

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025480.D
 Acq On : 03 Dec 2021 14:22
 Operator : JC/MD
 Sample : M4917-12DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DL

Quant Time: Dec 04 06:49:40 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)

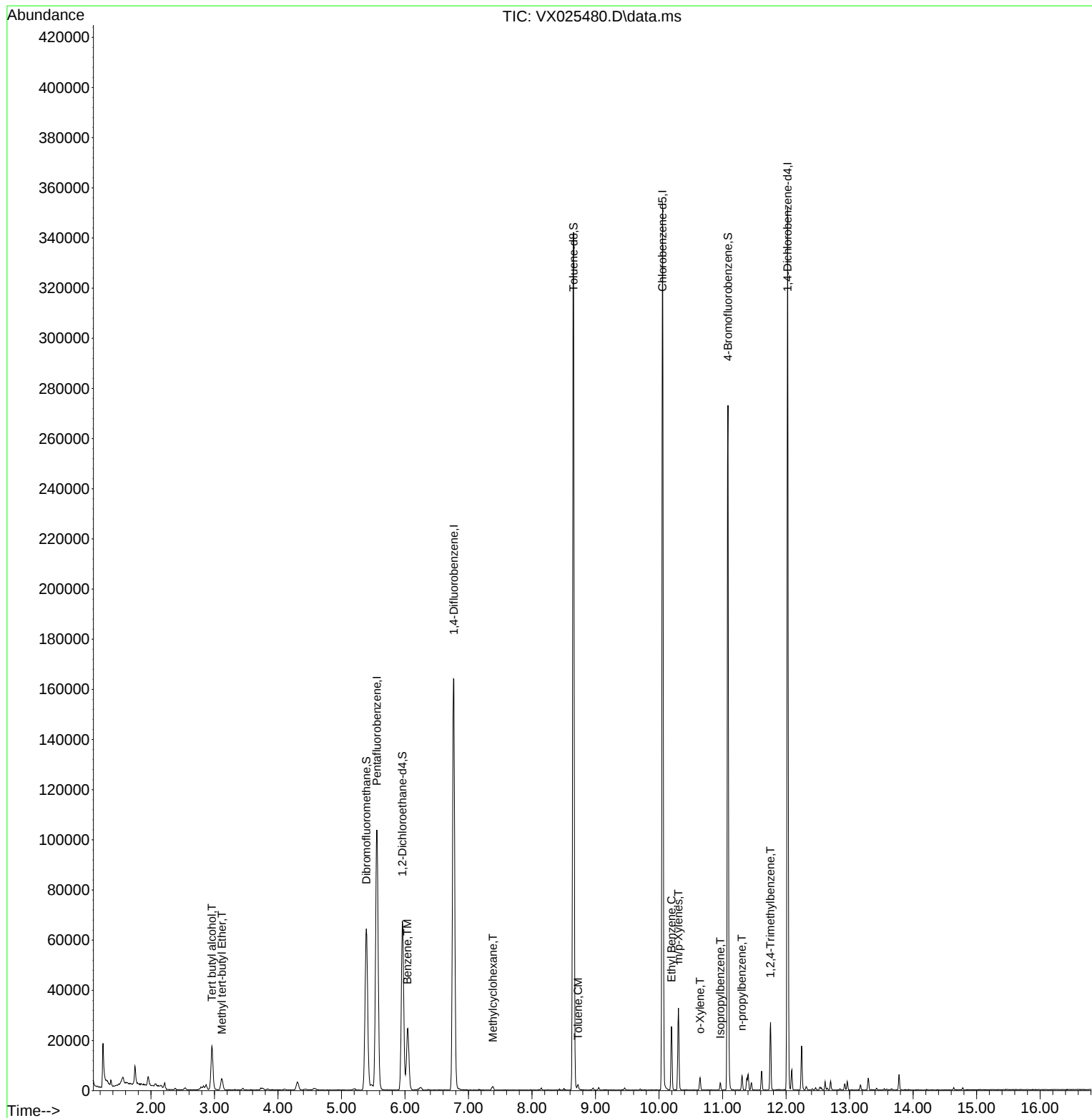
Internal Standards						
1) Pentafluorobenzene	5.556	168	106727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	181575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62411	55.478	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.960%	
35) Dibromofluoromethane	5.391	113	55607	49.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.820%	
50) Toluene-d8	8.653	98	209001	49.895	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	11.085	95	73182	46.181	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.360%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	20435	66.885	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	4411	1.280	ug/l #	79
39) Methylcyclohexane	7.385	83	653	0.321	ug/l #	72
40) Benzene	6.037	78	29989	6.249	ug/l	98
52) Toluene	8.726	92	924	0.295	ug/l	87
67) Ethyl Benzene	10.195	91	14869	2.586	ug/l	99
68) m/p-Xylenes	10.305	106	8046	3.427	ug/l	96
69) o-Xylene	10.646	106	1135	0.494	ug/l	98
73) Isopropylbenzene	10.963	105	1706	0.323	ug/l	91
78) n-propylbenzene	11.305	91	4093	0.690	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	12156	2.770	ug/l	96

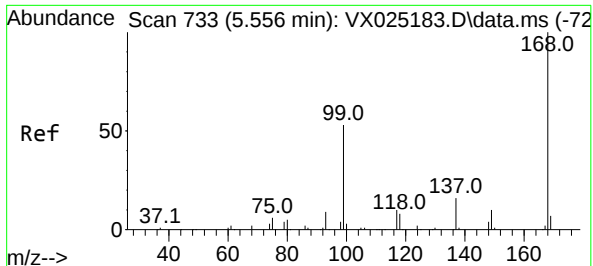
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
Data File : VX025480.D
Acq On : 03 Dec 2021 14:22
Operator : JC/MD
Sample : M4917-12DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Quant Time: Dec 04 06:49:40 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

