

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025482.D
 Acq On : 03 Dec 2021 15:09
 Operator : JC/MD
 Sample : M4918-04DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-39DL

Quant Time: Dec 04 06:50:20 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)

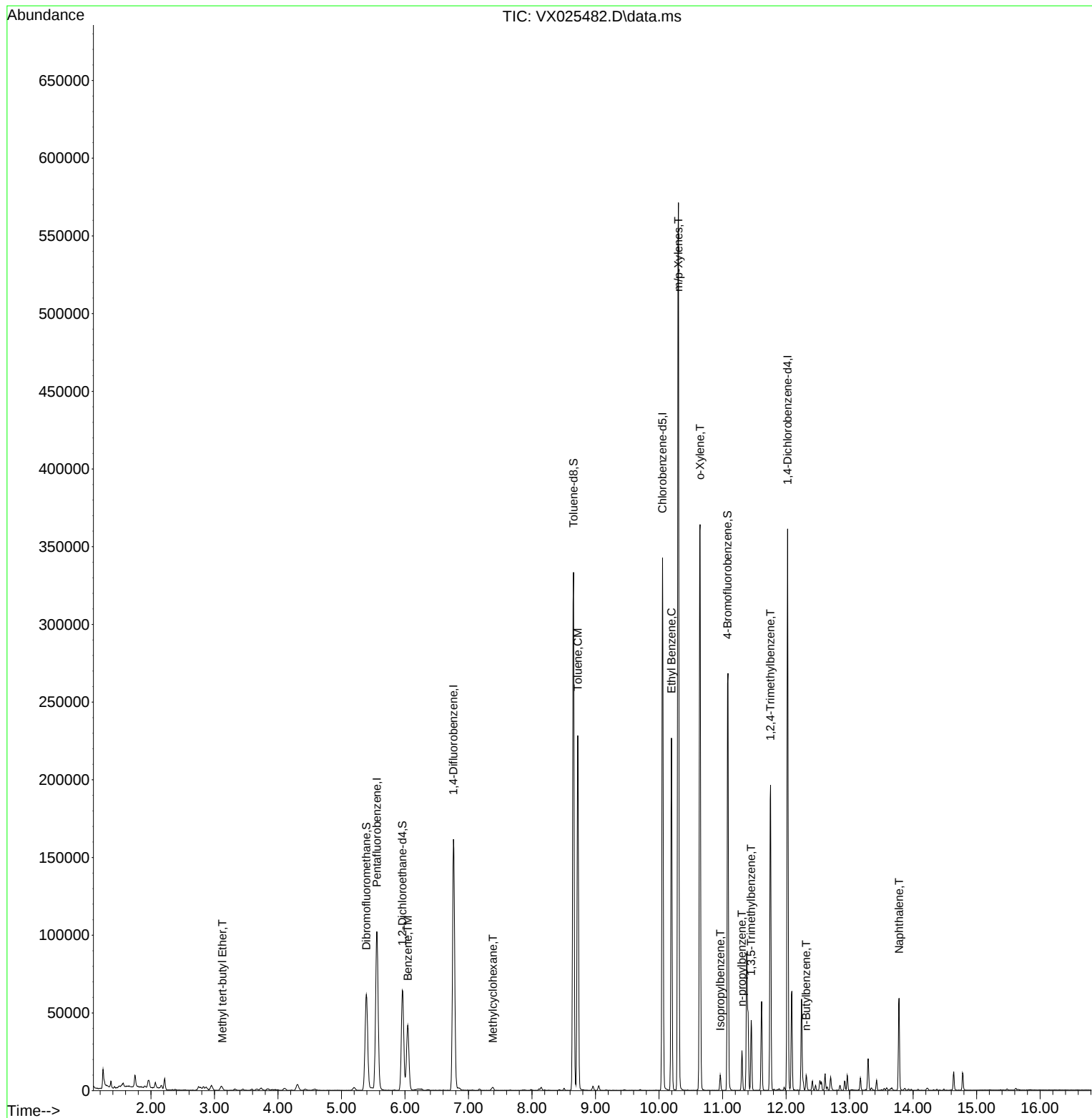
Internal Standards						
1) Pentafluorobenzene	5.556	168	102612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61253	56.632	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.260%
35) Dibromofluoromethane	5.391	113	53932	49.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.940%
50) Toluene-d8	8.653	98	202079	49.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.580%
62) 4-Bromofluorobenzene	11.079	95	72668	47.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.660%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.123	73	1739	0.525	ug/l #	73
39) Methylcyclohexane	7.385	83	910	0.462	ug/l	89
40) Benzene	6.044	78	52093	11.204	ug/l	100
52) Toluene	8.720	92	89231	29.396	ug/l	97
67) Ethyl Benzene	10.195	91	127939	22.909	ug/l	99
68) m/p-Xylenes	10.305	106	143831	63.054	ug/l	93
69) o-Xylene	10.646	106	85764	38.414	ug/l	92
73) Isopropylbenzene	10.963	105	5271	0.998	ug/l	99
78) n-propylbenzene	11.305	91	15757	2.659	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	20107	4.531	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	88272	20.126	ug/l	95
89) n-Butylbenzene	12.317	91	1332	0.335	ug/l #	13
95) Naphthalene	13.780	128	37720	7.226	ug/l	99

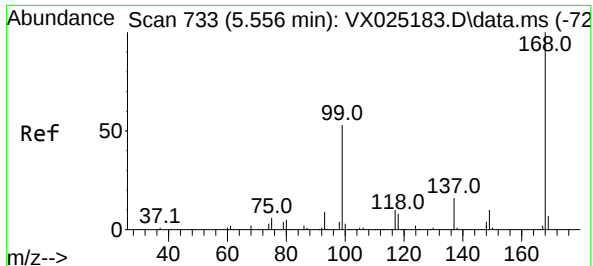
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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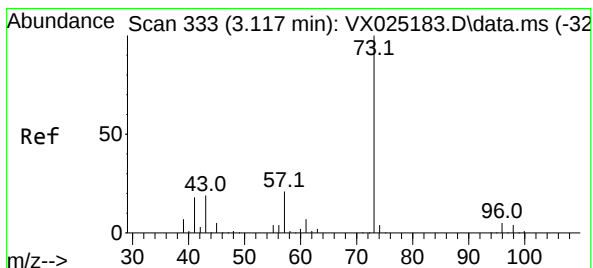
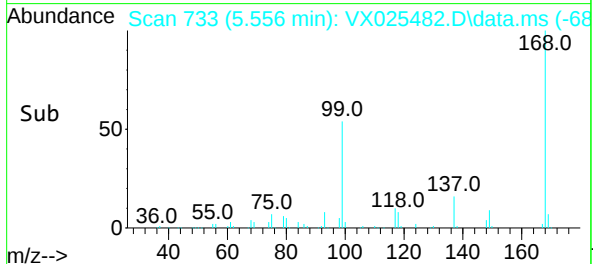
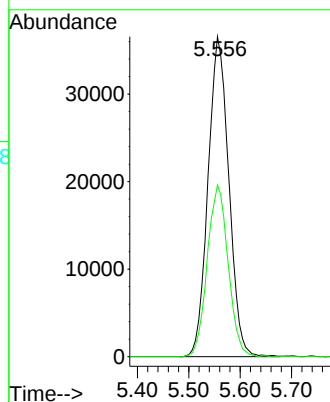
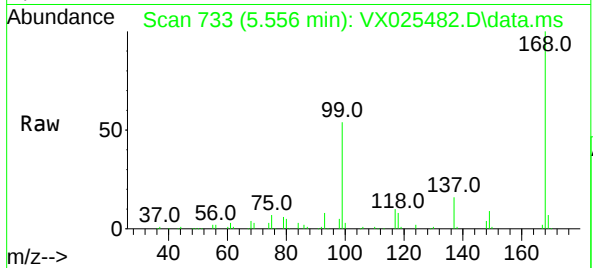




