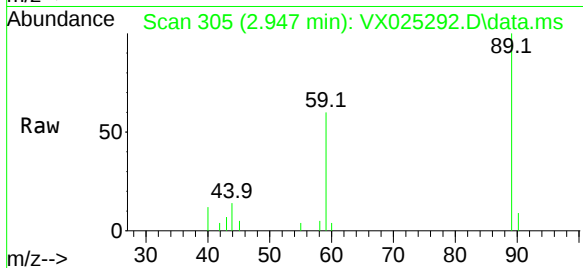
VX1123WBL02

Tgt Ion: 59 Resp: 1677

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 0.434 ug/l

RT: 2.154 min Scan# 175

Delta R.T. -0.079 min

Lab File: VX025292.D

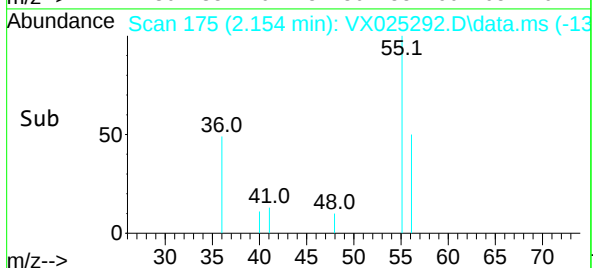
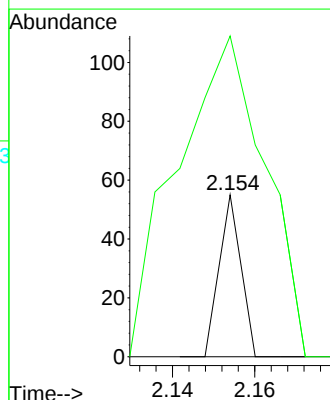
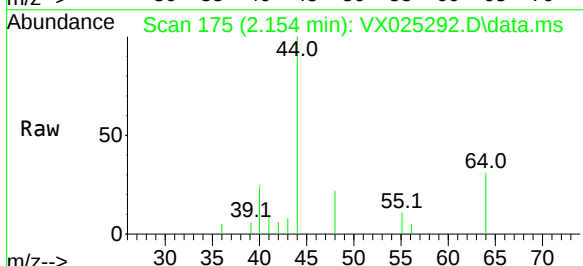
Acq: 23 Nov 2021 22:28

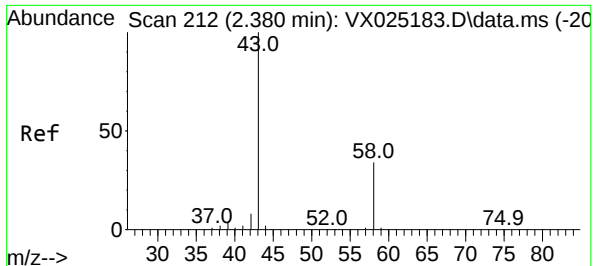
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 810.0 58.6 87.8#

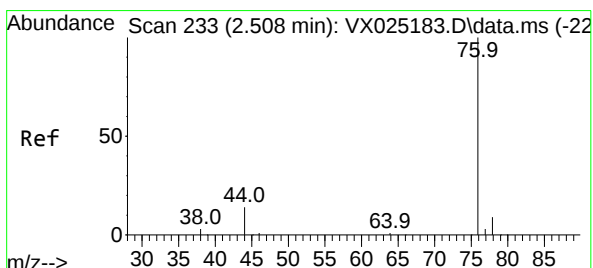
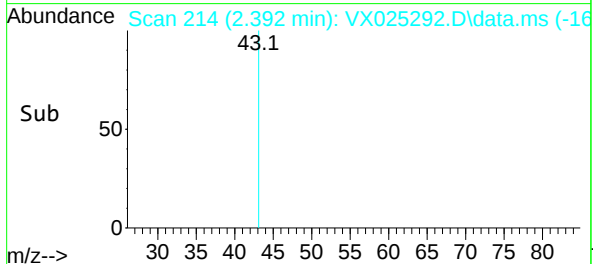
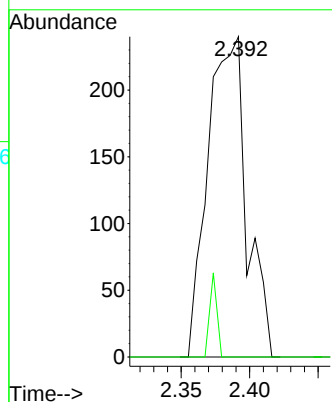
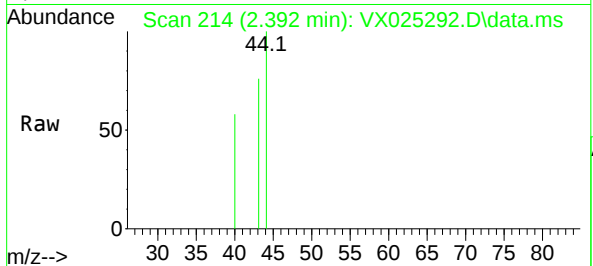