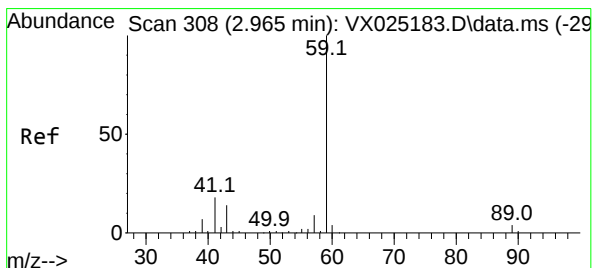
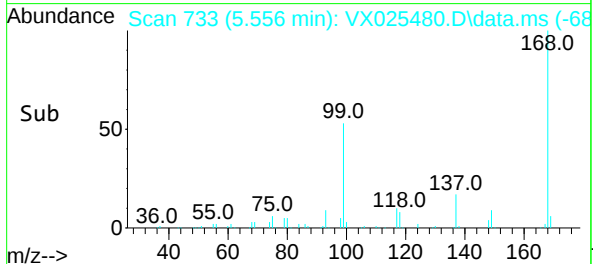
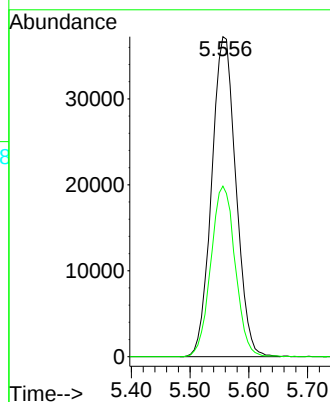
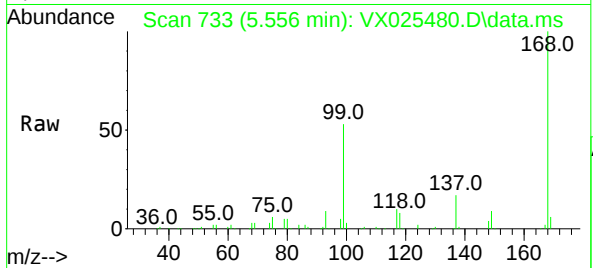




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

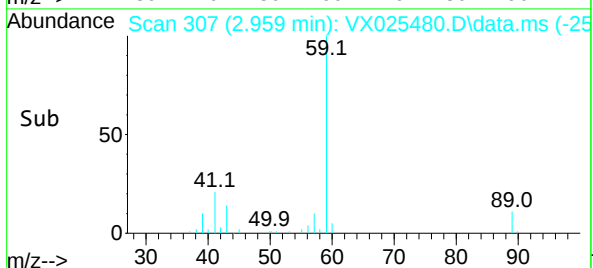
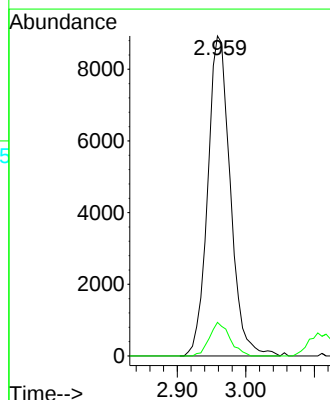
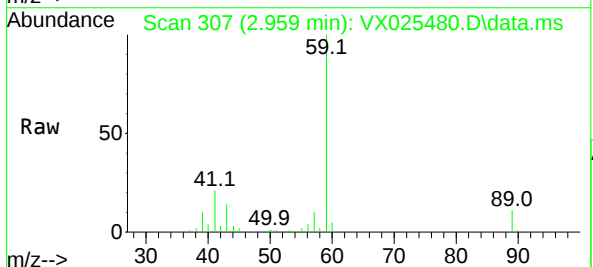
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

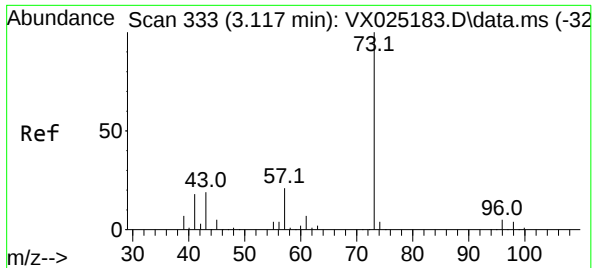
Tgt Ion:168 Resp: 106727
Ion Ratio Lower Upper
168 100
99 53.3 46.4 69.6



#11
Tert butyl alcohol
Concen: 66.885 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 59 Resp: 20435
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

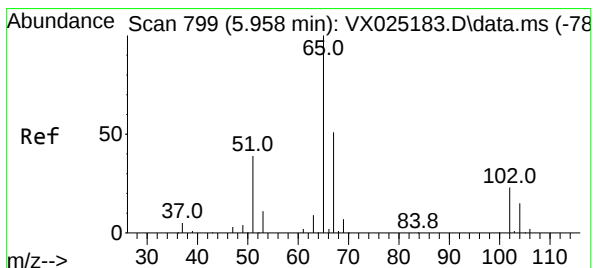
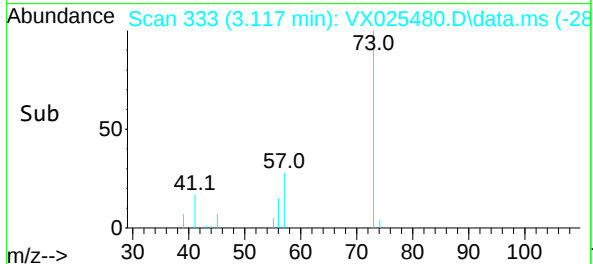
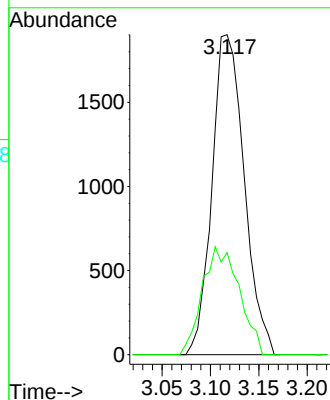
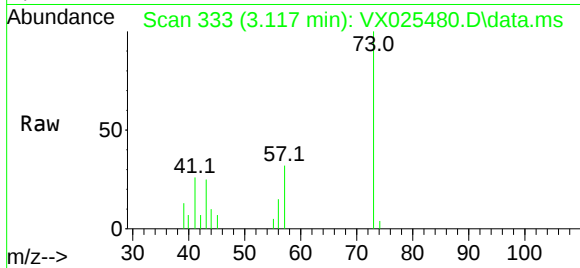