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

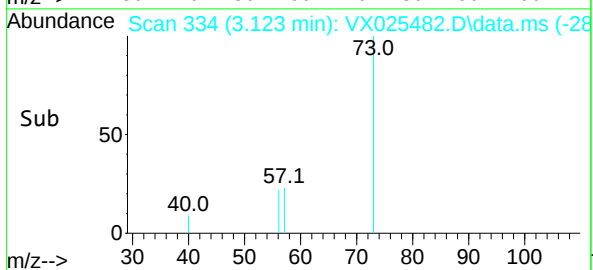
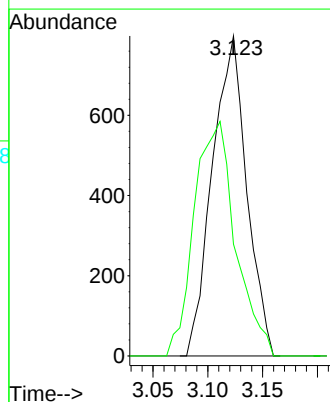
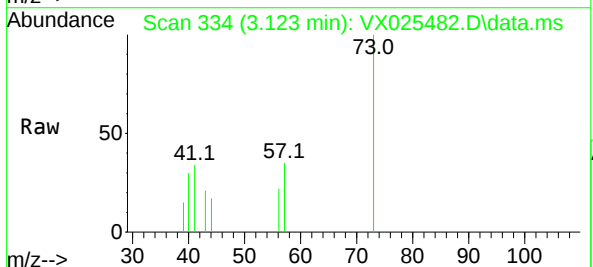
Instrument :
MSVOA_X
ClientSampleId :
MW-39DL

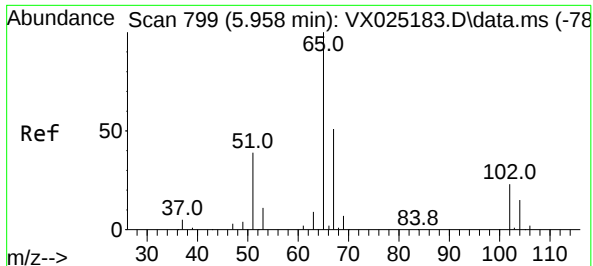
Tgt Ion:168 Resp: 102612
Ion Ratio Lower Upper
168 100
99 53.6 46.4 69.6



#19
Methyl tert-butyl Ether
Concen: 0.525 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

Tgt Ion: 73 Resp: 1739
Ion Ratio Lower Upper
73 100
57 35.0 17.5 26.3#





#33

1,2-Dichloroethane-d4

Concen: 56.632 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025482.D

Acq: 03 Dec 2021 15:09

Instrument :

MSVOA_X

ClientSampleId :

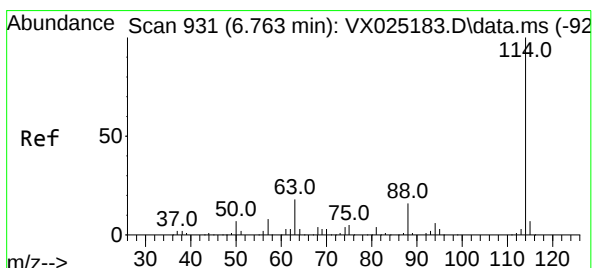
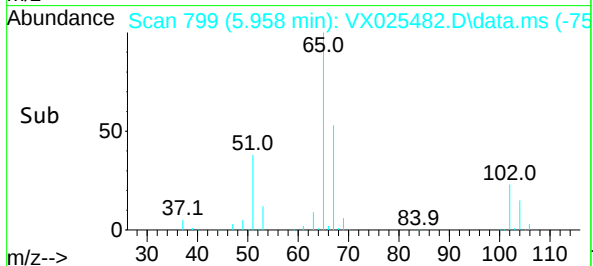
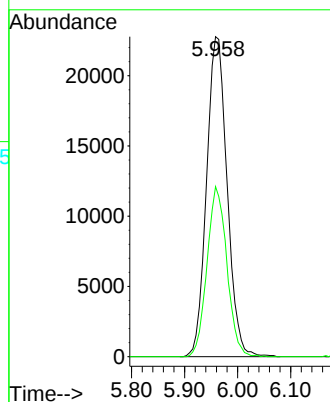
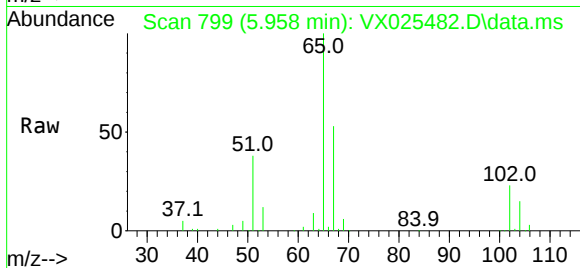
MW-39DL

