

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025483.D
 Acq On : 03 Dec 2021 15:32
 Operator : JC/MD
 Sample : M4918-05DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP120221DL

Quant Time: Dec 04 06:50:40 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)

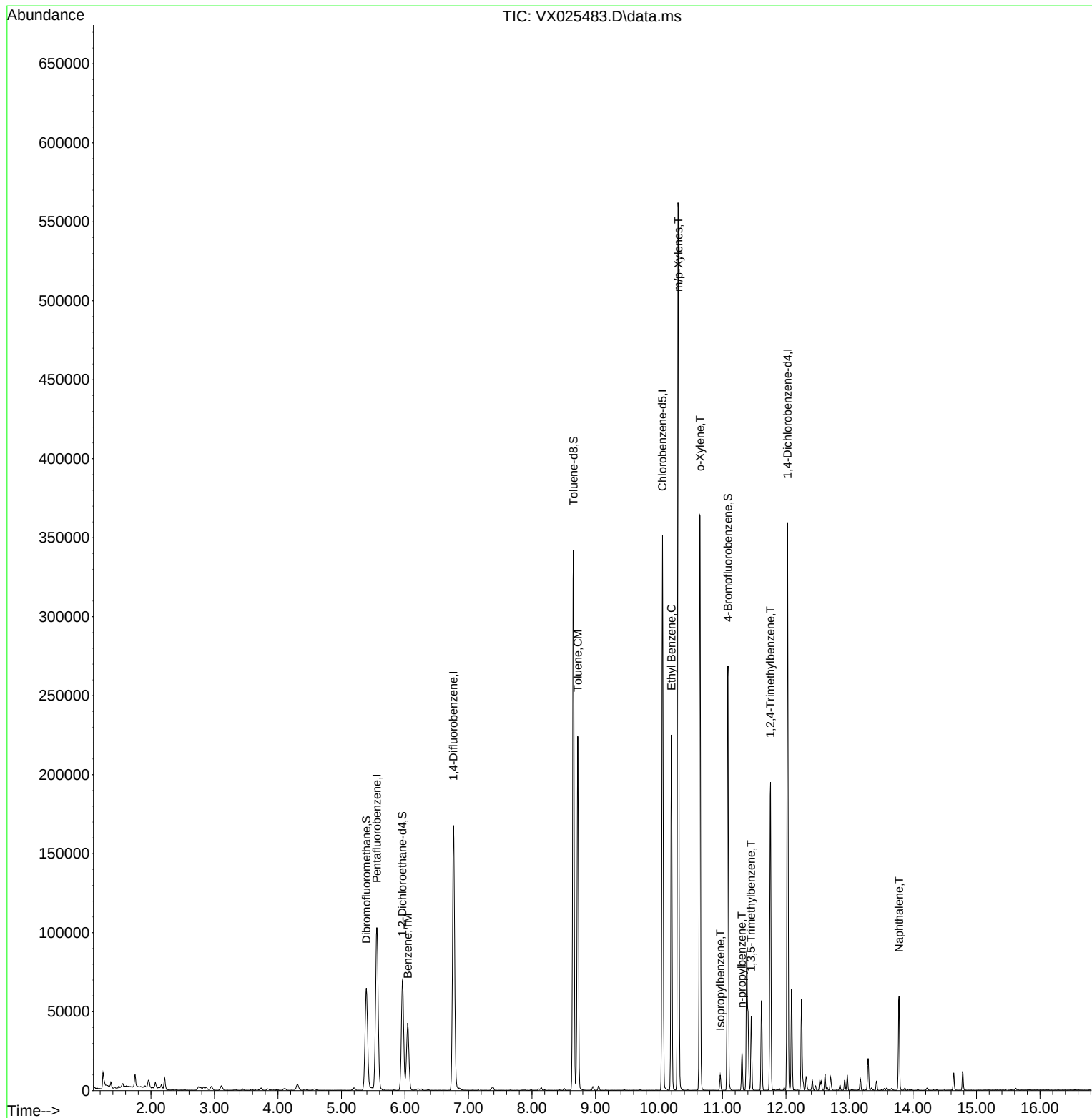
Internal Standards						
1) Pentafluorobenzene	5.556	168	105699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62588	56.176	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.360%	
35) Dibromofluoromethane	5.391	113	55227	50.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.480%	
50) Toluene-d8	8.653	98	208188	50.367	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	11.085	95	73819	47.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.420%	
Target Compounds						
					Qvalue	
40) Benzene	6.044	78	51414	10.857	ug/l	98
52) Toluene	8.720	92	86277	27.906	ug/l	97
67) Ethyl Benzene	10.195	91	128629	22.501	ug/l	98
68) m/p-Xylenes	10.305	106	142644	61.091	ug/l	94
69) o-Xylene	10.647	106	85100	37.238	ug/l	93
73) Isopropylbenzene	10.964	105	5139	0.982	ug/l	100
78) n-propylbenzene	11.305	91	15322	2.608	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	20745	4.715	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	87662	20.158	ug/l	96
95) Naphthalene	13.780	128	38482m	7.446	ug/l	