#16
Acetone
Concen: 0.844 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

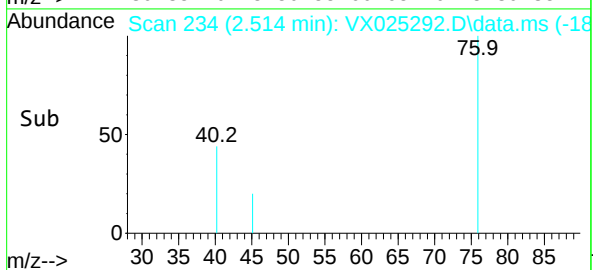
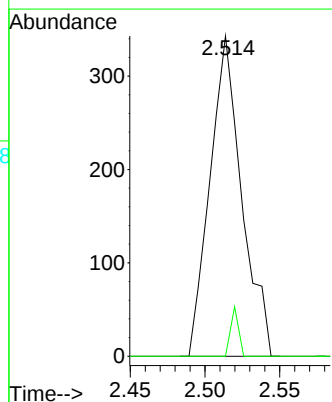
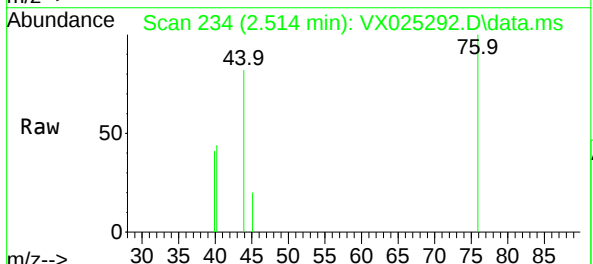
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBL02

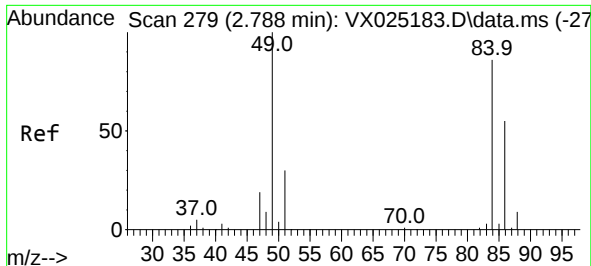
Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

Tgt Ion: 76 Resp: 507
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#

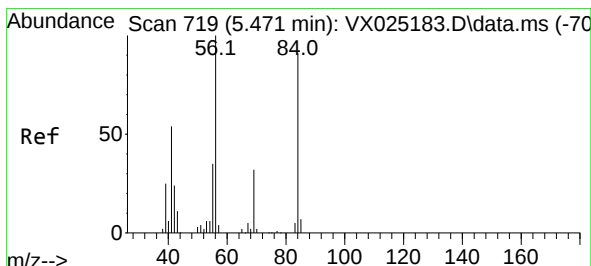
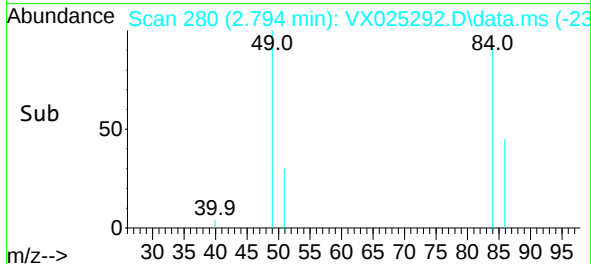
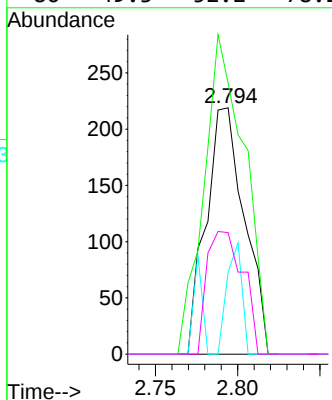
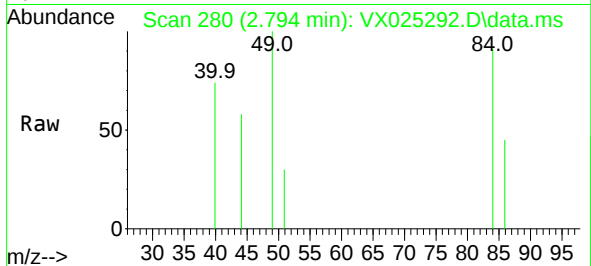




