

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025472.D
 Acq On : 03 Dec 2021 11:05
 Operator : JC/MD
 Sample : VX1203WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 06:46:42 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)

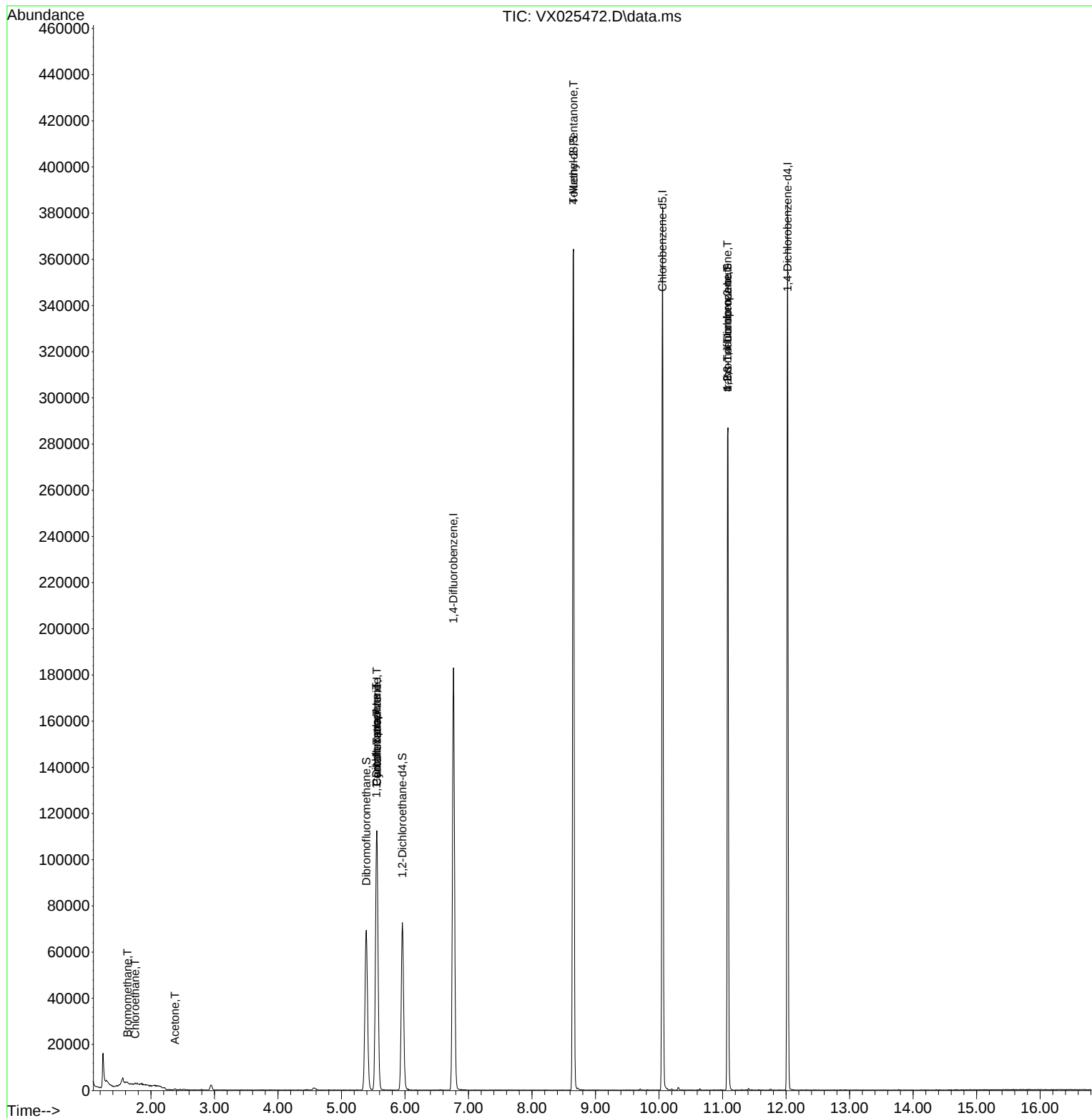
Internal Standards						
1) Pentafluorobenzene	5.556	168	113738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67864	56.606	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.220%	
35) Dibromofluoromethane	5.391	113	60221	50.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.320%	
50) Toluene-d8	8.653	98	225103	49.865	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	11.079	95	78991	46.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.500%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	263	0.456	ug/l #	55
6) Chloroethane	1.752	64	263	0.284	ug/l #	78
11) Tert butyl alcohol	2.947	59	1450	Below Cal	#	72
16) Acetone	2.380	43	519	0.779	ug/l	98
31) Cyclohexane	5.556	56	2033	1.097	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7916	4.637	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10995	5.847	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	958	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37899	22.988	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37899	57.912	ug/l #	9
95) Naphthalene	13.780	128	221	Below Cal	#	69