#19
Methyl tert-butyl Ether
Concen: 1.280 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

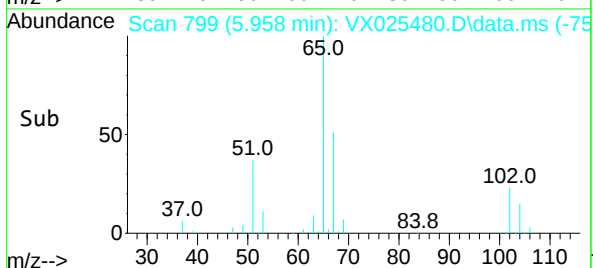
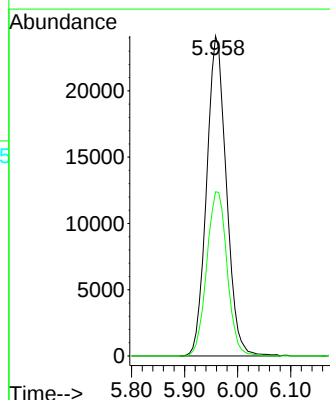
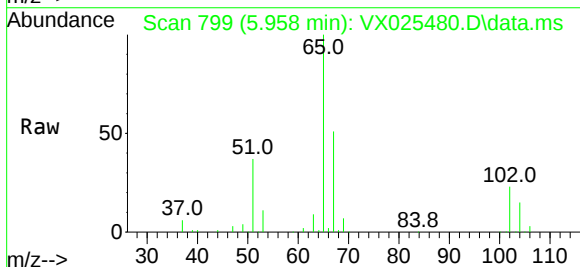
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

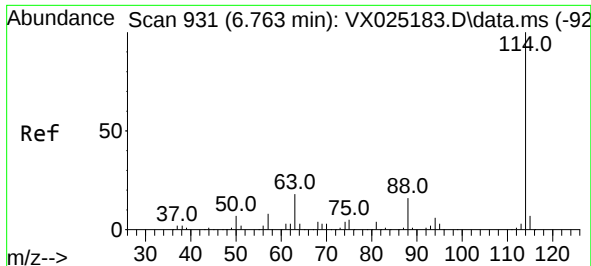
Tgt Ion: 73 Resp: 4411
Ion Ratio Lower Upper
73 100
57 31.9 17.5 26.3#



#33
1,2-Dichloroethane-d4
Concen: 55.478 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 65 Resp: 62411
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.0

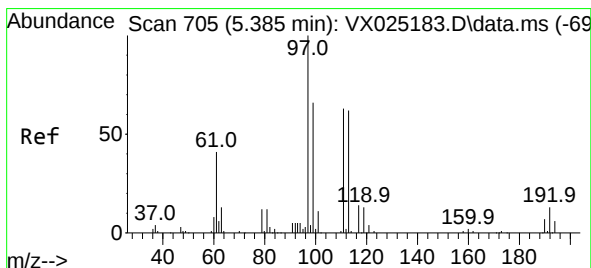
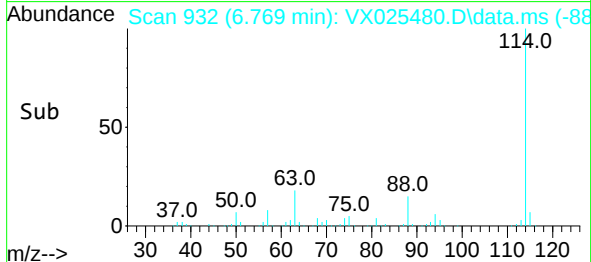
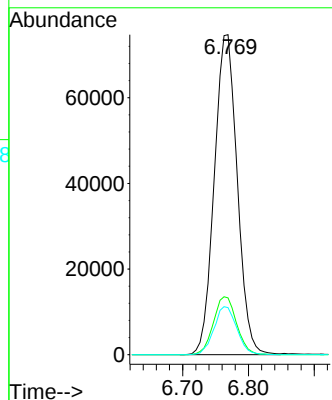
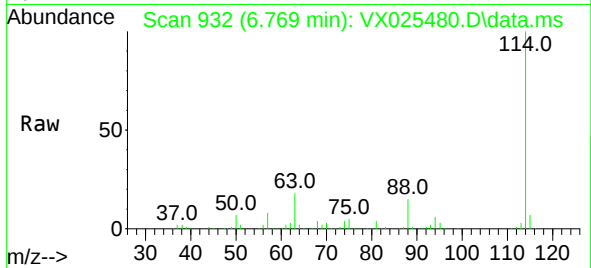




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

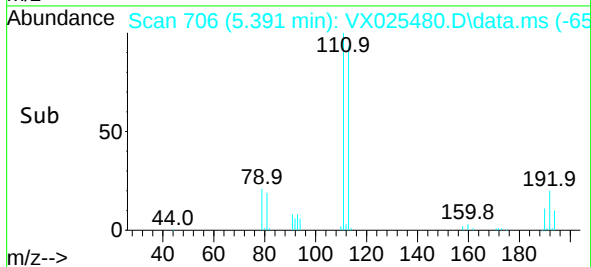
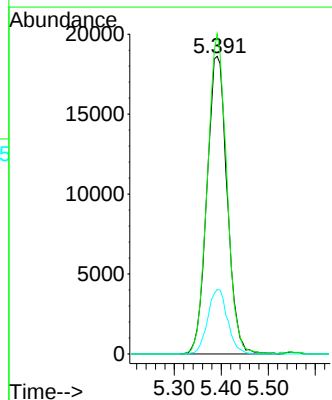
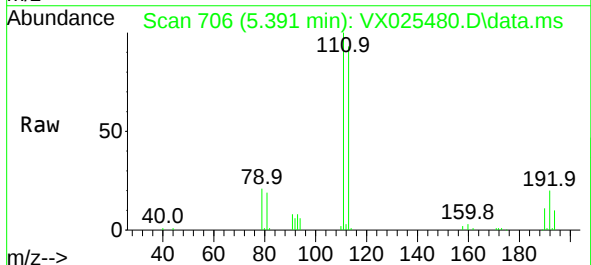
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