#20
Methylene Chloride
Concen: 0.340 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

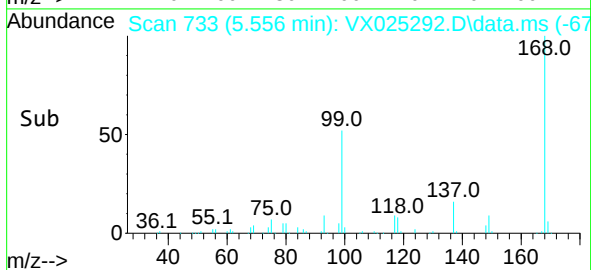
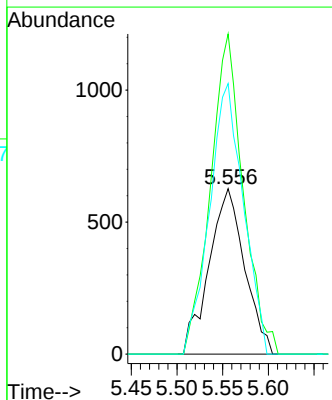
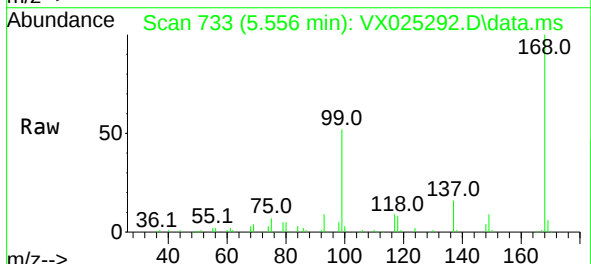
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBL02

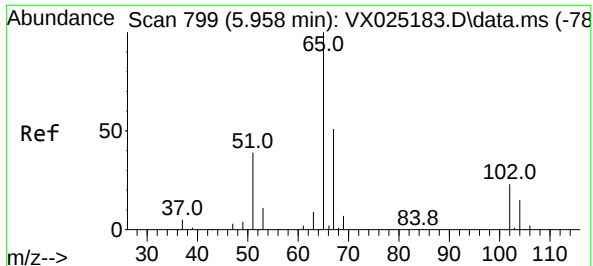
Tgt Ion: 84	Resp: 357
Ion Ratio	Lower Upper
84 100	
49 110.0	98.2 147.2
51 33.3	30.2 45.4
86 49.3	52.2 78.2#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

Tgt Ion: 56	Resp: 1695		
Ion Ratio	Lower	Upper	
56	100		
69	193.5	24.2	36.2#
84	163.5	71.5	107.3#





#33

1,2-Dichloroethane-d4

Concen: 57.375 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025292.D

Acq: 23 Nov 2021 22:28

Instrument :

MSVOA_X

ClientSampleId :

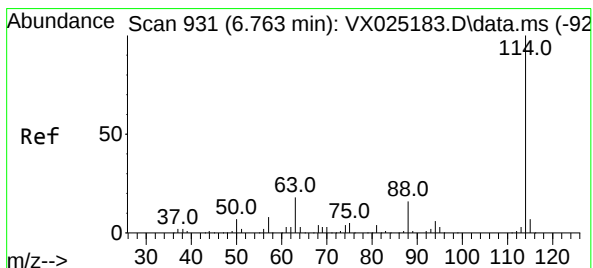
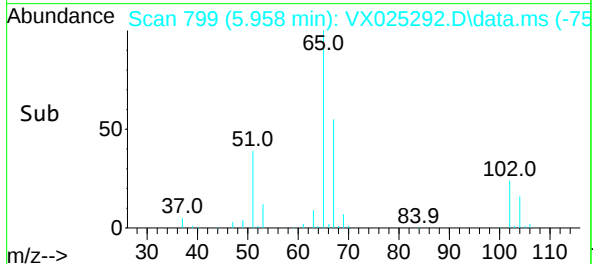
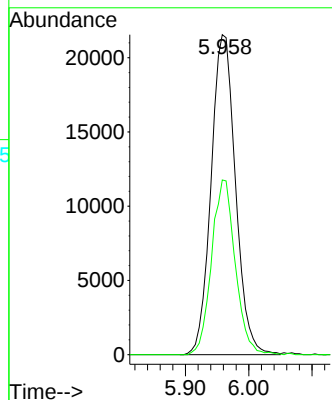
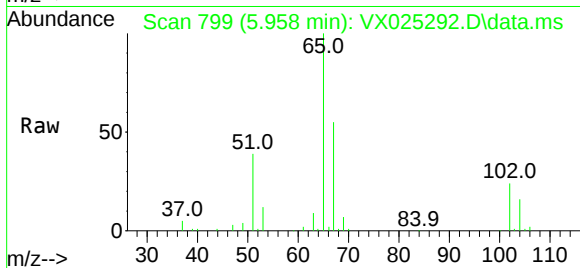
VX1123WBL02