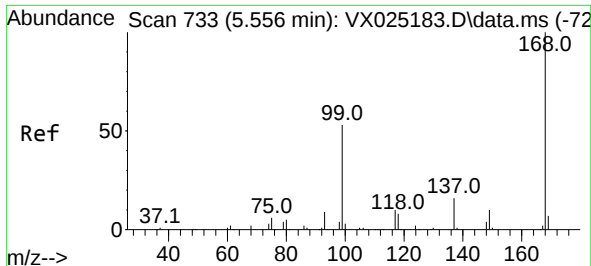
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Dec 04 06:46:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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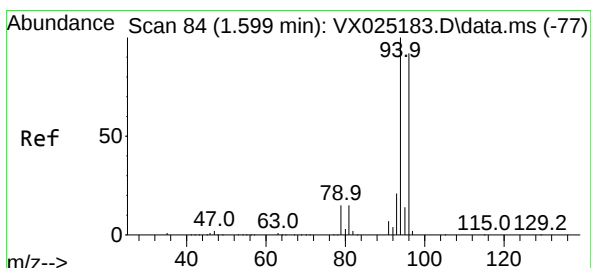
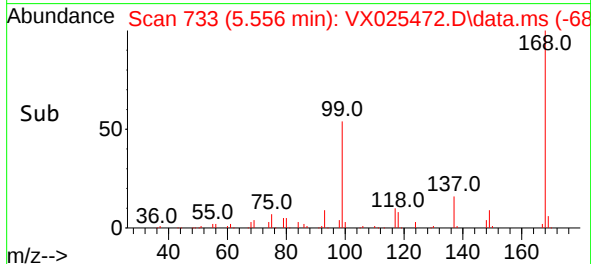
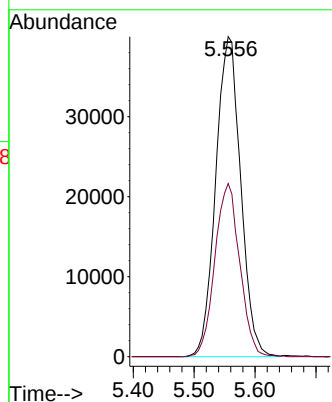
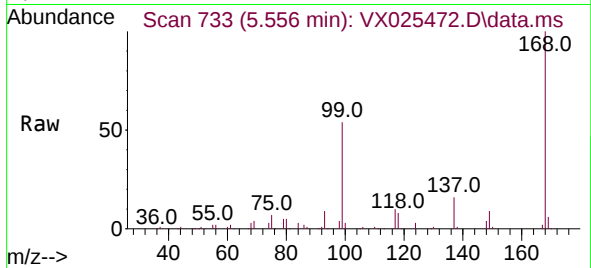




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

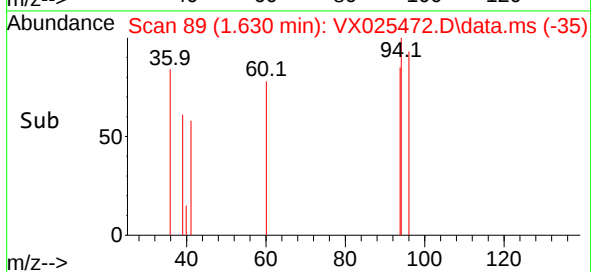
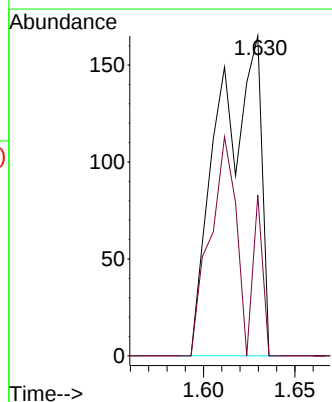
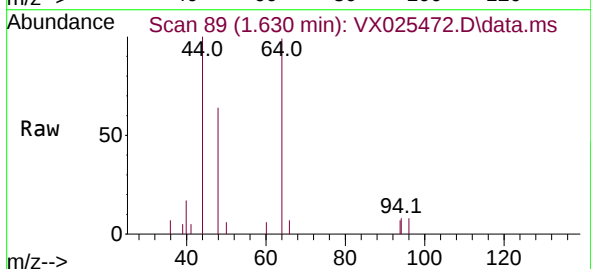
Instrument :
MSVOA_X
ClientSampleId :

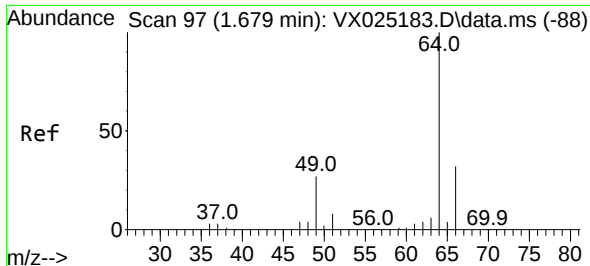
Tgt Ion:168 Resp: 113738
Ion Ratio Lower Upper
168 100
99 54.1 46.4 69.6



#5
Bromomethane
Concen: 0.456 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

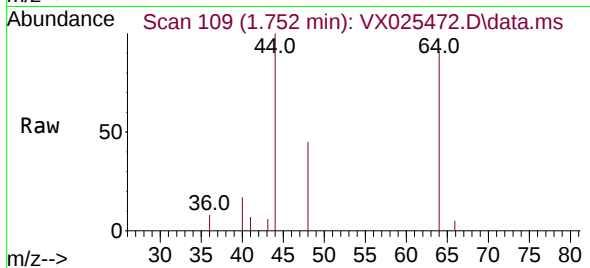
Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 50.3 74.8 112.2#



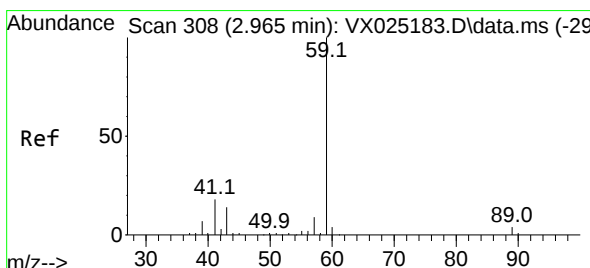
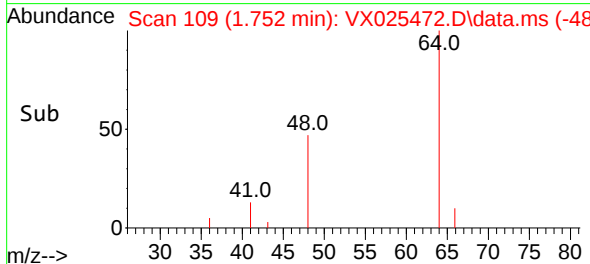
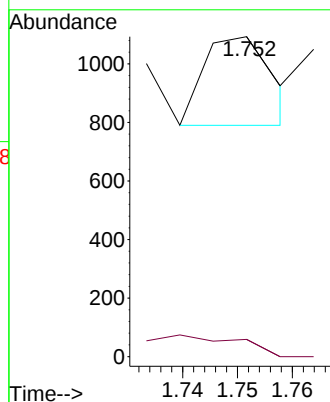