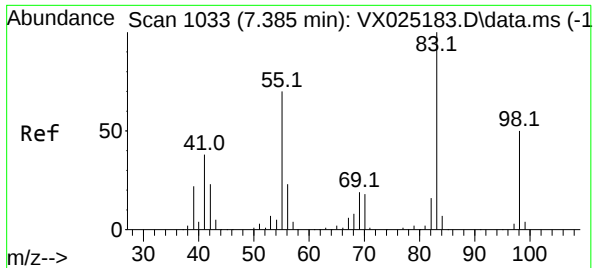
Tgt Ion:114 Resp: 181575
Ion Ratio Lower Upper
114 100
63 17.8 0.0 41.0
88 14.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.913 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion:113 Resp: 55607
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 21.2 15.6 23.4

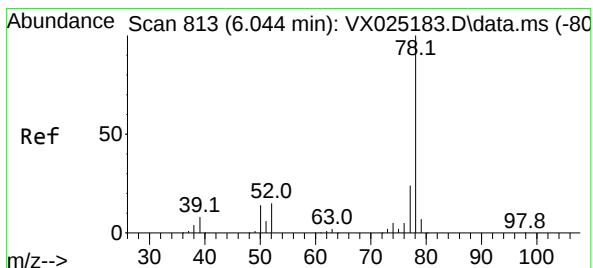
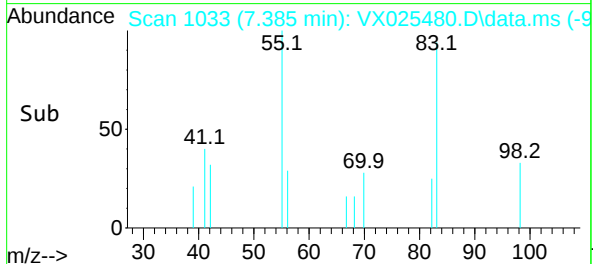
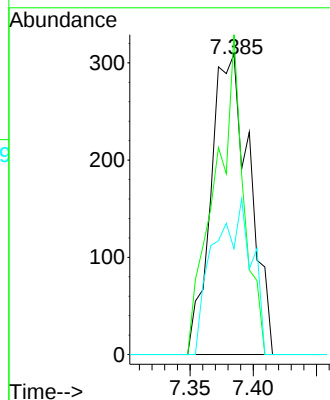
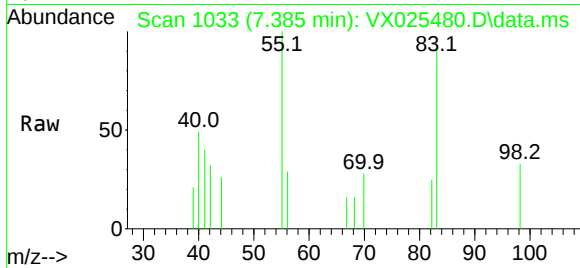




#39
Methylcyclohexane
Concen: 0.321 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

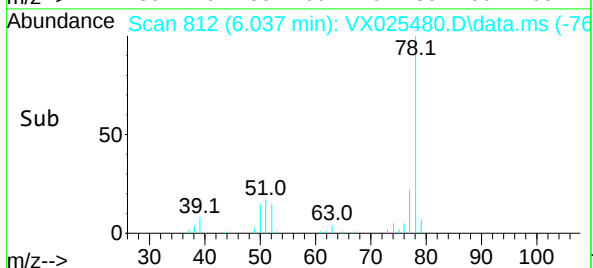
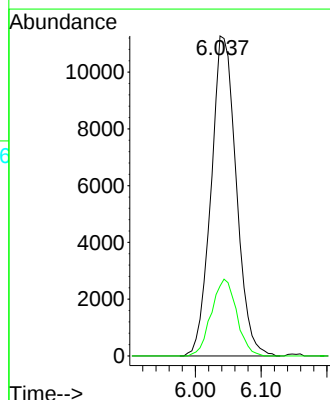
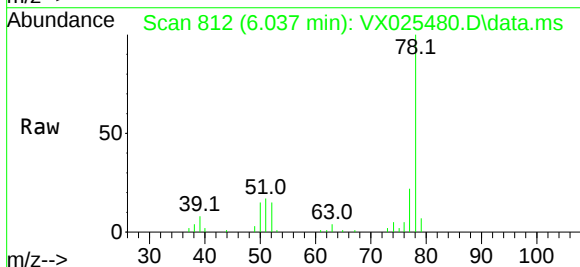
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

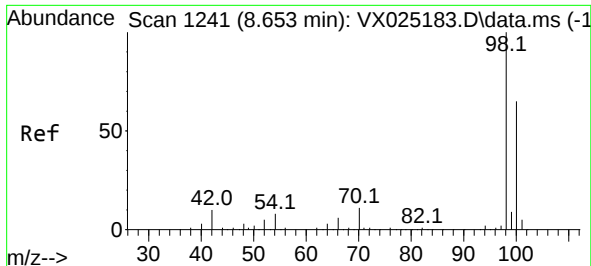
Tgt Ion: 83 Resp: 653
Ion Ratio Lower Upper
83 100
55 106.5 60.8 91.2#
98 35.3 37.0 55.4#