Tgt Ion: 65 Resp: 61253

Ion Ratio Lower Upper

65 100

67 51.4 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: VX025482.D

Acq: 03 Dec 2021 15:09

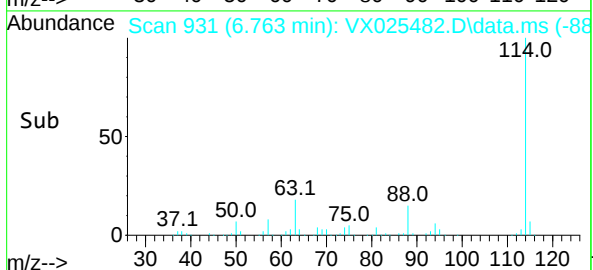
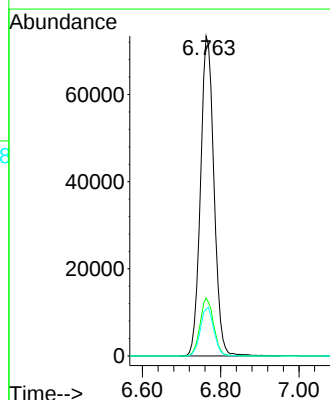
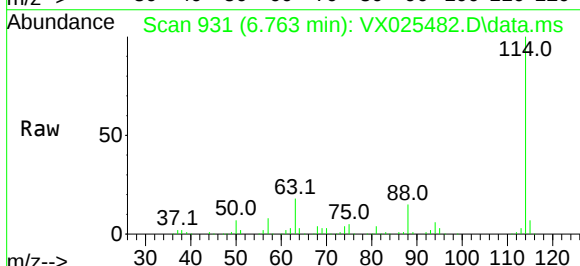
Tgt Ion: 114 Resp: 175920

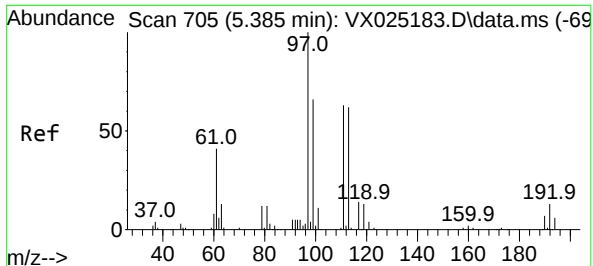
Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.0

88 14.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.965 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025482.D

Acq: 03 Dec 2021 15:09

Instrument :

MSVOA_X

ClientSampleId :

MW-39DL

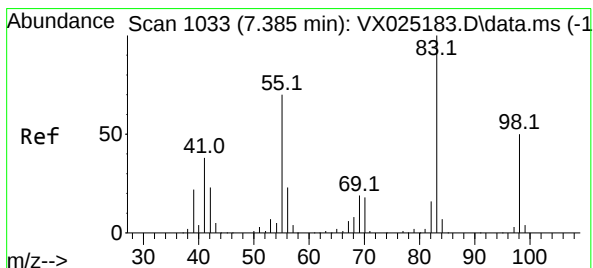
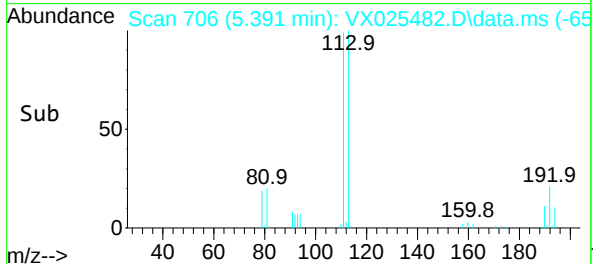
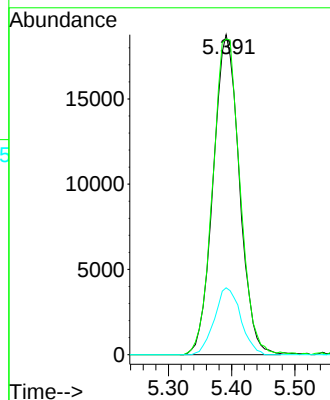
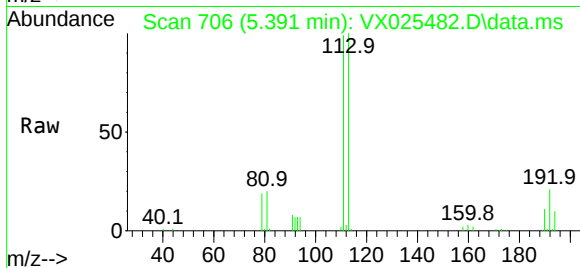
Tgt Ion:113 Resp: 53932

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

192 21.0 15.6 23.4



#39

Methylcyclohexane

Concen: 0.462 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX025482.D

Acq: 03 Dec 2021 15:09

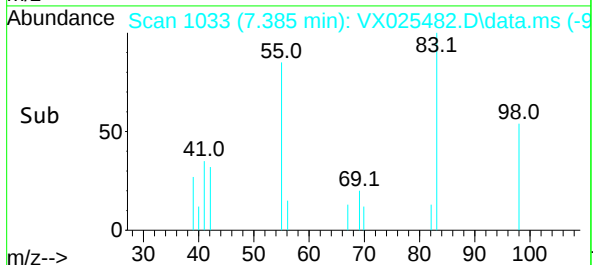
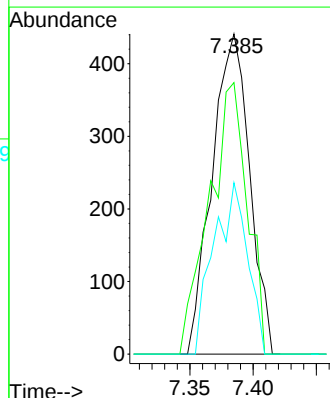
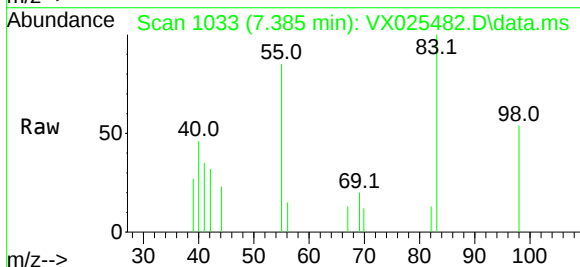
Tgt Ion: 83 Resp: 910