#6
Chloroethane
Concen: 0.284 ug/l
RT: 1.752 min Scan# 109
Delta R.T. 0.073 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

Instrument :
MSVOA_X
ClientSampleId :

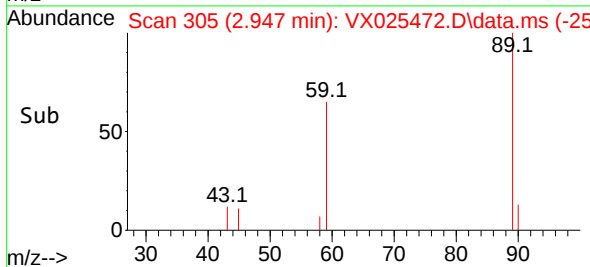
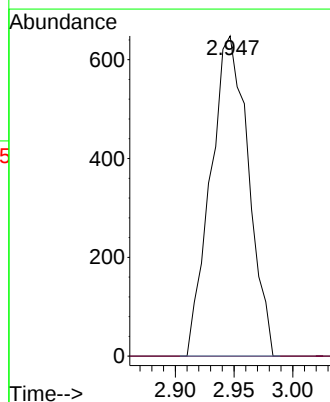
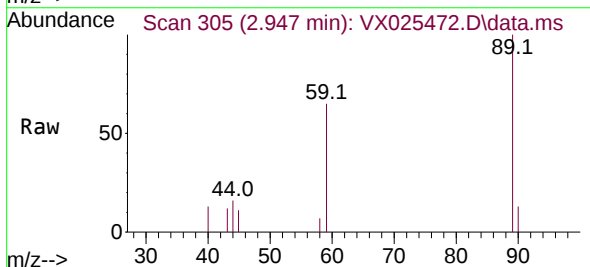


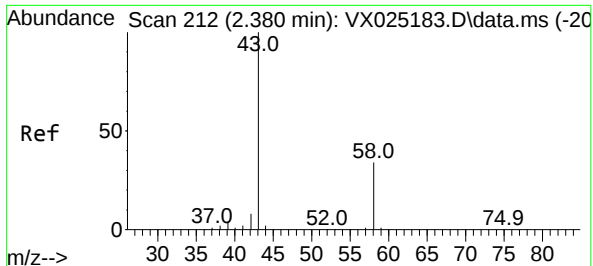
Tgt Ion: 64 Resp: 263
Ion Ratio Lower Upper
64 100
66 19.5 25.6 38.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

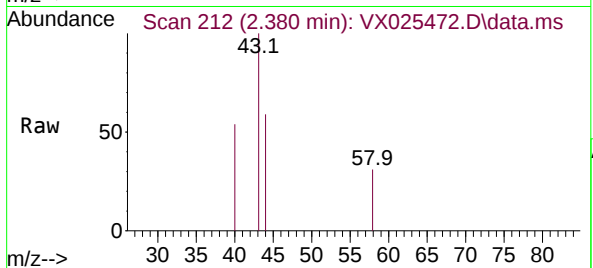
Tgt Ion: 59 Resp: 1450
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



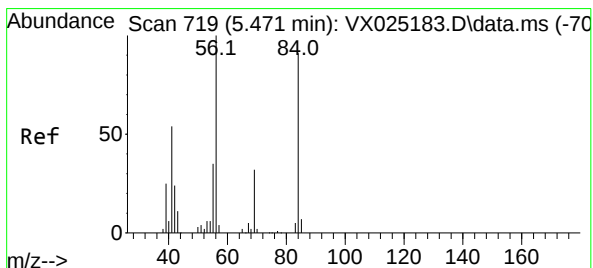
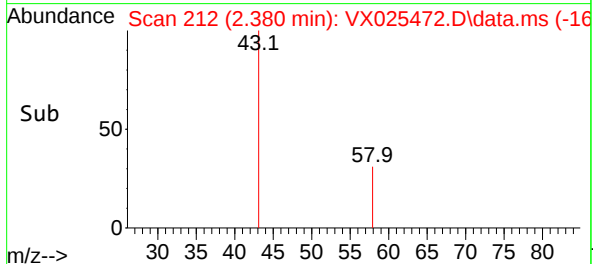
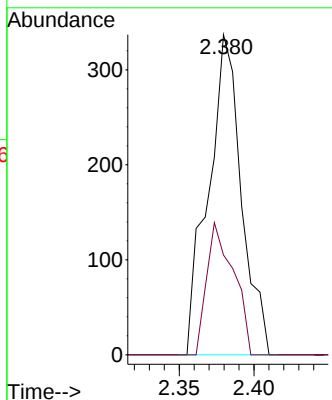


#16
Acetone
Concen: 0.779 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

Instrument :
MSVOA_X
ClientSampleId :

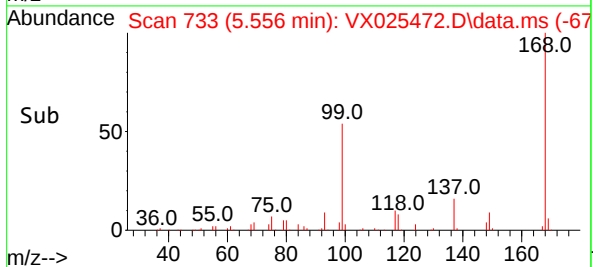
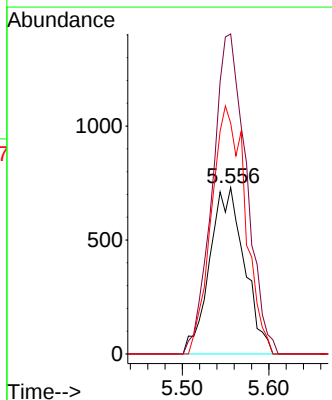
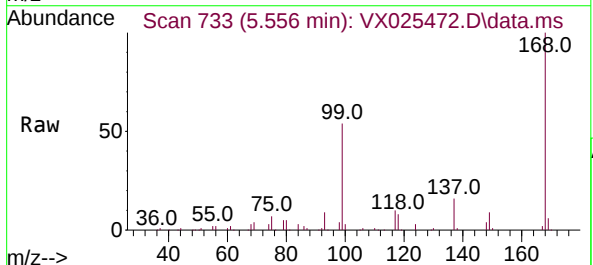