Tgt Ion: 65 Resp: 57728

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025292.D

Acq: 23 Nov 2021 22:28

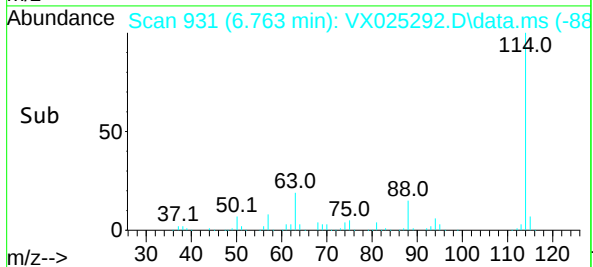
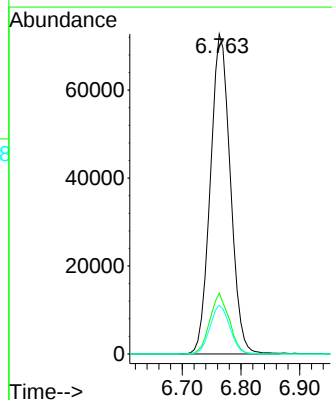
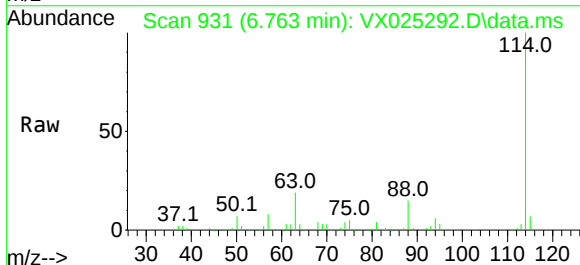
Tgt Ion: 114 Resp: 171925

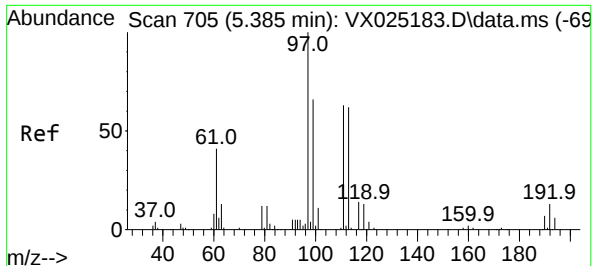
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.0

88 15.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.682 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025292.D

Acq: 23 Nov 2021 22:28

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MSVOA_X

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VX1123WBL02

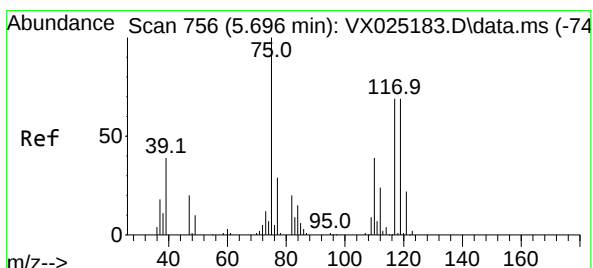
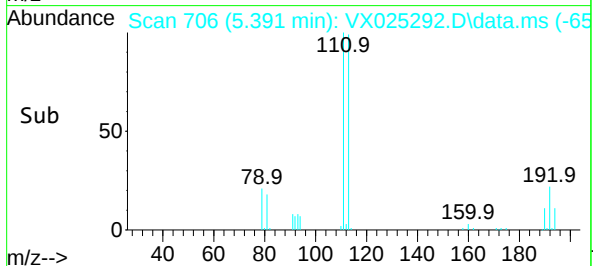
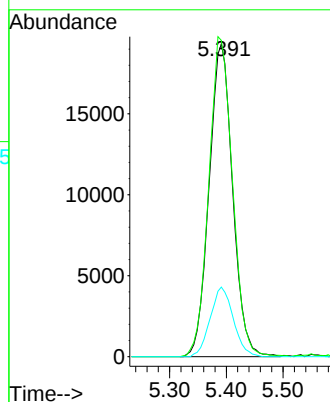
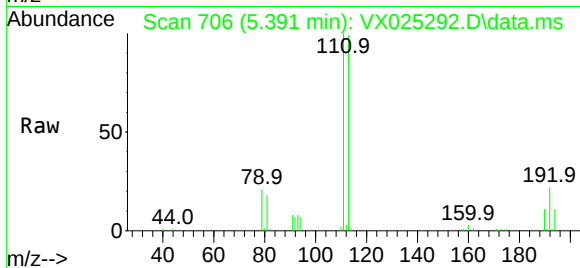
Tgt Ion:113 Resp: 55573