#40
Benzene
Concen: 6.249 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 78 Resp: 29989
Ion Ratio Lower Upper
78 100
77 21.8 18.3 27.5





#50

Toluene-d8

Concen: 49.895 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025480.D

Acq: 03 Dec 2021 14:22

Instrument :

MSVOA_X

ClientSampleId :

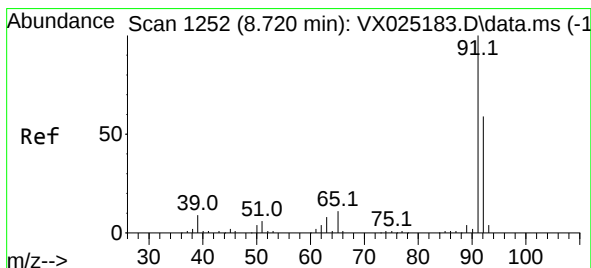
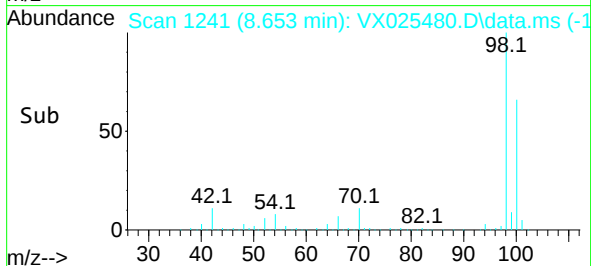
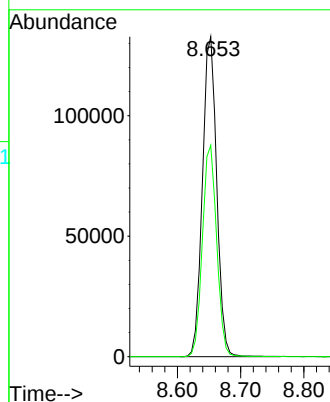
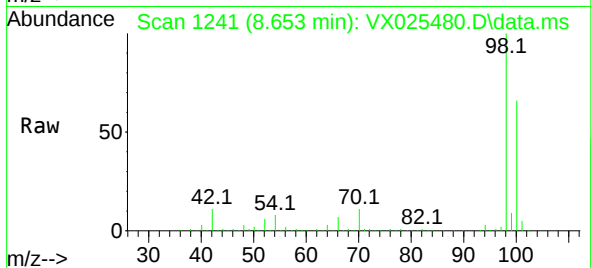
MW-28DL

Tgt Ion: 98 Resp: 209001

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.0



#52

Toluene

Concen: 0.295 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX025480.D

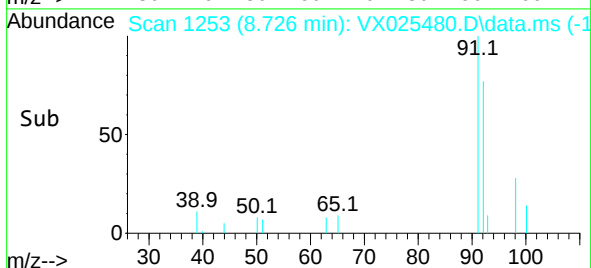
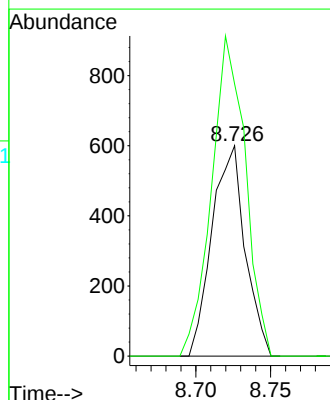
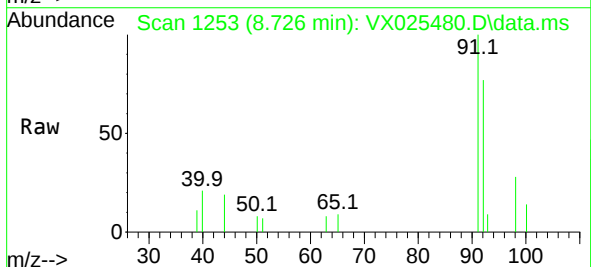
Acq: 03 Dec 2021 14:22

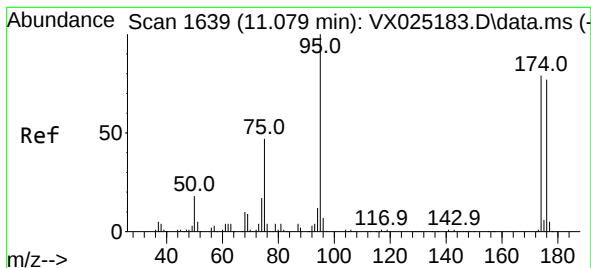
Tgt Ion: 92 Resp: 924

Ion Ratio Lower Upper

92 100

91 155.4 138.6 208.0

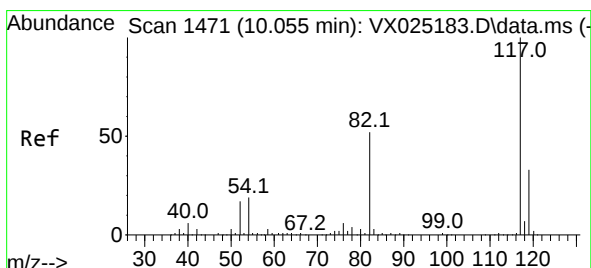
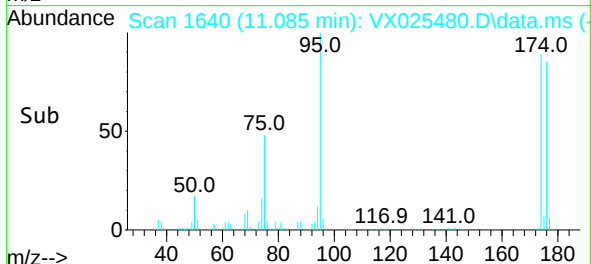
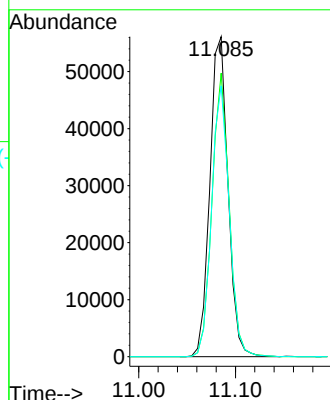
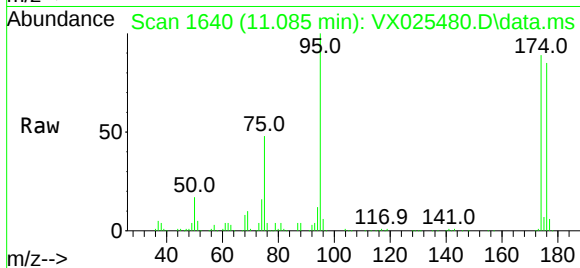