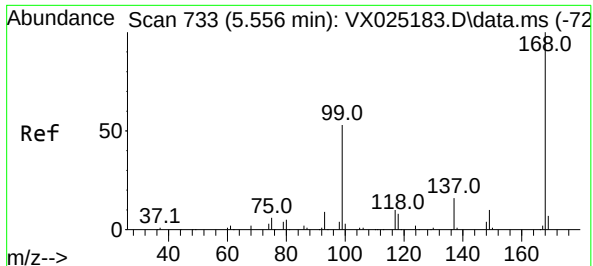
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 06:50:40 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

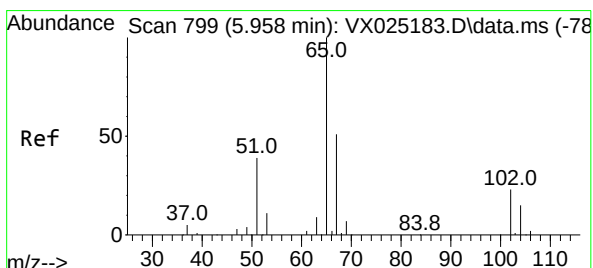
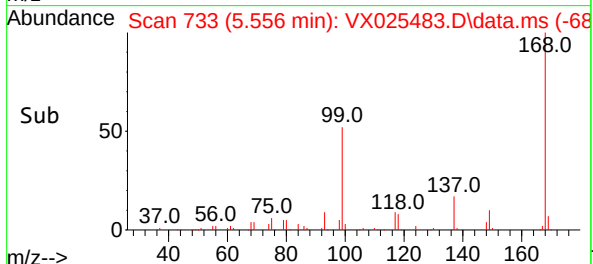
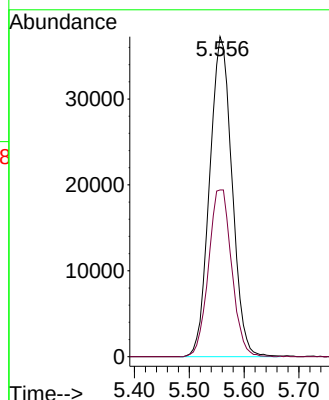
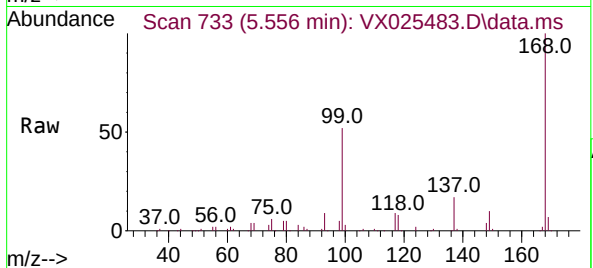




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

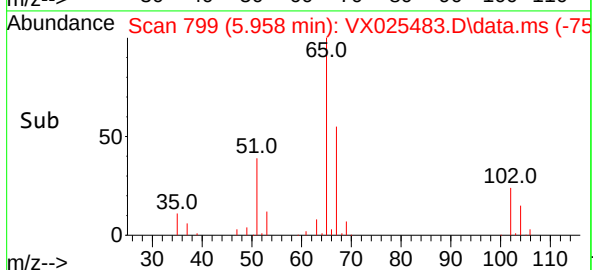
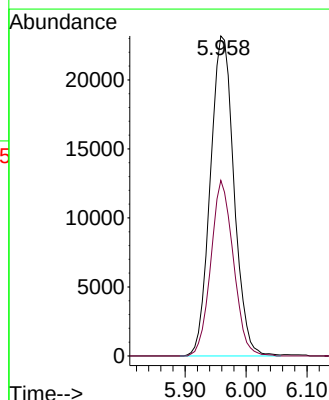
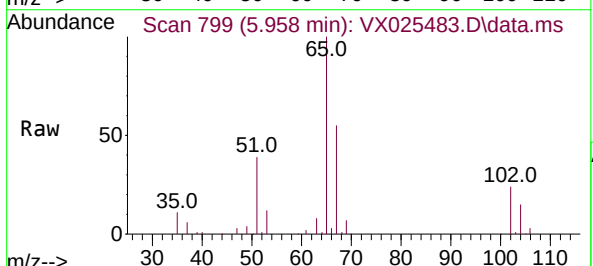
Instrument :
MSVOA_X
ClientSampleId :
DUP120221DL