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 21.9 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.302 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025292.D

Acq: 23 Nov 2021 22:28

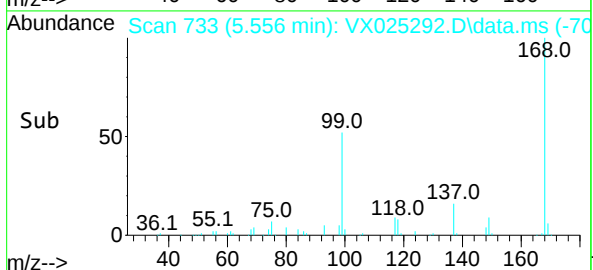
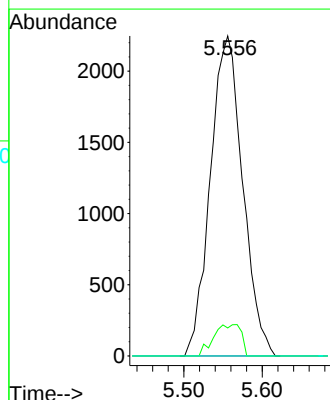
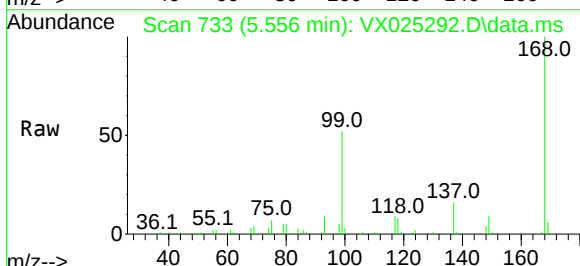
Tgt Ion: 75 Resp: 6453

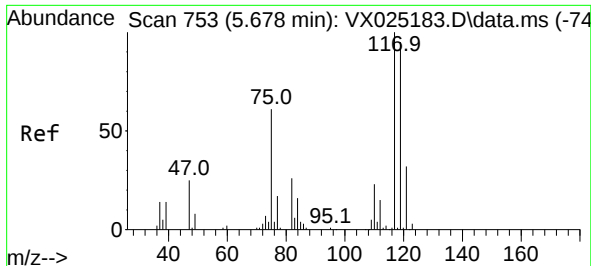
Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.3#

77 0.0 24.4 36.6#

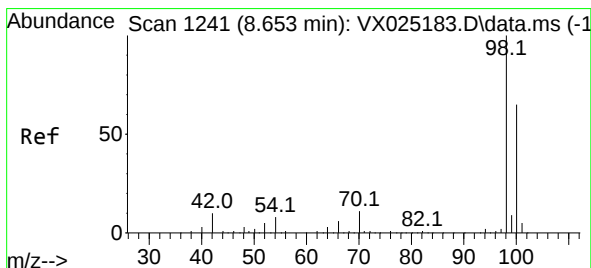
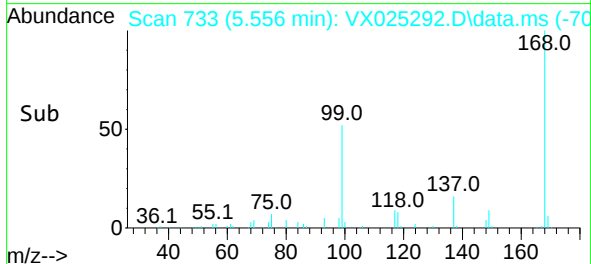
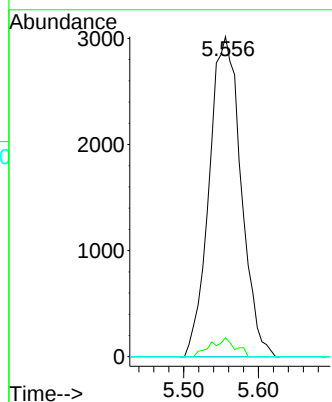
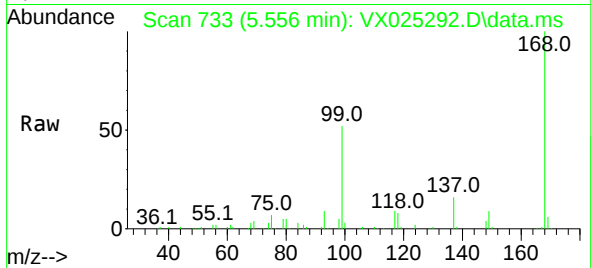