#62
4-Bromofluorobenzene
Concen: 46.181 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

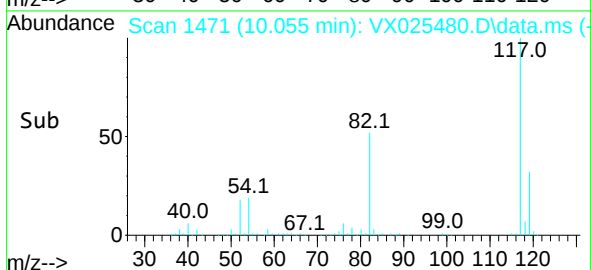
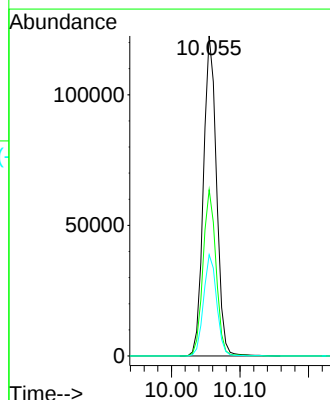
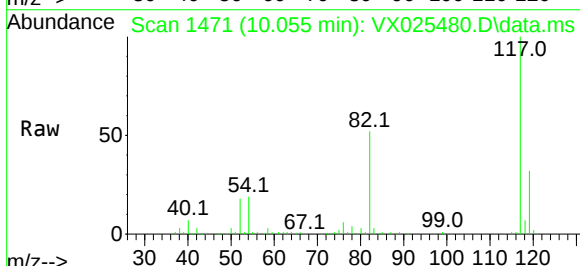
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

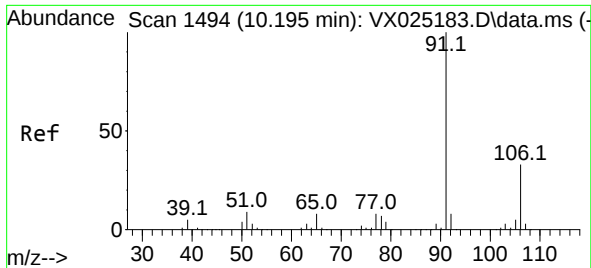
Tgt Ion: 95 Resp: 73182
Ion Ratio Lower Upper
95 100
174 83.9 0.0 158.0
176 82.5 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 117 Resp: 163246
Ion Ratio Lower Upper
117 100
82 52.0 44.6 67.0
119 31.6 24.8 37.2

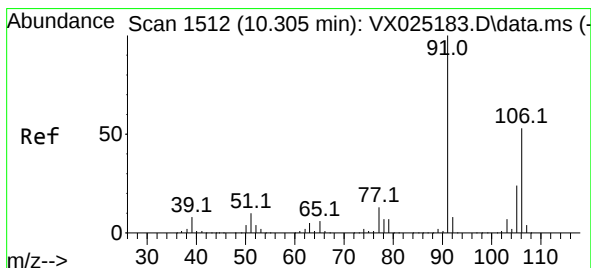
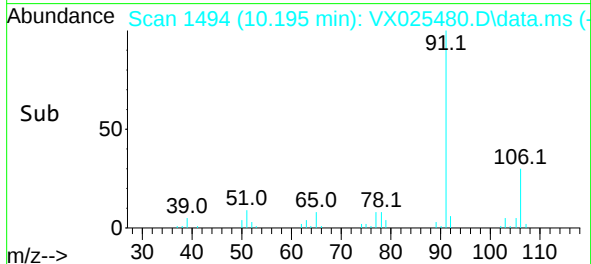
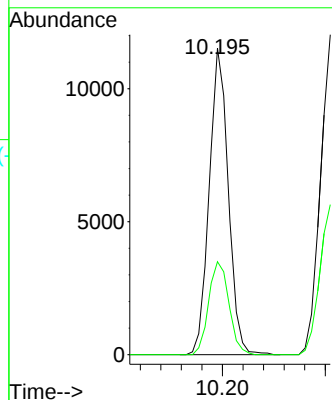
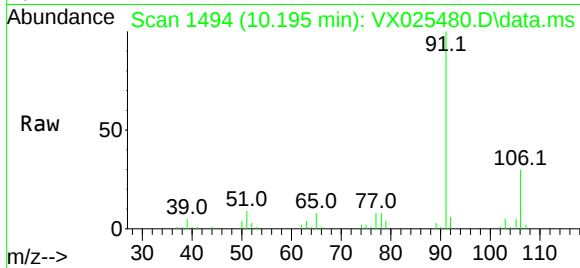




#67
Ethyl Benzene
Concen: 2.586 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