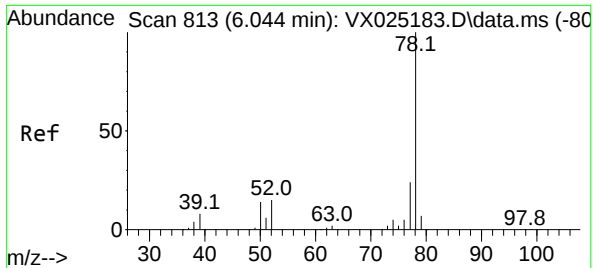
Ion Ratio Lower Upper

83 100

55 84.8 60.8 91.2

98 53.5 37.0 55.4

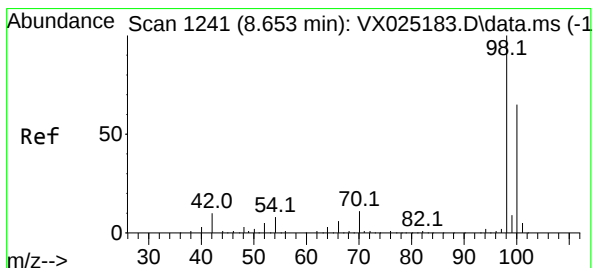
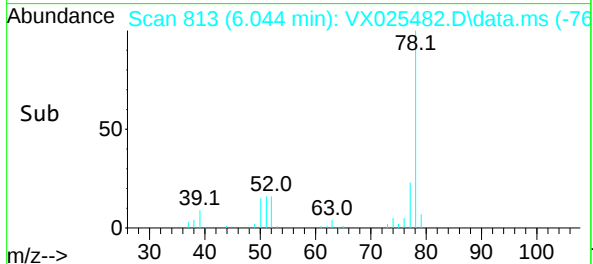
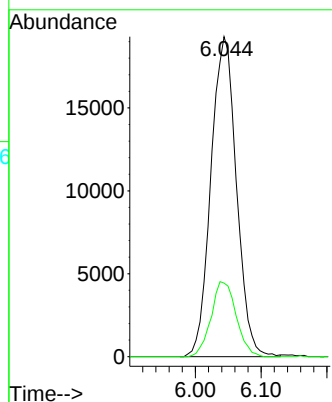
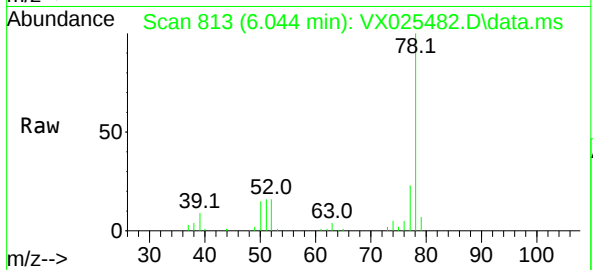




#40
Benzene
Concen: 11.204 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

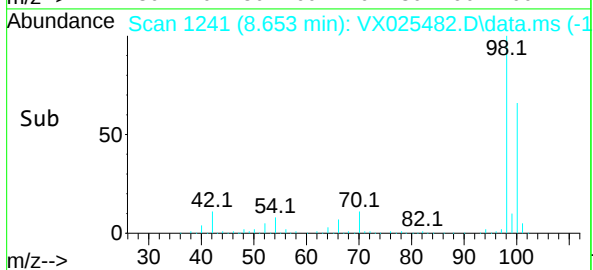
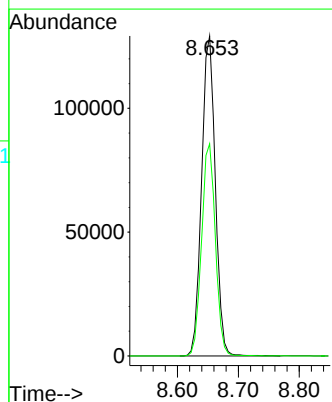
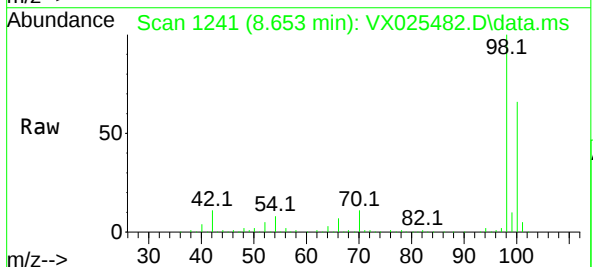
Instrument :
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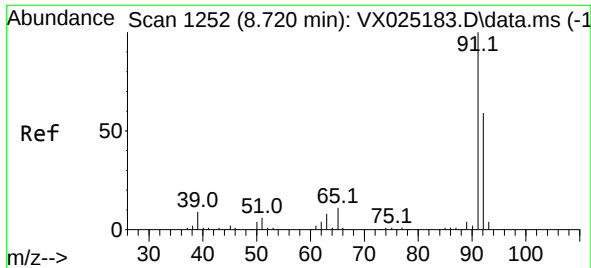
Tgt Ion: 78 Resp: 52093
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5



#50
Toluene-d8
Concen: 49.793 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

Tgt Ion: 98 Resp: 202079
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0

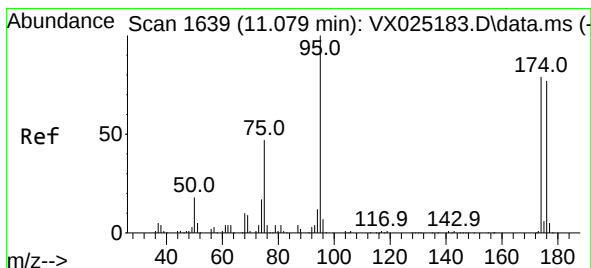
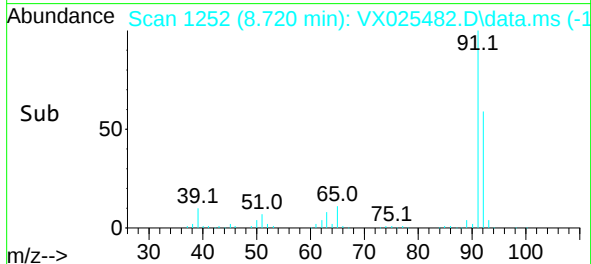
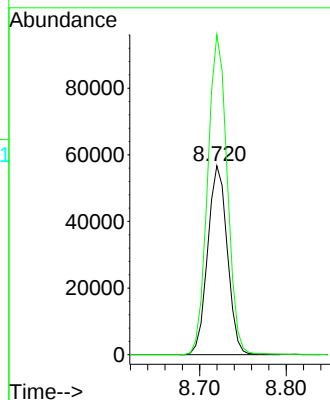
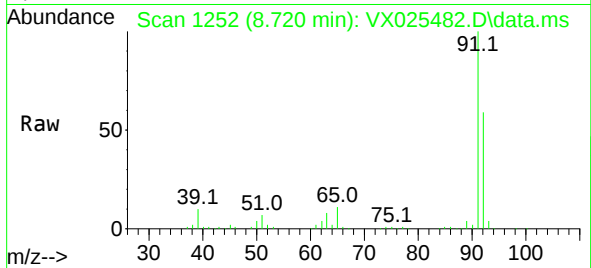