#38
Carbon Tetrachloride
Concen: 5.405 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

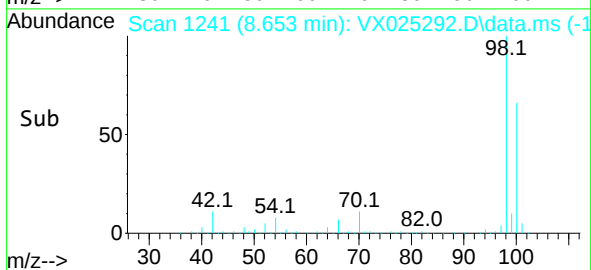
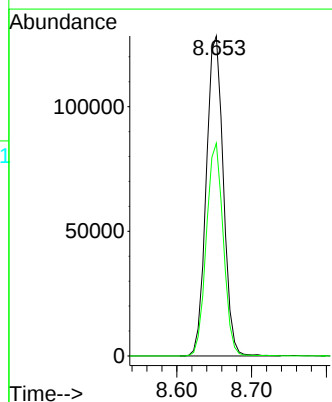
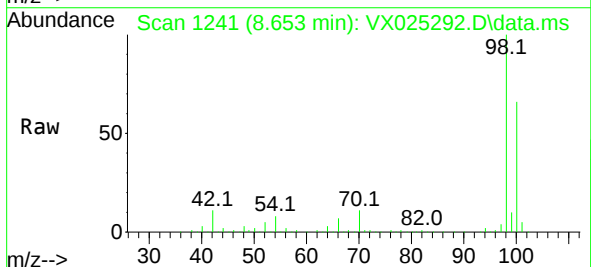
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBL02

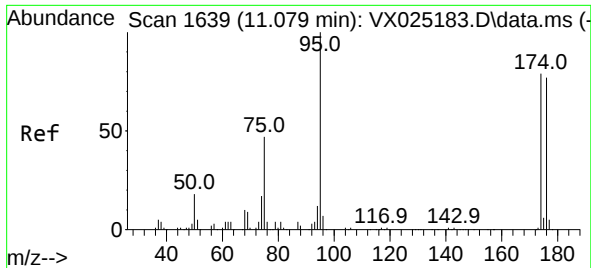
Tgt Ion:117 Resp: 8930
Ion Ratio Lower Upper
117 100
119 5.9 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.265 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

Tgt Ion: 98 Resp: 203328
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0

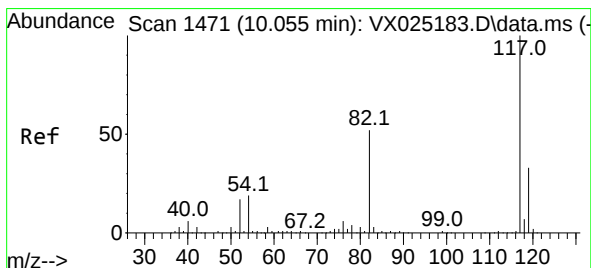
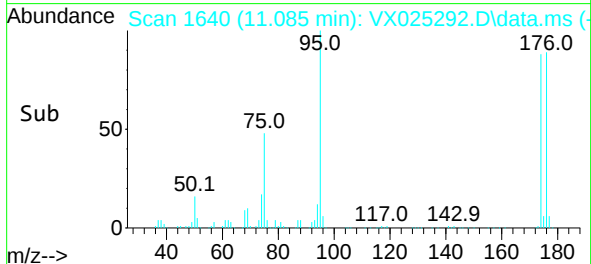
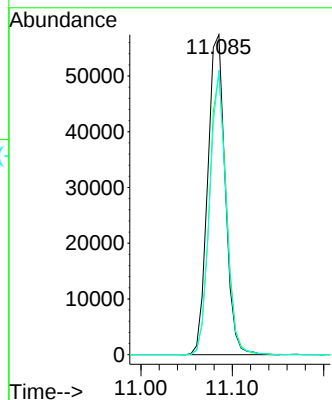
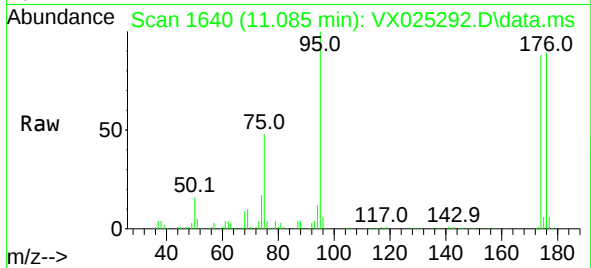




#62
4-Bromofluorobenzene
Concen: 50.809 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