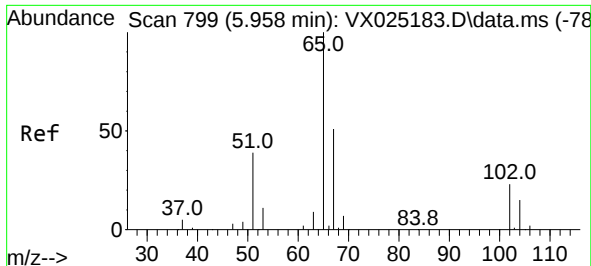
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
58 31.2 24.0 36.0



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

Tgt Ion: 56 Resp: 2033
Ion Ratio Lower Upper
56 100
69 192.3 24.2 36.2#
84 138.6 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 56.606 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025472.D

Acq: 03 Dec 2021 11:05

Instrument :

MSVOA_X

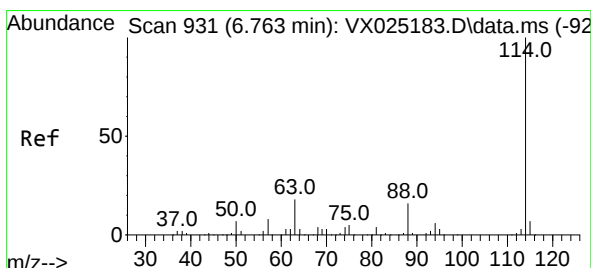
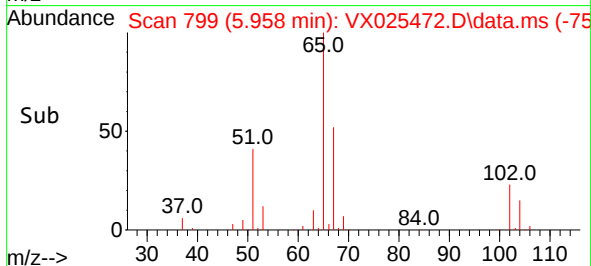
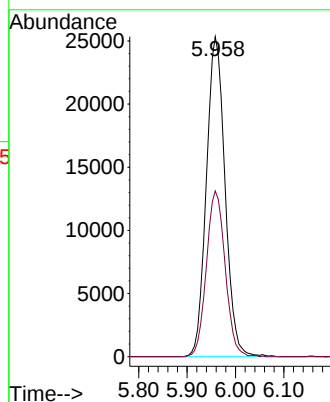
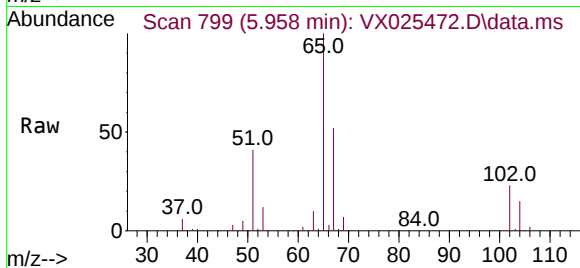
ClientSampleId :

Tgt Ion: 65 Resp: 67864

Ion Ratio Lower Upper

65 100

67 52.1 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: VX025472.D

Acq: 03 Dec 2021 11:05

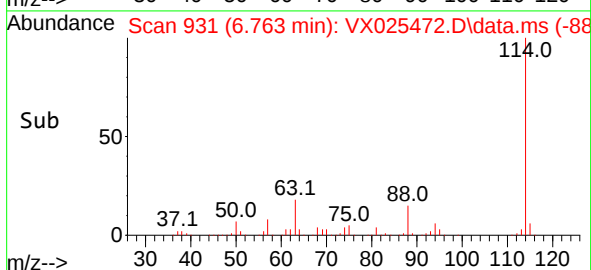
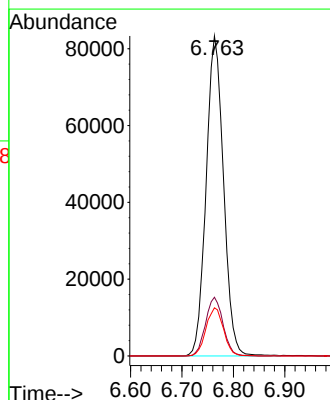
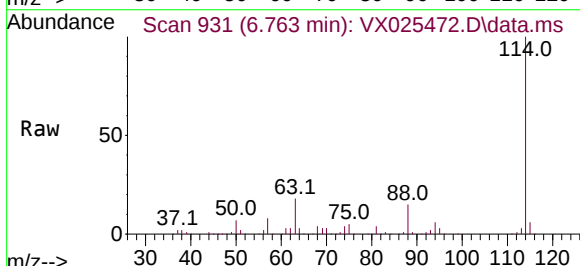
Tgt Ion: 114 Resp: 195683

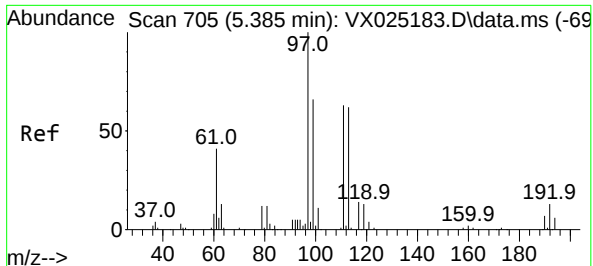
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.157 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