#52
Toluene
Concen: 29.396 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

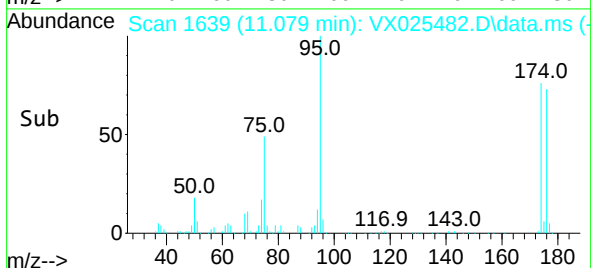
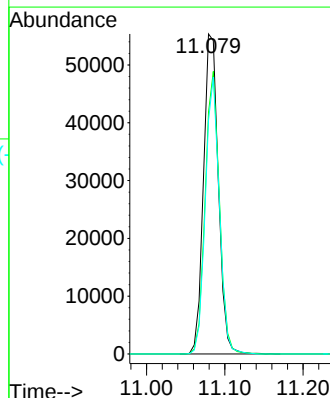
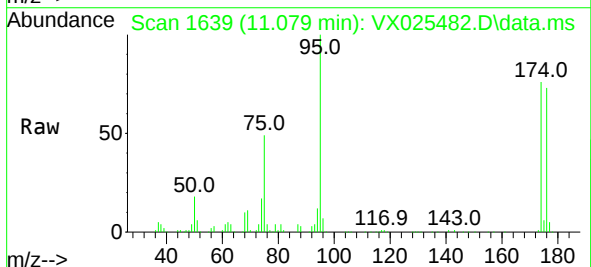
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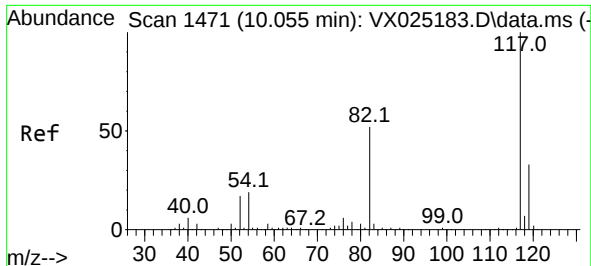
Tgt Ion: 92 Resp: 89231
Ion Ratio Lower Upper
92 100
91 169.2 138.6 208.0



#62
4-Bromofluorobenzene
Concen: 47.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

Tgt Ion: 95 Resp: 72668
Ion Ratio Lower Upper
95 100
174 84.7 0.0 158.0
176 81.7 0.0 153.6

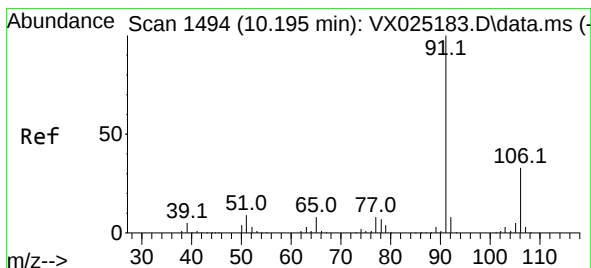
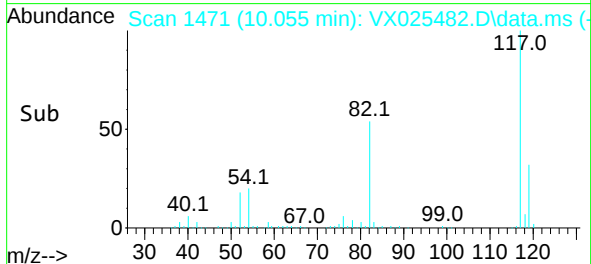
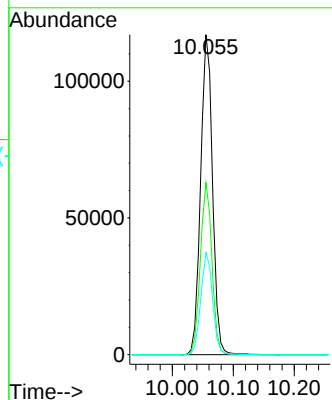
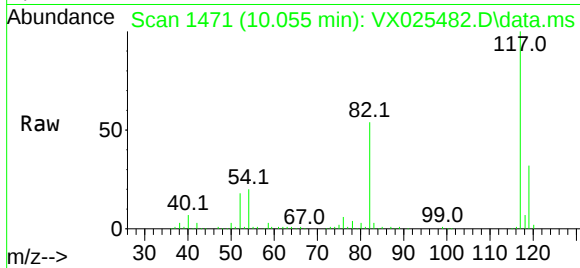




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

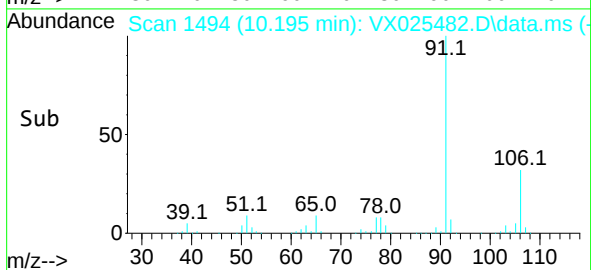
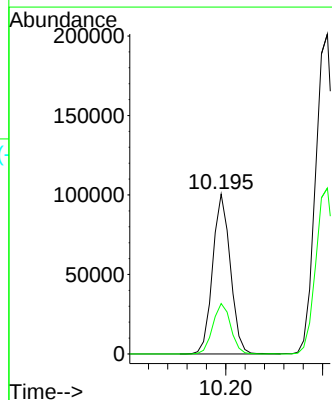
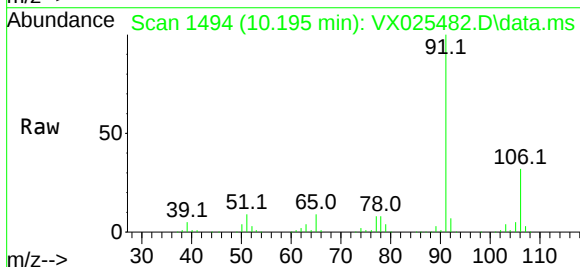
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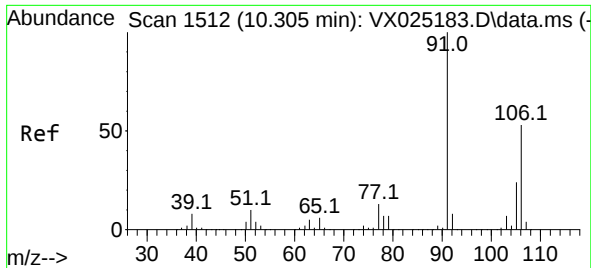
Tgt Ion:117 Resp: 158585
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 31.9 24.8 37.2