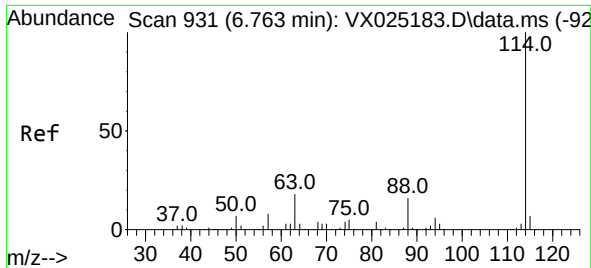
Tgt Ion:168 Resp: 105699
Ion Ratio Lower Upper
168 100
99 52.1 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 56.176 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

Tgt Ion: 65 Resp: 62588
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.0

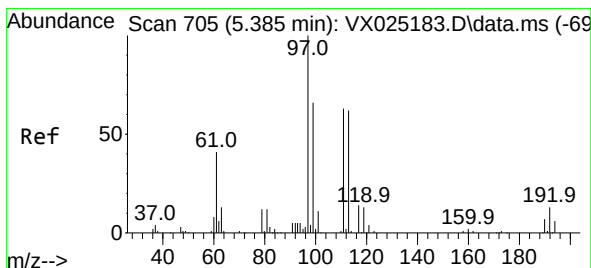
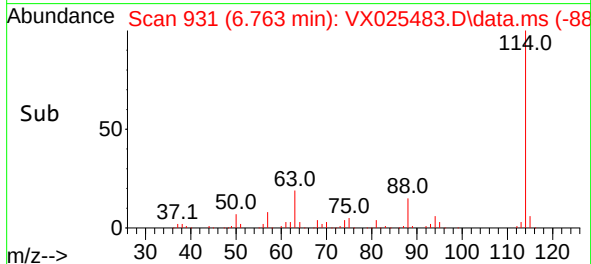
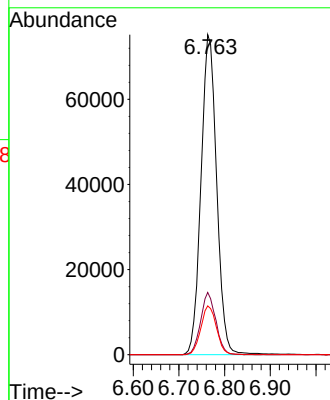
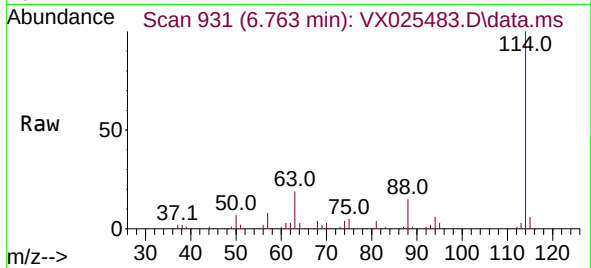




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

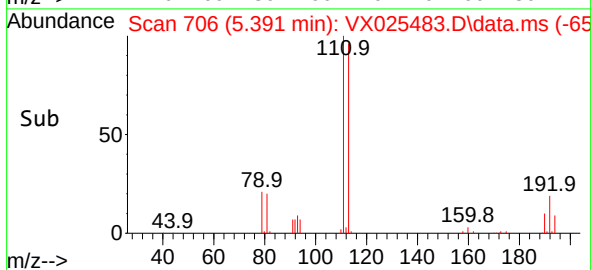
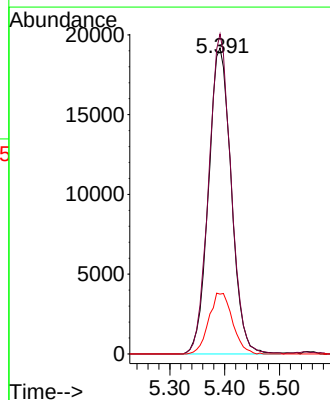
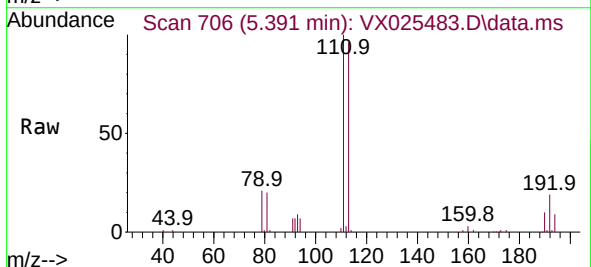
Instrument :
MSVOA_X
ClientSampleId :
DUP120221DL