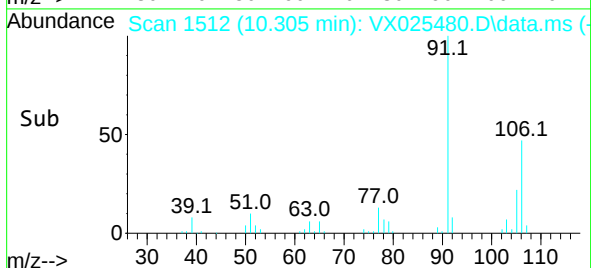
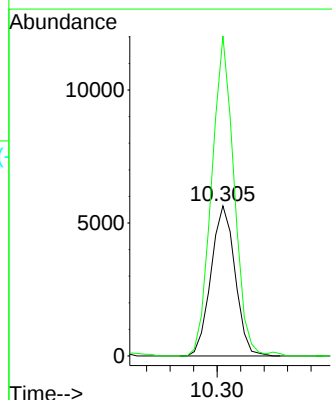
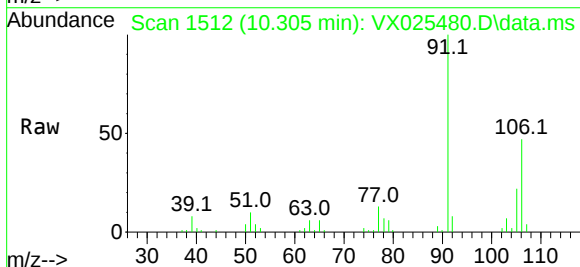
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

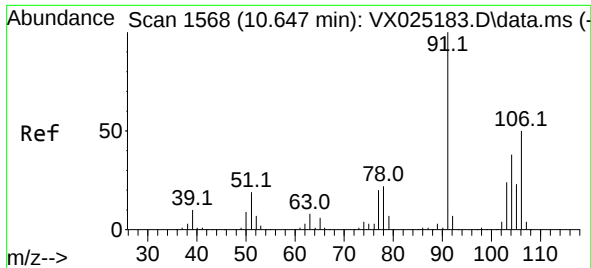
Tgt Ion: 91 Resp: 14869
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 3.427 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 106 Resp: 8046
Ion Ratio Lower Upper
106 100
91 198.5 163.4 245.0

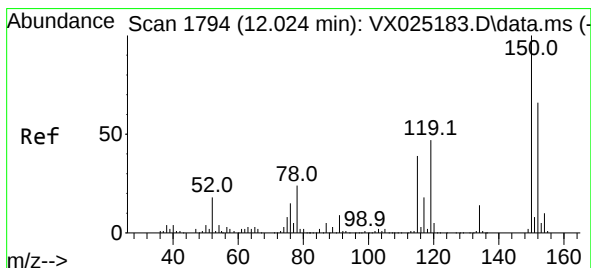
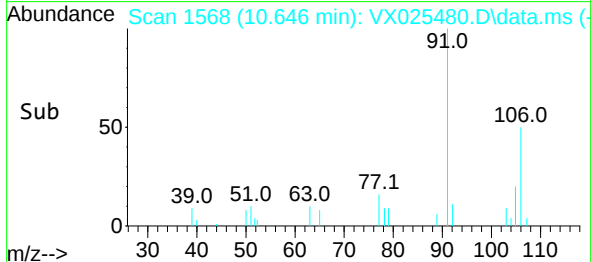
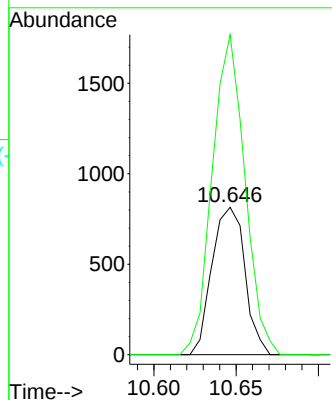
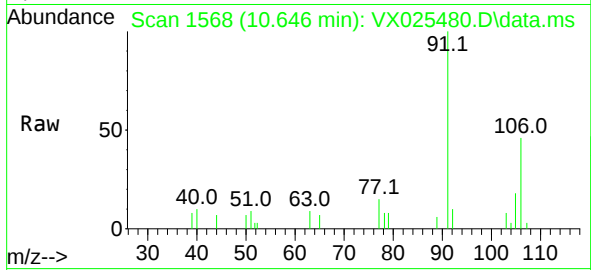




#69
o-Xylene
Concen: 0.494 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

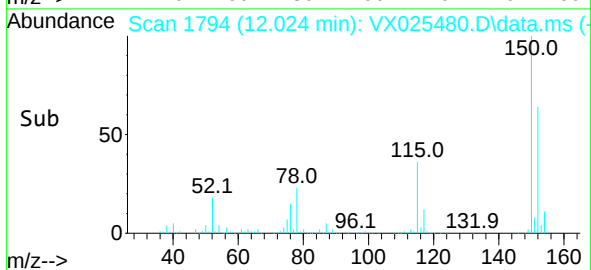
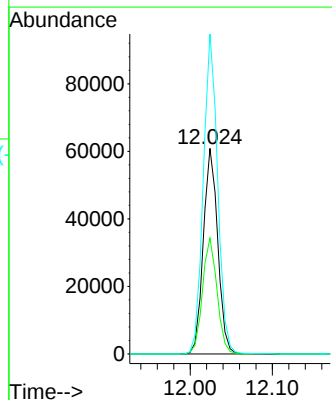
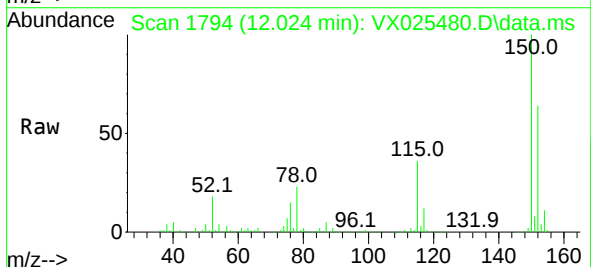
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