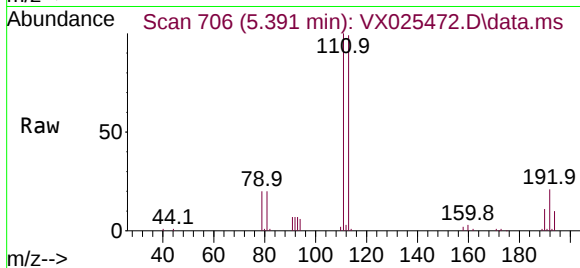
Lab File: VX025472.D

Acq: 03 Dec 2021 11:05

Instrument :

MSVOA_X

ClientSampleId :



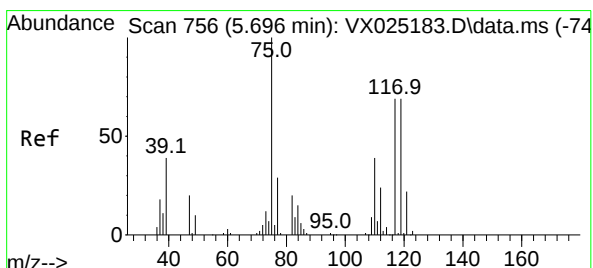
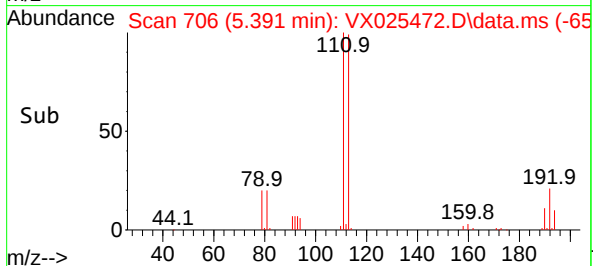
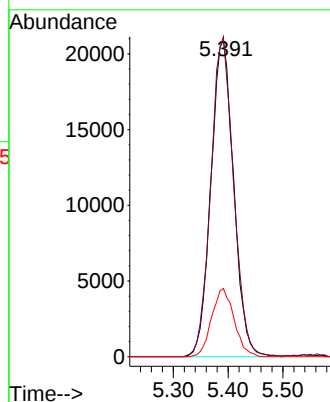
Tgt Ion:113 Resp: 60221

Ion Ratio Lower Upper

113 100

111 101.2 82.1 123.1

192 21.3 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.637 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025472.D

Acq: 03 Dec 2021 11:05

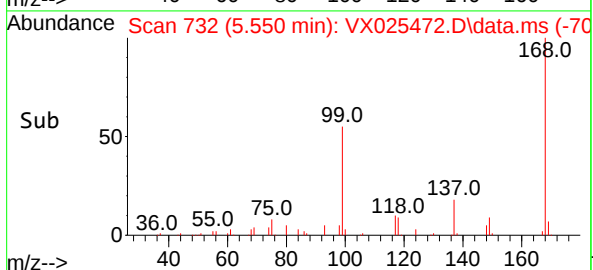
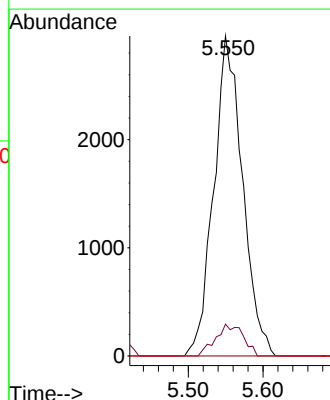
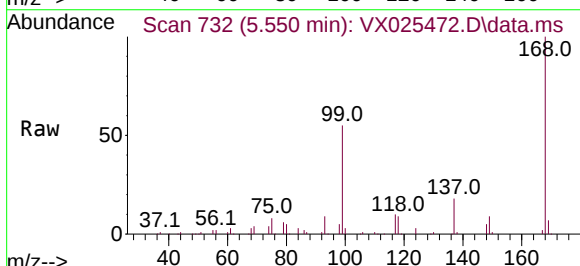
Tgt Ion: 75 Resp: 7916

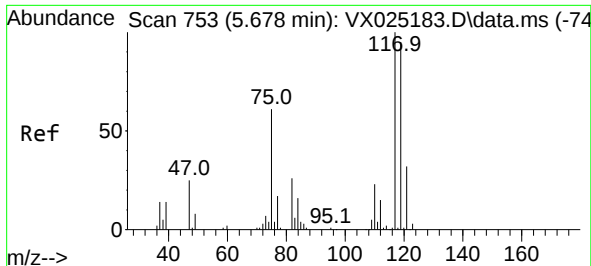
Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.3#