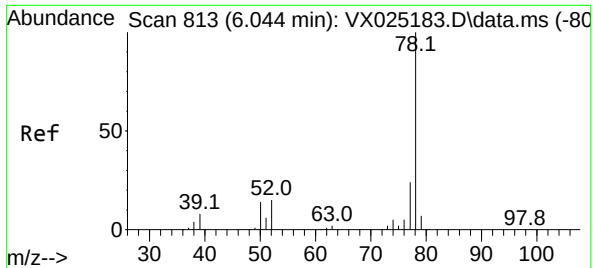
Tgt Ion:114 Resp: 179175
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.236 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

Tgt Ion:113 Resp: 55227
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 20.7 15.6 23.4





#40

Benzene

Concen: 10.857 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX025483.D

Acq: 03 Dec 2021 15:32

Instrument :

MSVOA_X

ClientSampleId :

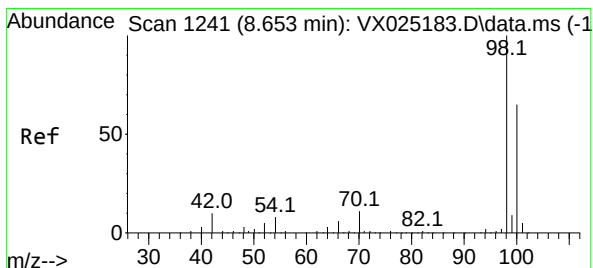
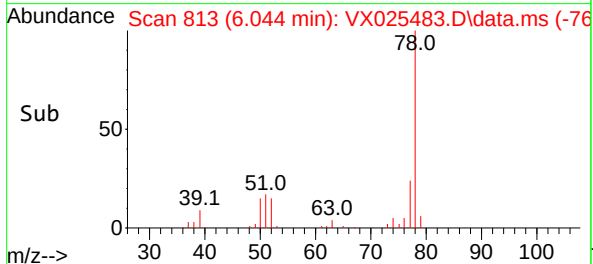
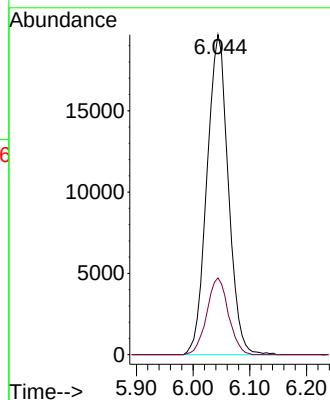
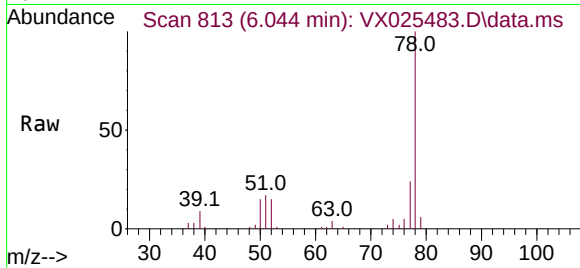
DUP120221DL