#67
Ethyl Benzene
Concen: 22.909 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

Tgt Ion: 91 Resp: 127939
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1

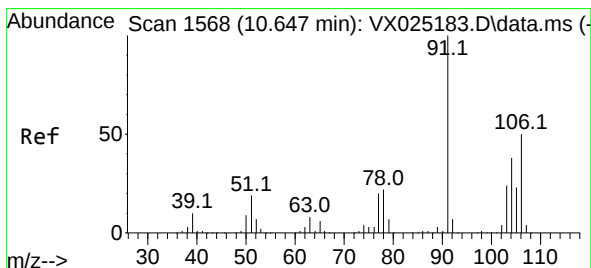
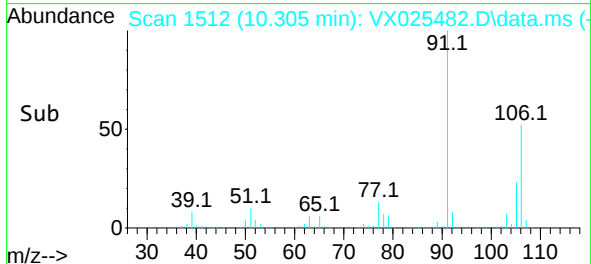
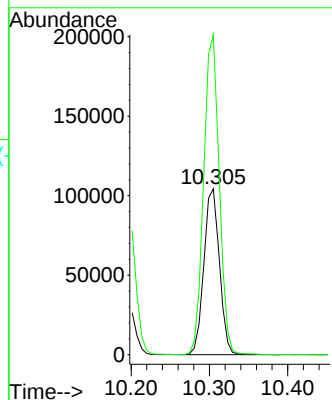
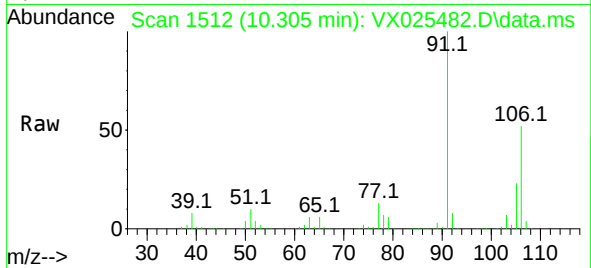




#68
m/p-Xylenes
Concen: 63.054 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

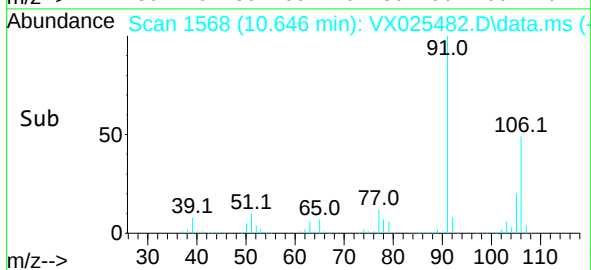
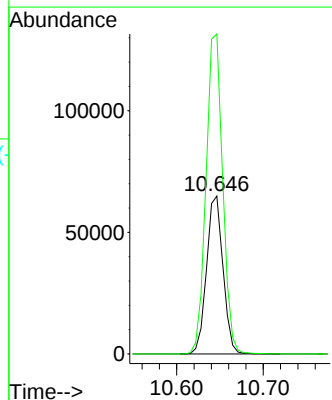
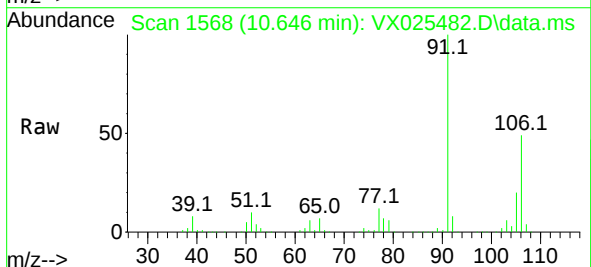
Instrument :
MSVOA_X
ClientSampleId :
MW-39DL

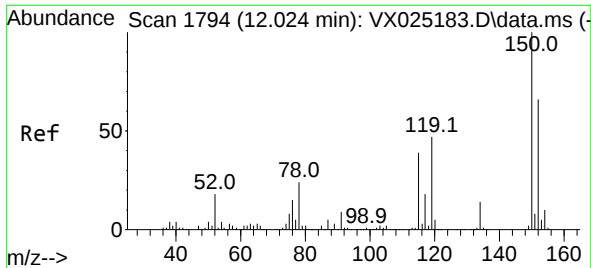
Tgt Ion:106 Resp: 143831
Ion Ratio Lower Upper
106 100
91 193.4 163.4 245.0



#69
o-Xylene
Concen: 38.414 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

Tgt Ion:106 Resp: 85764
Ion Ratio Lower Upper
106 100
91 205.5 109.5 328.4

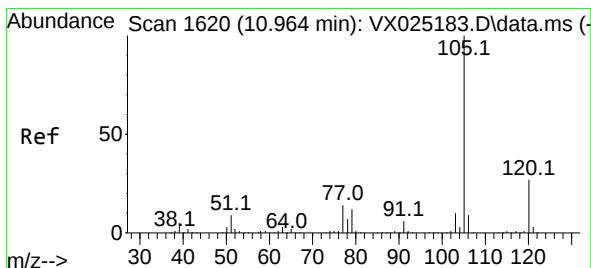
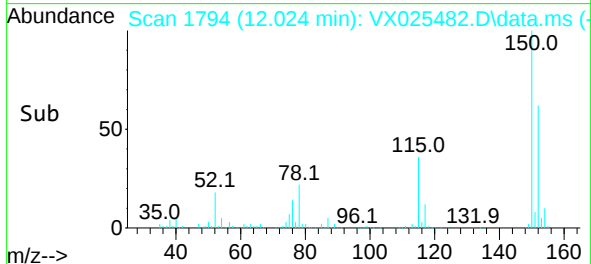
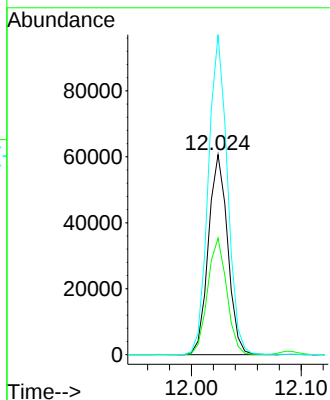
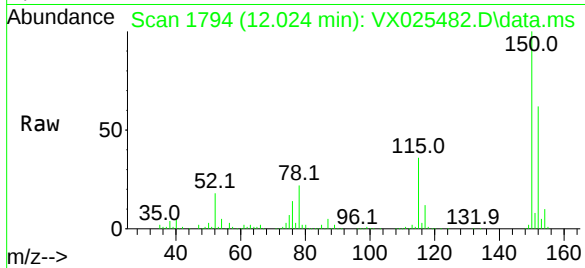