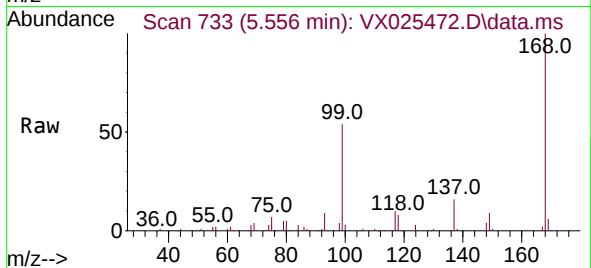
77 0.0 24.4 36.6#



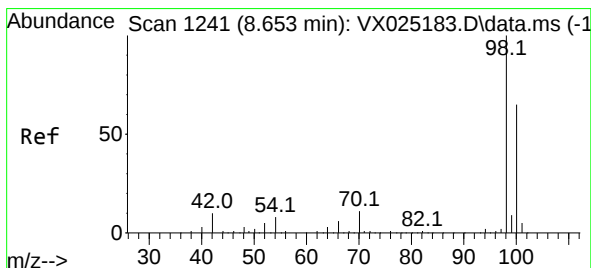
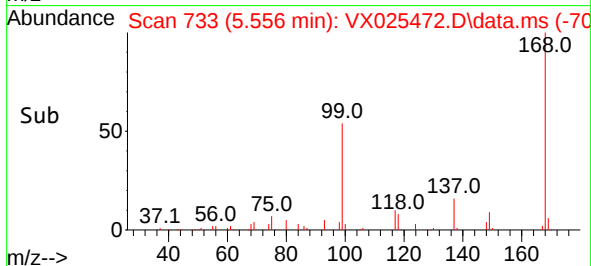
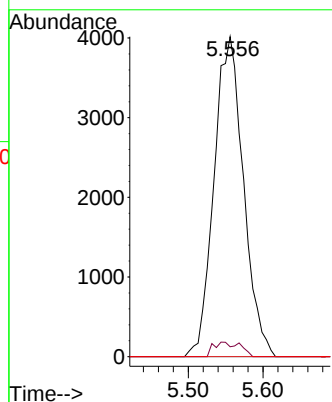


#38
Carbon Tetrachloride
Concen: 5.847 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

Instrument :
MSVOA_X
ClientSampleId :

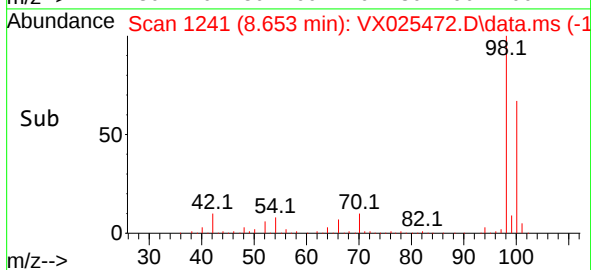
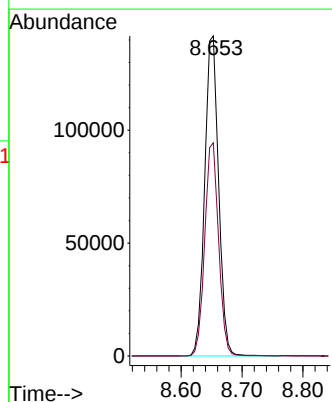
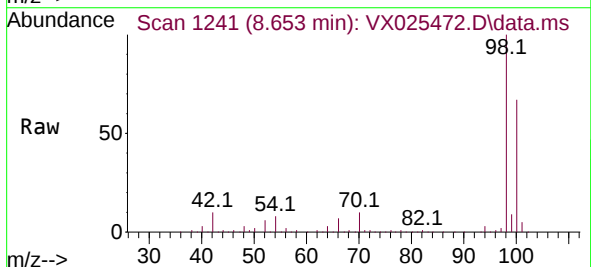


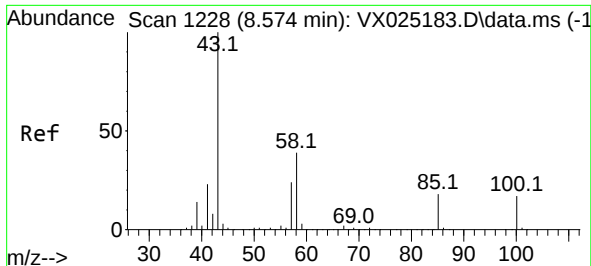
Tgt Ion:117 Resp: 10995
Ion Ratio Lower Upper
117 100
119 3.1 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.865 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

Tgt Ion: 98 Resp: 225103
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0

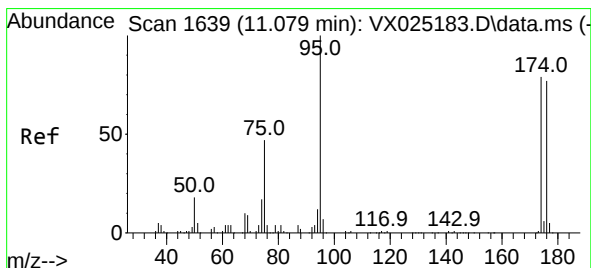
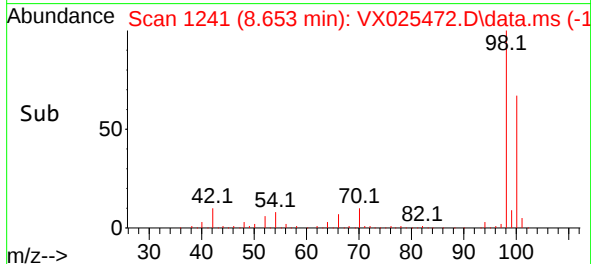
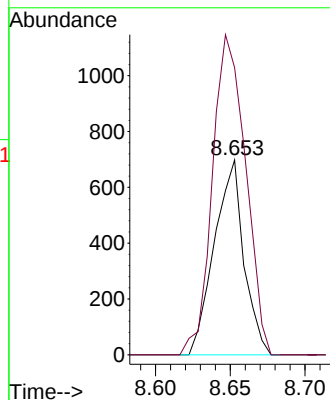
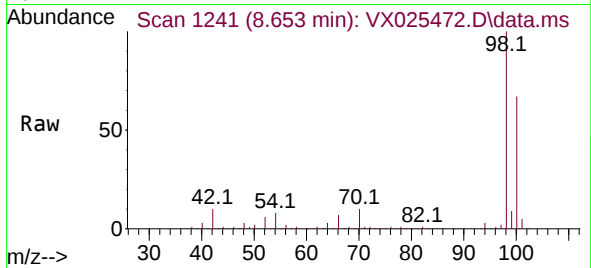