Tgt Ion: 78 Resp: 51414

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5



#50

Toluene-d8

Concen: 50.367 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025483.D

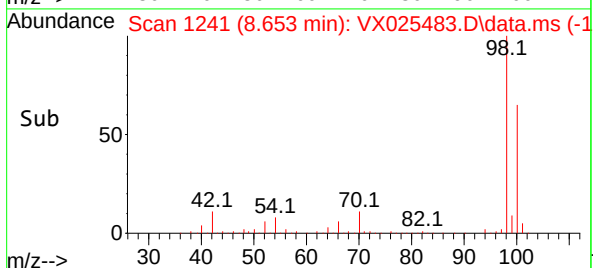
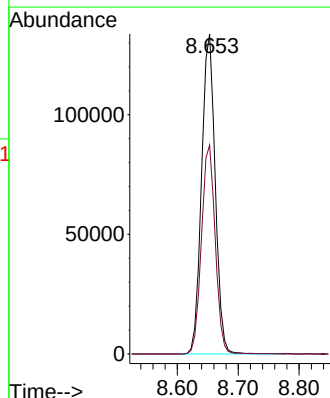
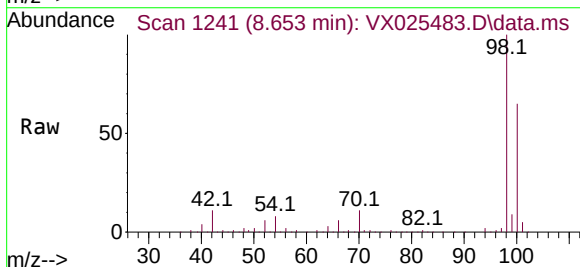
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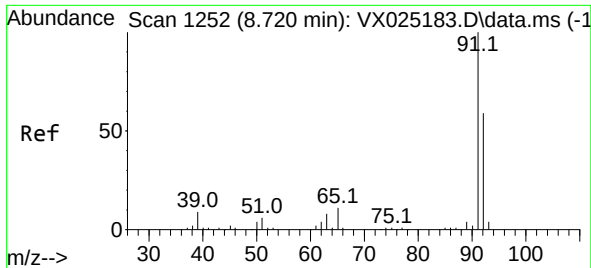
Tgt Ion: 98 Resp: 208188

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.0

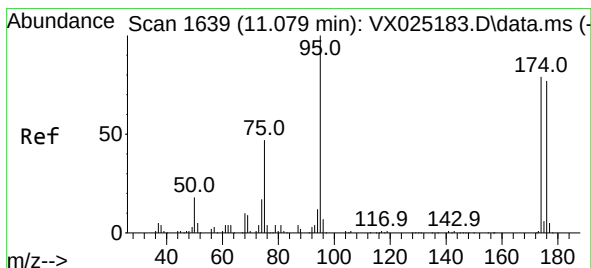
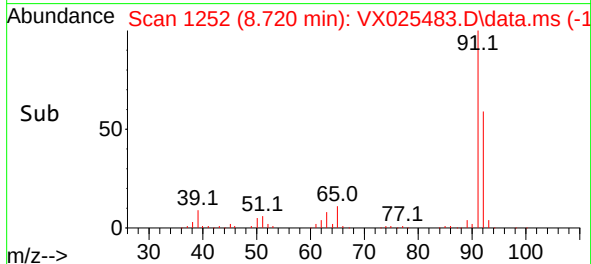
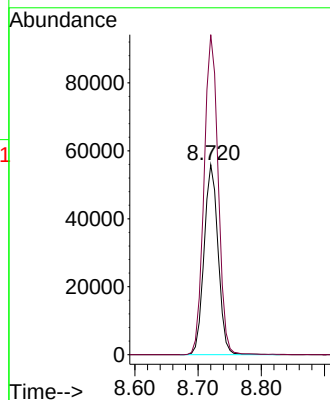
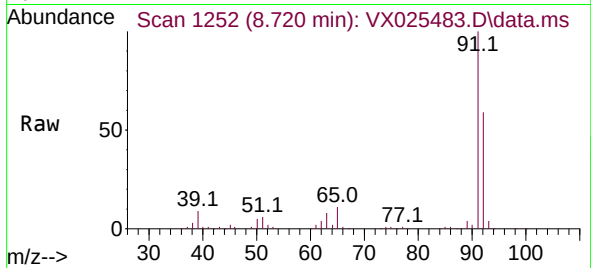




#52
Toluene
Concen: 27.906 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

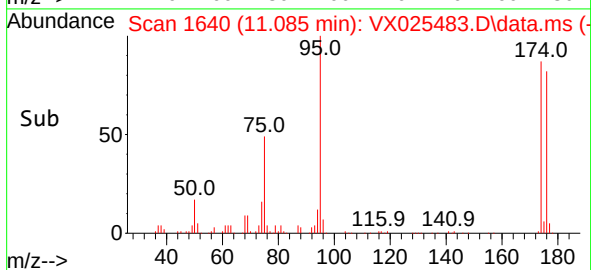
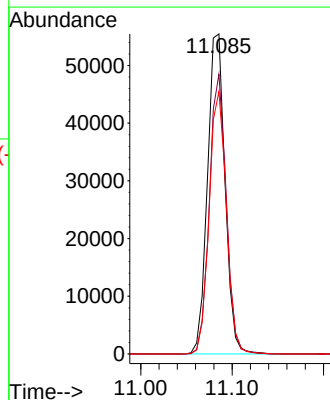
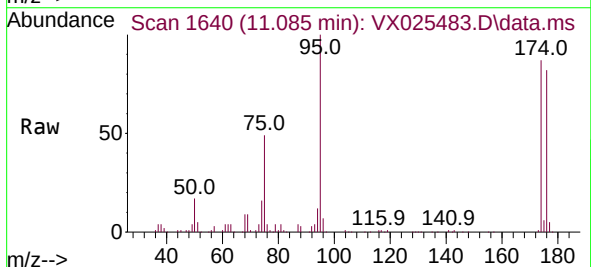
Instrument :
MSVOA_X
ClientSampleId :
DUP120221DL