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

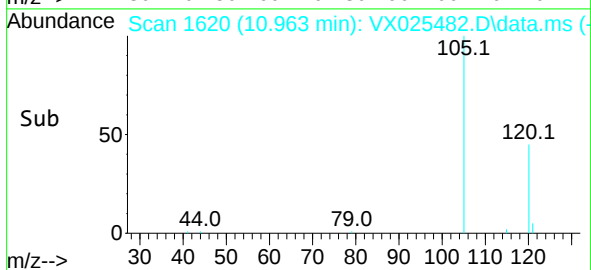
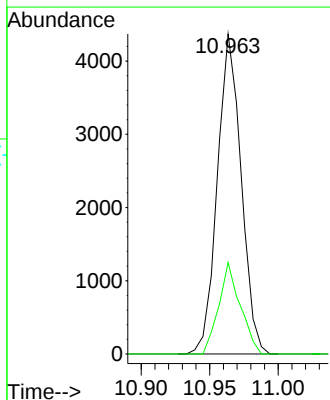
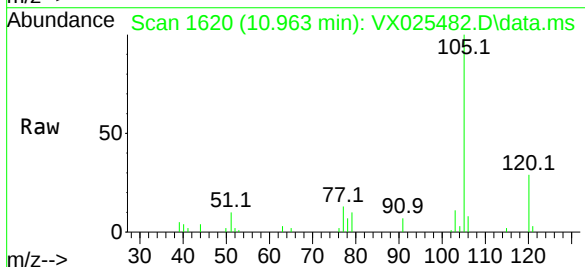
Instrument :
MSVOA_X
ClientSampleId :
MW-39DL

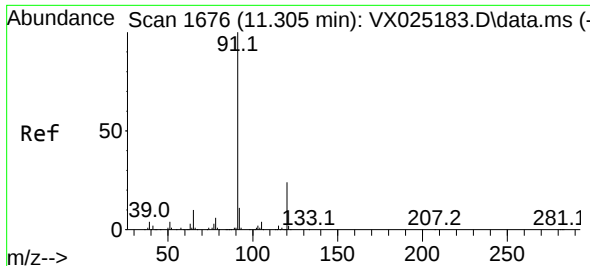
Tgt Ion:152 Resp: 74077
Ion Ratio Lower Upper
152 100
115 57.8 43.3 129.8
150 158.6 0.0 351.2



#73
Isopropylbenzene
Concen: 0.998 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

Tgt Ion:105 Resp: 5271
Ion Ratio Lower Upper
105 100
120 25.8 13.3 39.8

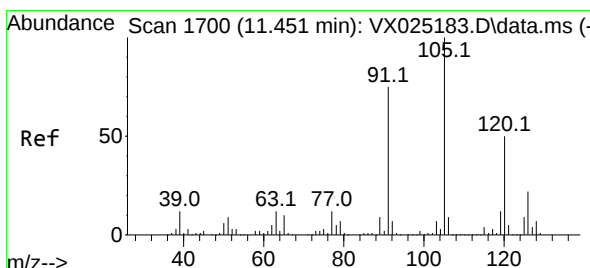
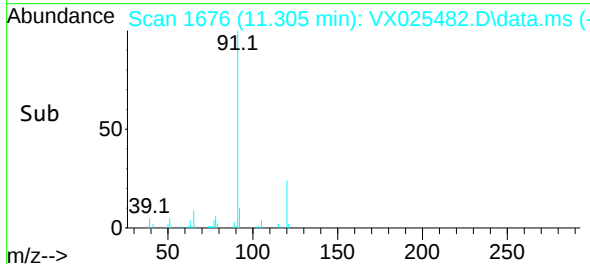
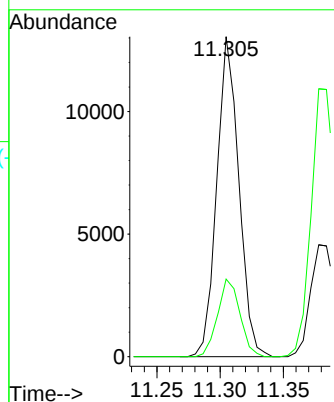
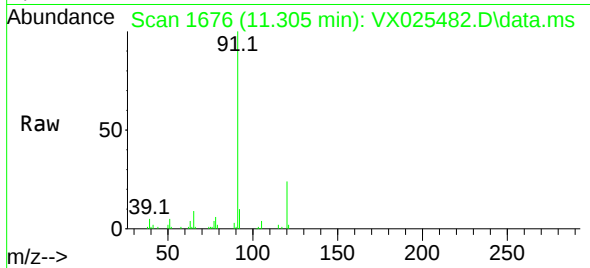




#78
n-propylbenzene
Concen: 2.659 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

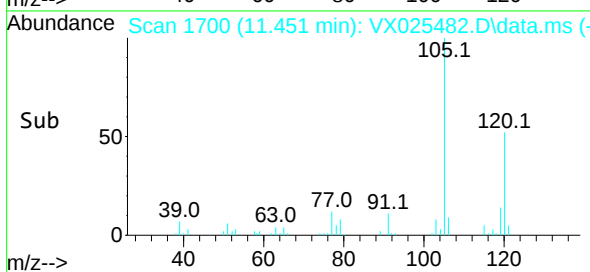
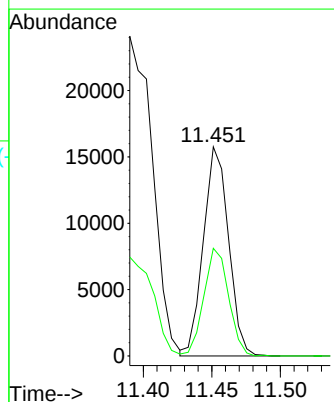
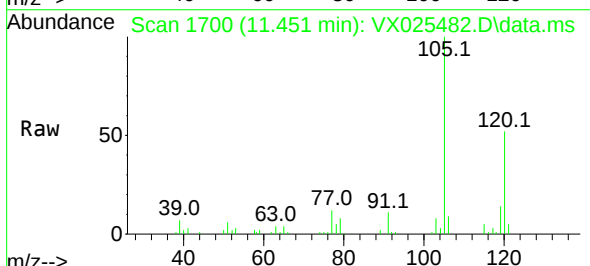
Instrument :
MSVOA_X
ClientSampleId :
MW-39DL