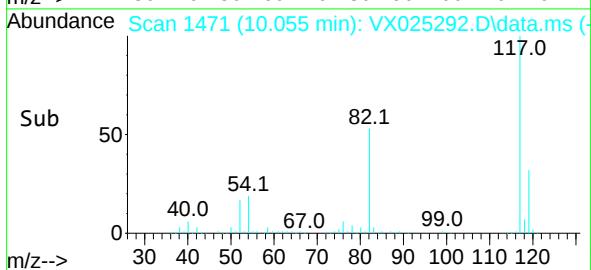
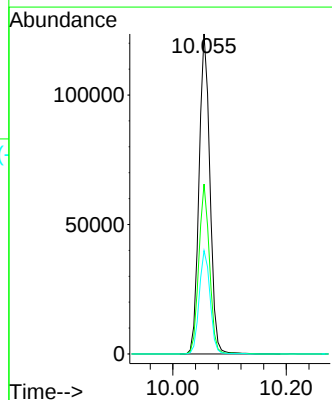
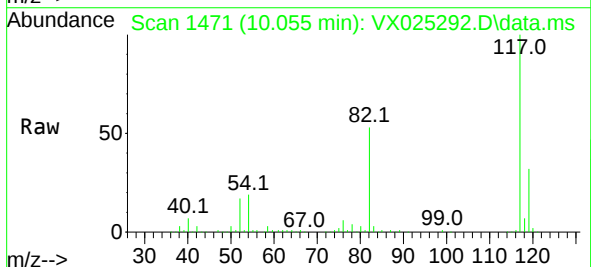
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBL02

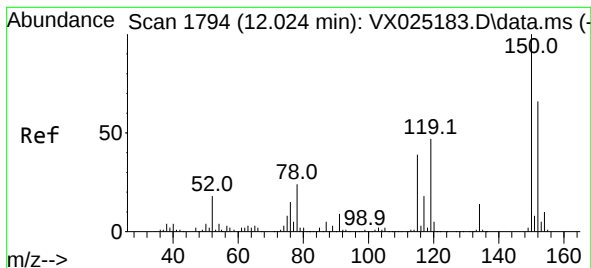
Tgt Ion: 95 Resp: 76236
Ion Ratio Lower Upper
95 100
174 85.5 0.0 158.0
176 83.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

Tgt Ion: 117 Resp: 164351
Ion Ratio Lower Upper
117 100
82 53.1 44.6 67.0
119 32.3 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025292.D

Acq: 23 Nov 2021 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBL02

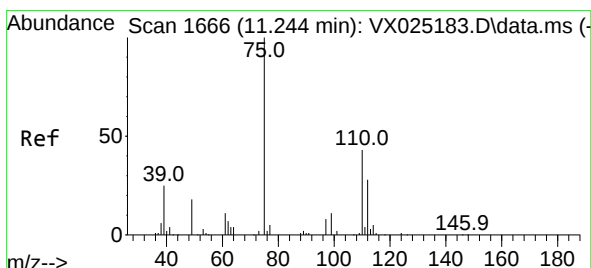
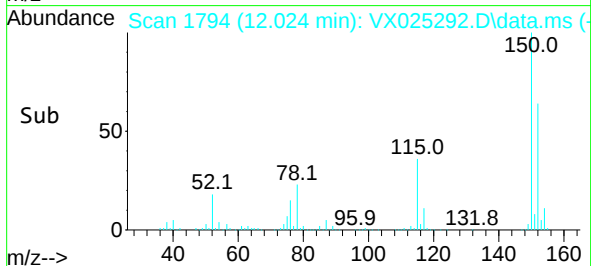
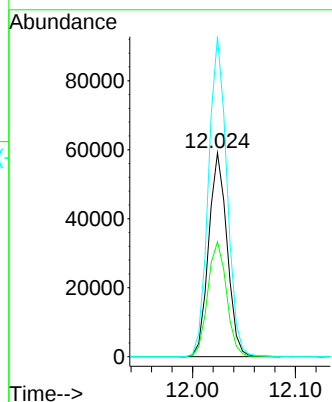
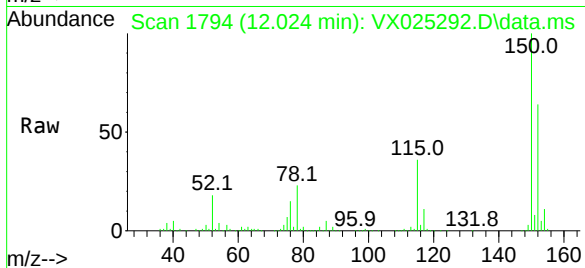
Tgt Ion:152 Resp: 73587