#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

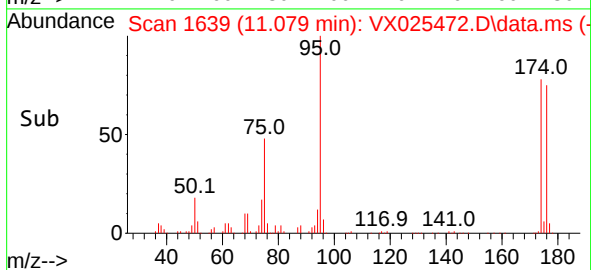
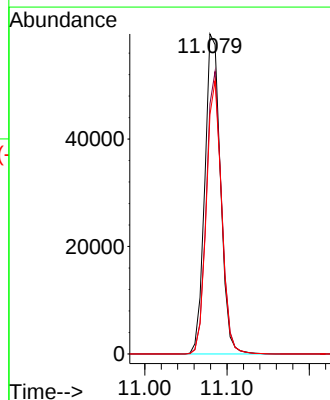
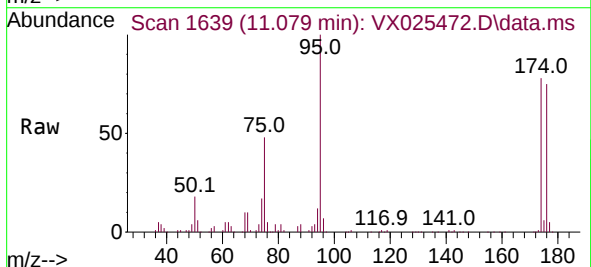
Instrument :
MSVOA_X
ClientSampleId :

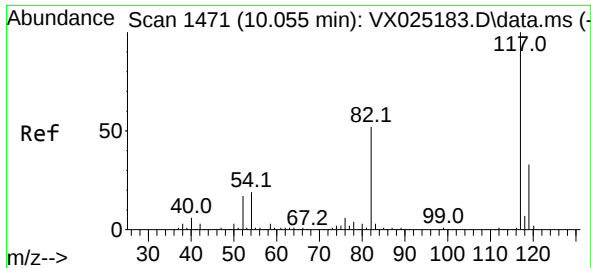
Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
58 184.6 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 46.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

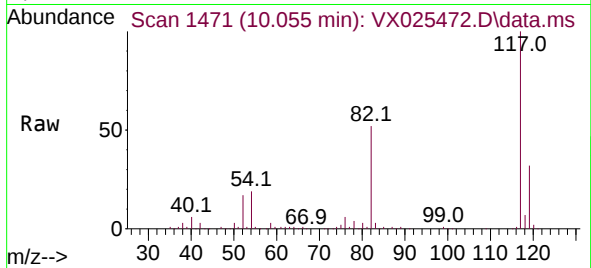
Tgt Ion: 95 Resp: 78991
Ion Ratio Lower Upper
95 100
174 85.4 0.0 158.0
176 82.9 0.0 153.6



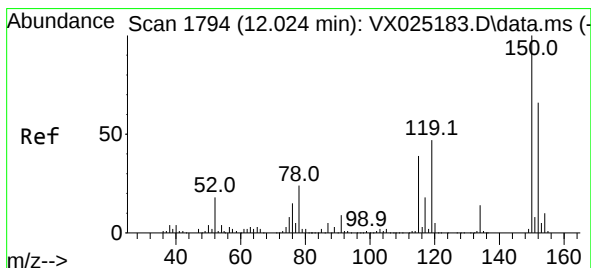
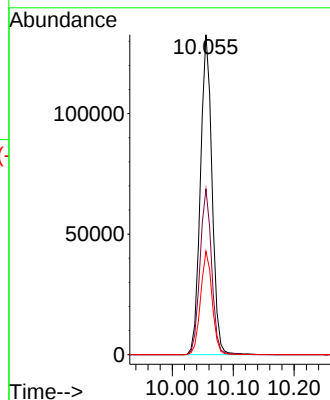
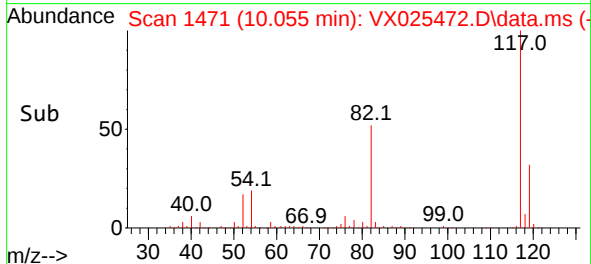


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

Instrument :
MSVOA_X
ClientSampleId :

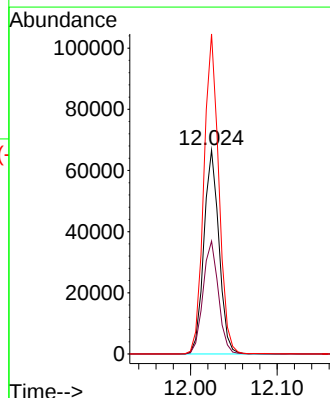
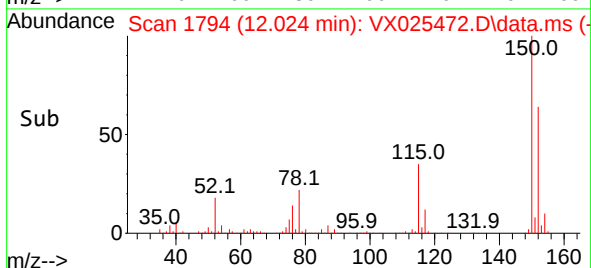
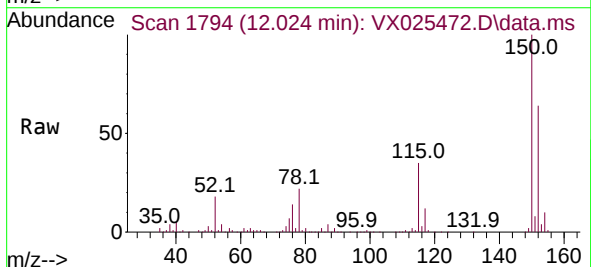