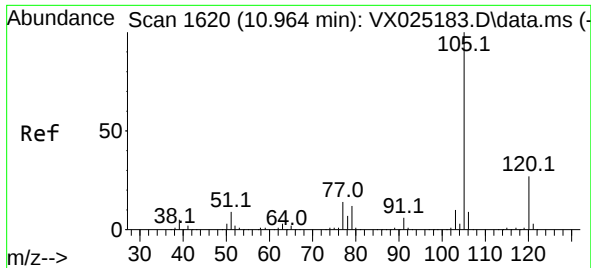
Tgt Ion:106 Resp: 1135
Ion Ratio Lower Upper
106 100
91 215.1 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion:152 Resp: 74111
Ion Ratio Lower Upper
152 100
115 56.7 43.3 129.8
150 154.6 0.0 351.2

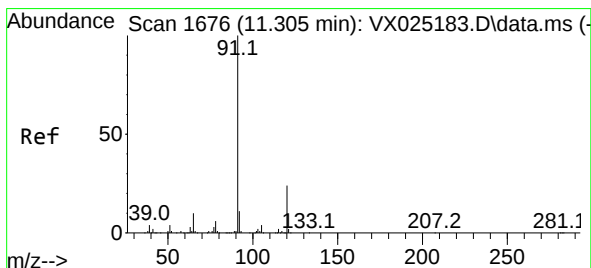
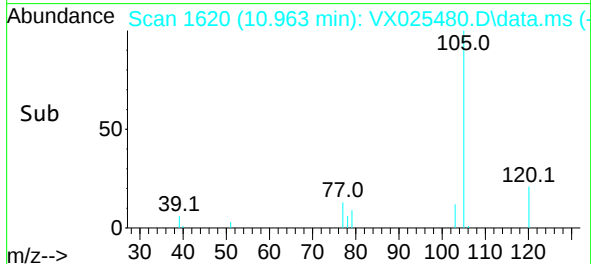
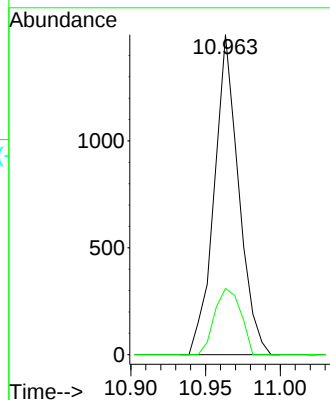
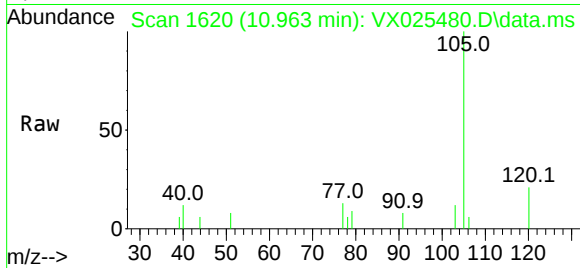




#73
Isopropylbenzene
Concen: 0.323 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

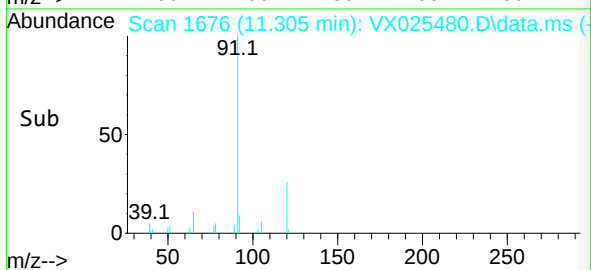
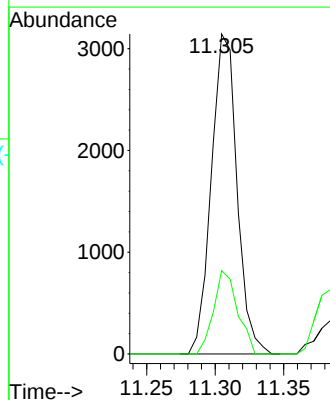
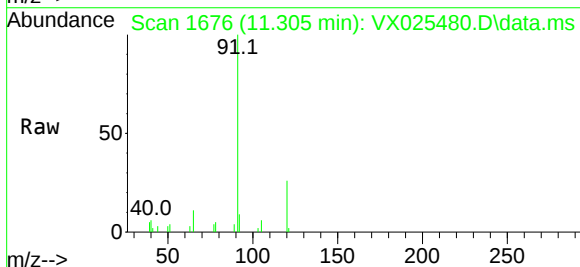
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

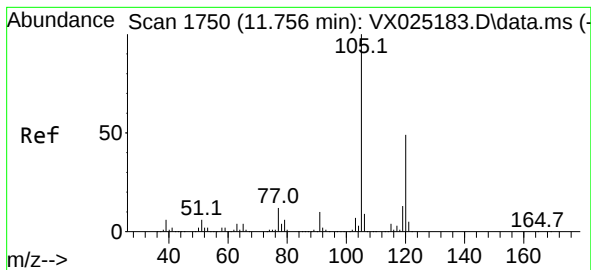
Tgt Ion:105 Resp: 1706
Ion Ratio Lower Upper
105 100
120 22.1 13.3 39.8



#78
n-propylbenzene
Concen: 0.690 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025480.D
Acq: 03 Dec 2021 14:22

Tgt Ion: 91 Resp: 4093
Ion Ratio Lower Upper
91 100
120 24.3 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 2.770 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025480.D

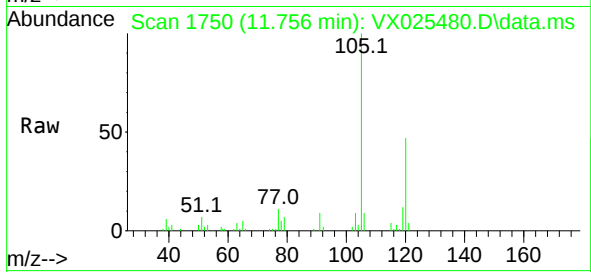
Acq: 03 Dec 2021 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-28DL



Tgt Ion:105 Resp: 12156

Ion Ratio Lower Upper

105 100

120 46.6 22.1 66.3