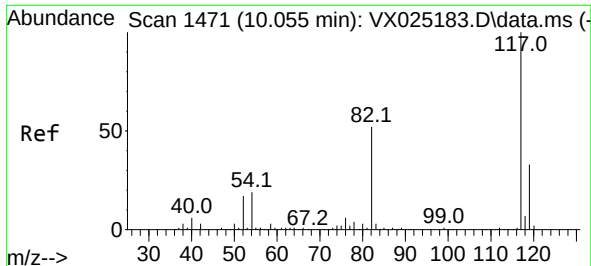
Tgt Ion: 92 Resp: 86277
Ion Ratio Lower Upper
92 100
91 169.8 138.6 208.0



#62
4-Bromofluorobenzene
Concen: 47.207 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

Tgt Ion: 95 Resp: 73819
Ion Ratio Lower Upper
95 100
174 84.0 0.0 158.0
176 80.6 0.0 153.6

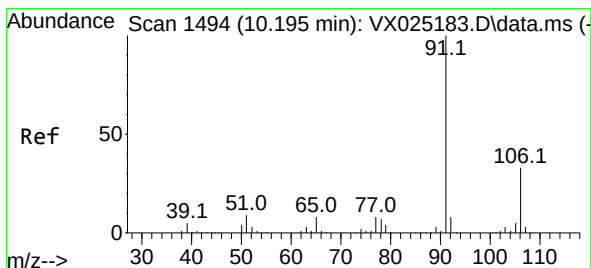
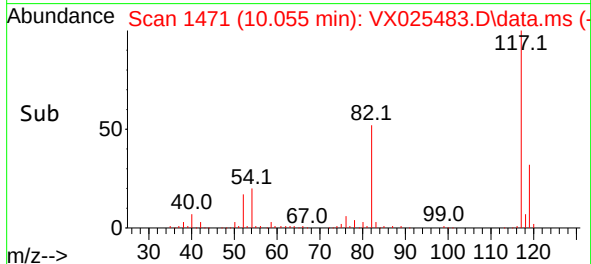
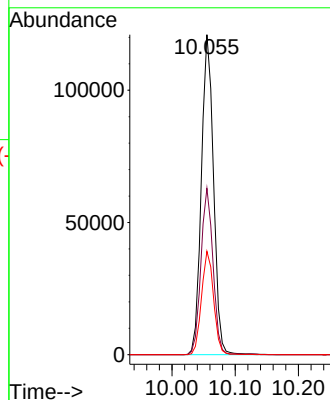
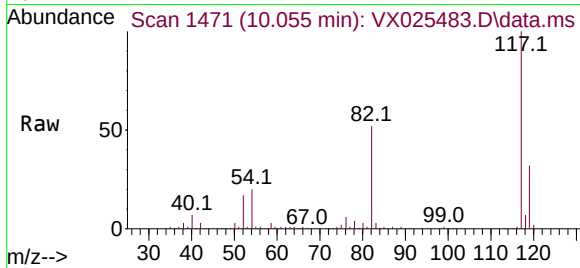