Ion Ratio Lower Upper

152 100

115 57.7 43.3 129.8

150 157.2 0.0 351.2



#76

1,2,3-Trichloropropane

Concen: 24.444 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX025292.D

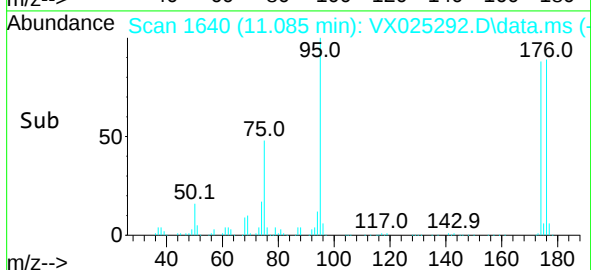
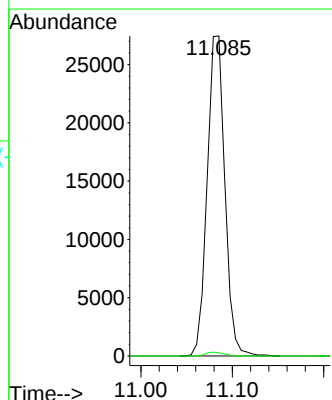
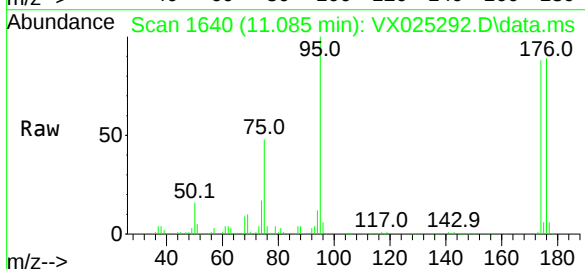
Acq: 23 Nov 2021 22:28

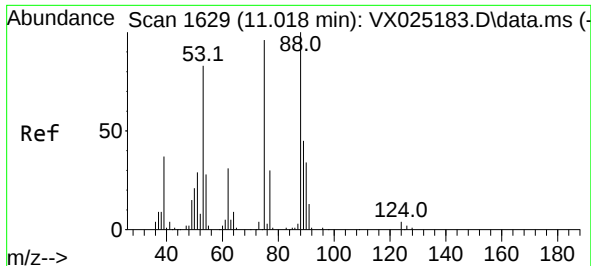
Tgt Ion: 75 Resp: 36835

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#

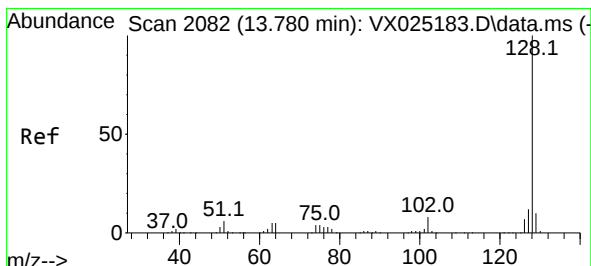
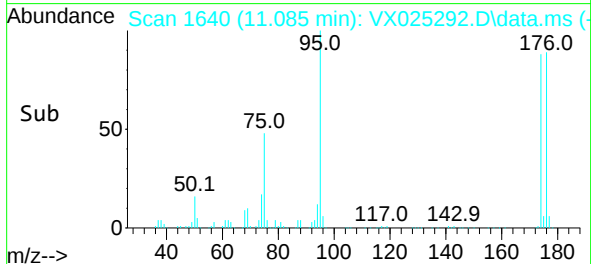
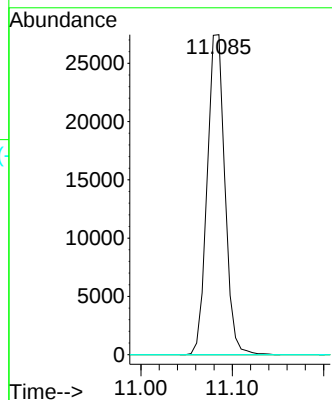
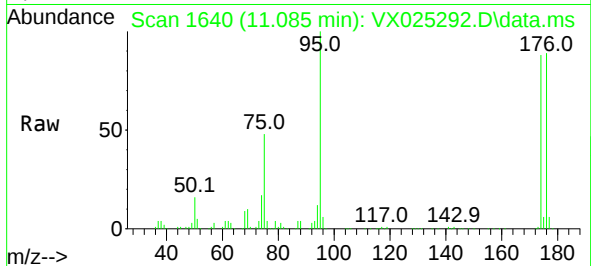




#81
trans-1,4-Dichloro-2-butene
Concen: 61.579 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBL02

Tgt Ion: 75 Resp: 36835
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025292.D
Acq: 23 Nov 2021 22:28

Tgt Ion: 128 Resp: 283
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