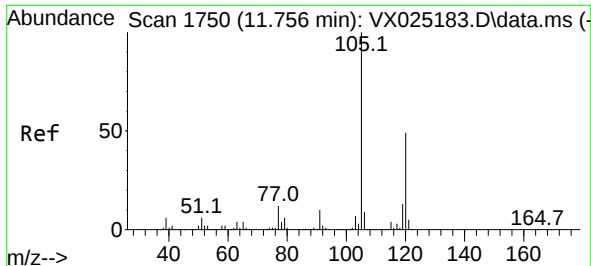
Tgt Ion: 91 Resp: 15757
Ion Ratio Lower Upper
91 100
120 24.6 11.7 35.0



#80
1,3,5-Trimethylbenzene
Concen: 4.531 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

Tgt Ion: 105 Resp: 20107
Ion Ratio Lower Upper
105 100
120 50.7 23.8 71.5

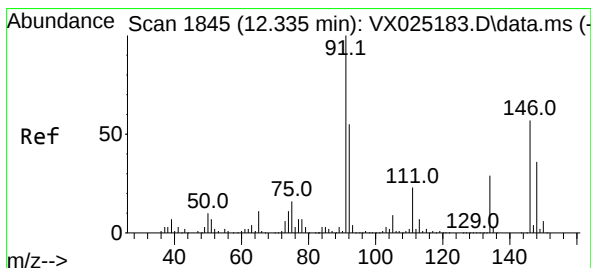
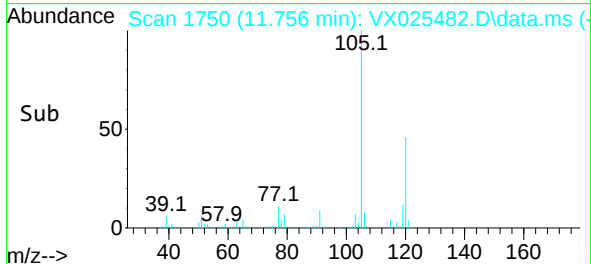
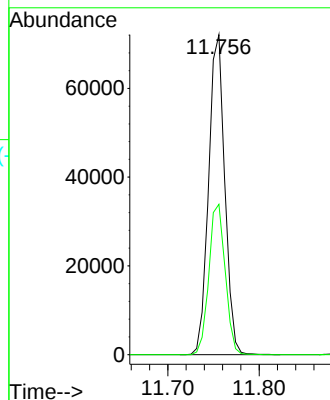
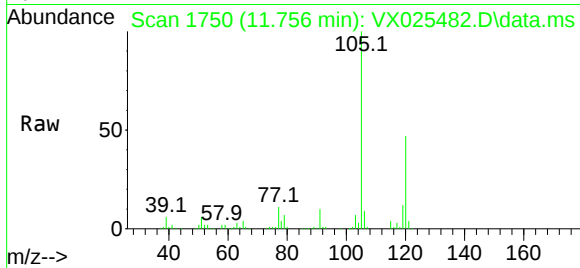




#84
1,2,4-Trimethylbenzene
Concen: 20.126 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

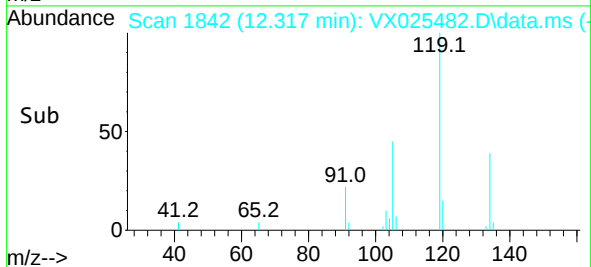
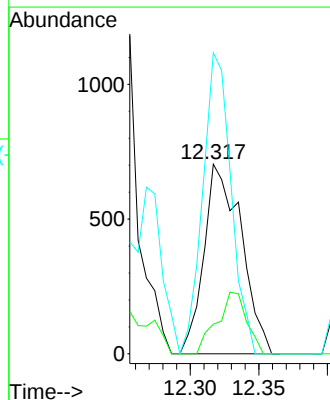
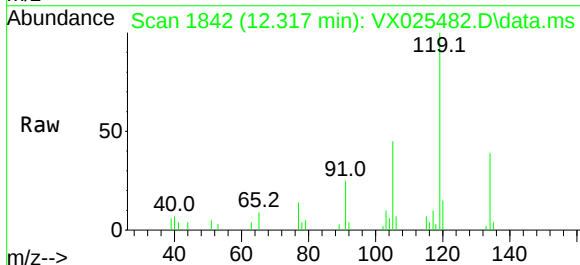
Instrument :
MSVOA_X
ClientSampleId :
MW-39DL

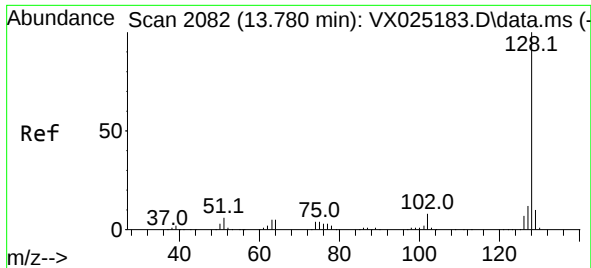
Tgt Ion:105 Resp: 88272
Ion Ratio Lower Upper
105 100
120 47.6 22.1 66.3



#89
n-Butylbenzene
Concen: 0.335 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX025482.D
Acq: 03 Dec 2021 15:09

Tgt Ion: 91 Resp: 1332
Ion Ratio Lower Upper
91 100
92 25.8 26.3 78.8#
134 120.7 13.0 38.9#





#95

Naphthalene

Concen: 7.226 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025482.D

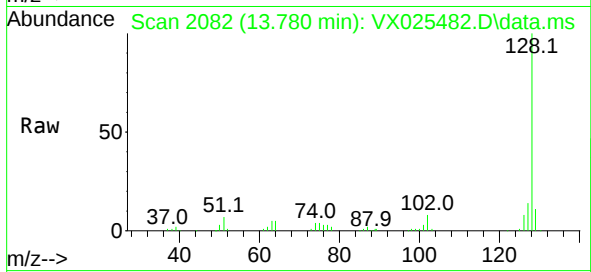
Acq: 03 Dec 2021 15:09

Instrument :

MSVOA_X

ClientSampleId :

MW-39DL



Tgt Ion:128 Resp: 37720

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.8 13.2