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

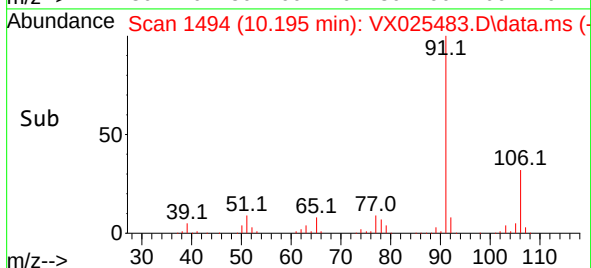
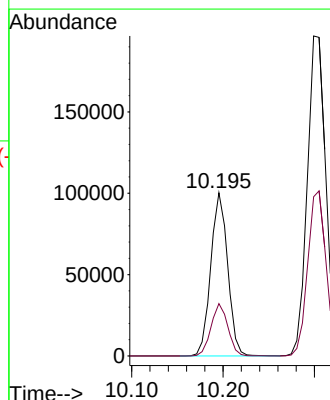
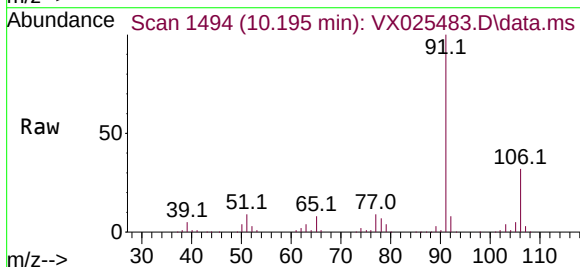
Instrument :
MSVOA_X
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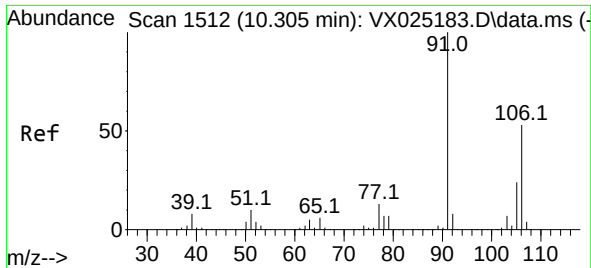
Tgt Ion:117 Resp: 162329
Ion Ratio Lower Upper
117 100
82 52.0 44.6 67.0
119 32.3 24.8 37.2



#67
Ethyl Benzene
Concen: 22.501 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

Tgt Ion: 91 Resp: 128629
Ion Ratio Lower Upper
91 100
106 32.0 24.7 37.1

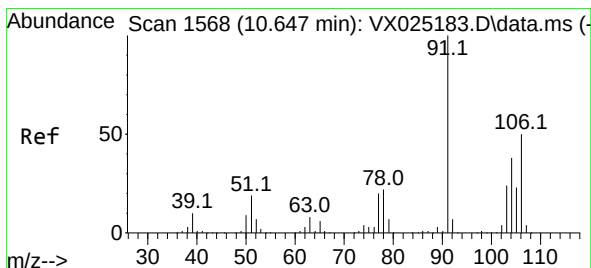
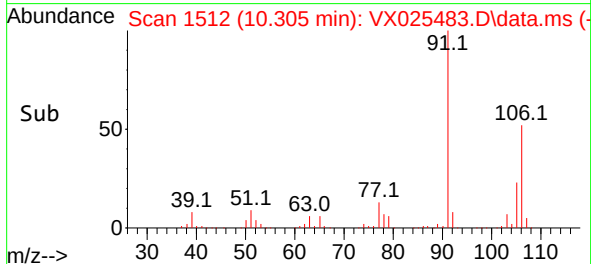
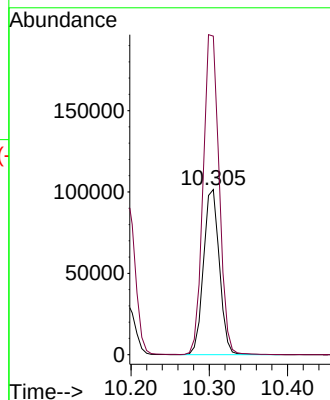
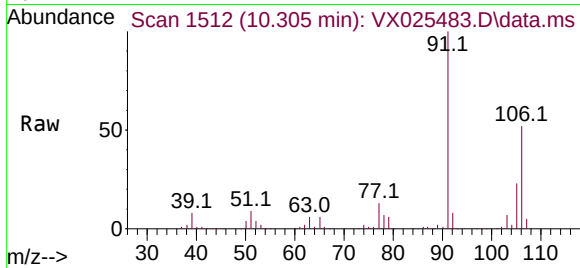




#68
m/p-Xylenes
Concen: 61.091 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