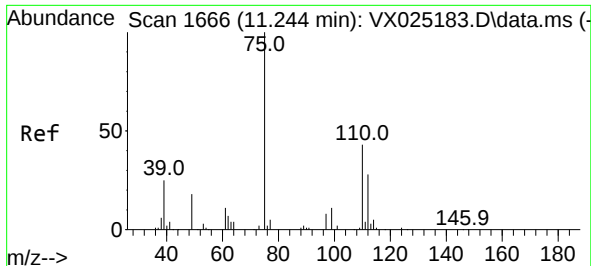
Tgt Ion:117 Resp: 176025
Ion Ratio Lower Upper
117 100
82 51.8 44.6 67.0
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

Tgt Ion:152 Resp: 80507
Ion Ratio Lower Upper
152 100
115 56.2 43.3 129.8
150 155.6 0.0 351.2

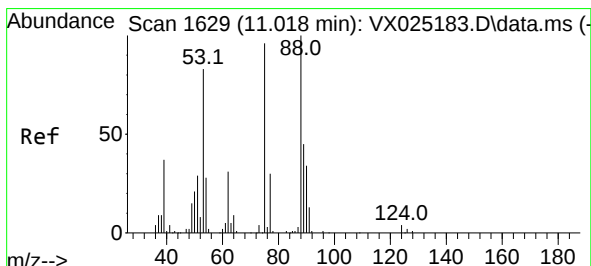
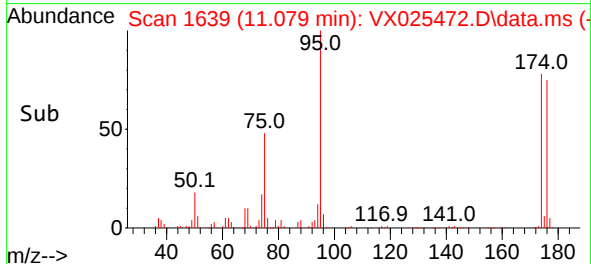
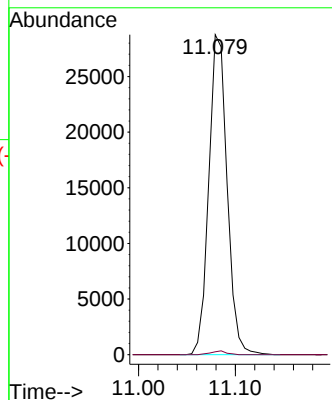
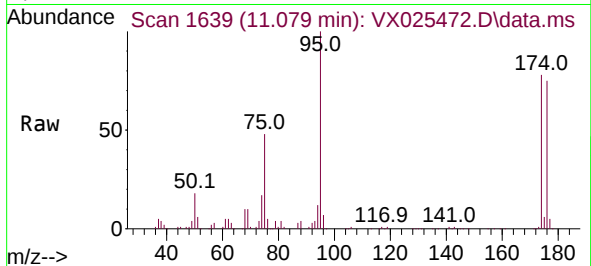




#76
1,2,3-Trichloropropane
Concen: 22.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

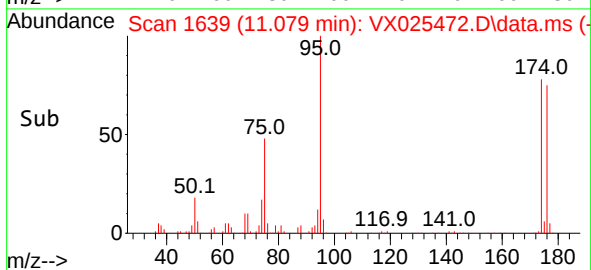
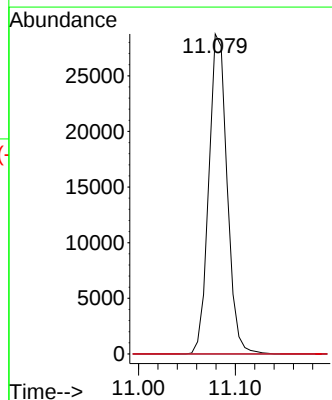
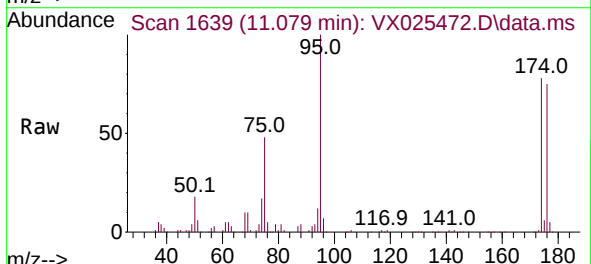
Instrument :
MSVOA_X
ClientSampleId :

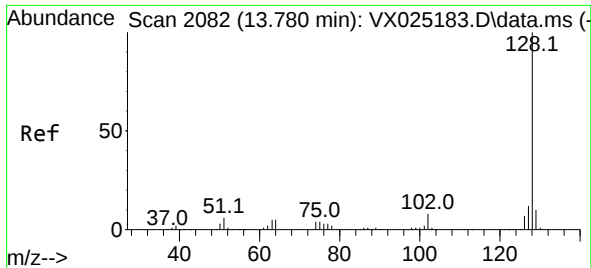
Tgt Ion: 75 Resp: 37899
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025472.D
Acq: 03 Dec 2021 11:05

Tgt Ion: 75 Resp: 37899
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: 13.780 min Scan# 20

Delta R.T. 0.000 min

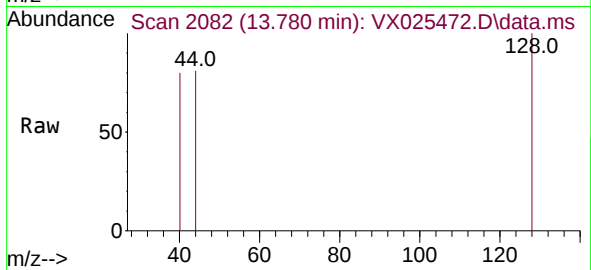
Lab File: VX025472.D

Acq: 03 Dec 2021 11:05

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 221

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