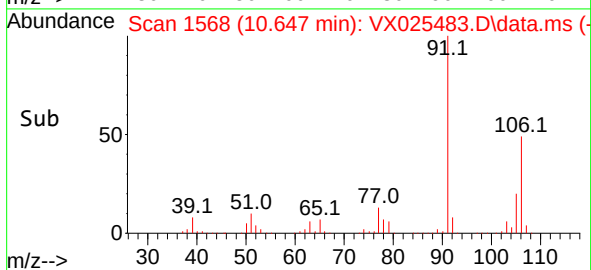
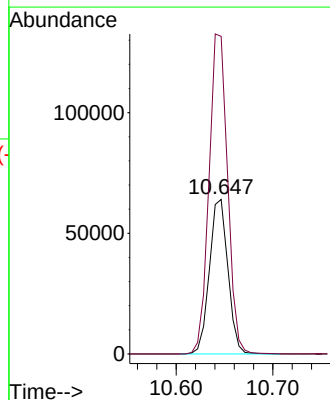
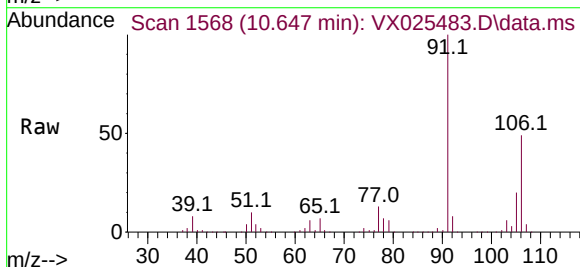
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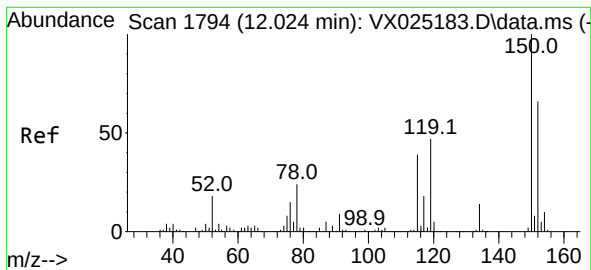
Tgt Ion:106 Resp: 142644
Ion Ratio Lower Upper
106 100
91 195.7 163.4 245.0



#69
o-Xylene
Concen: 37.238 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

Tgt Ion:106 Resp: 85100
Ion Ratio Lower Upper
106 100
91 208.1 109.5 328.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025483.D

Acq: 03 Dec 2021 15:32

Instrument :

MSVOA_X

ClientSampleId :

DUP120221DL

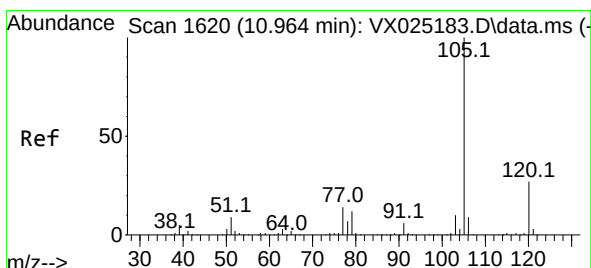
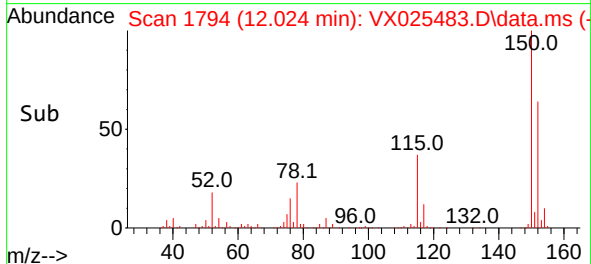
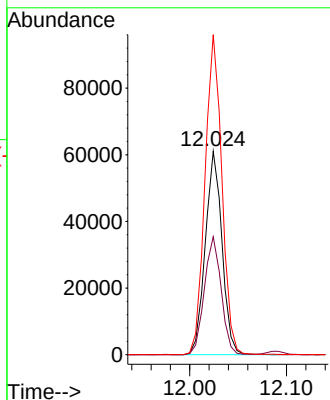
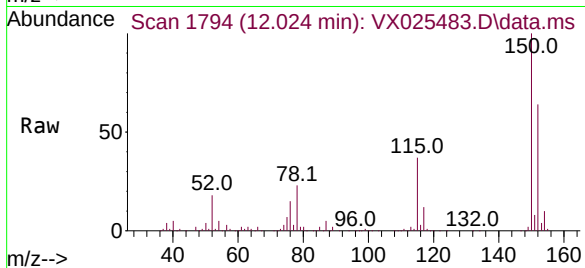
Tgt Ion:152 Resp: 73446

Ion Ratio Lower Upper

152 100

115 58.4 43.3 129.8

150 158.5 0.0 351.2



#73

Isopropylbenzene

Concen: 0.982 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX025483.D

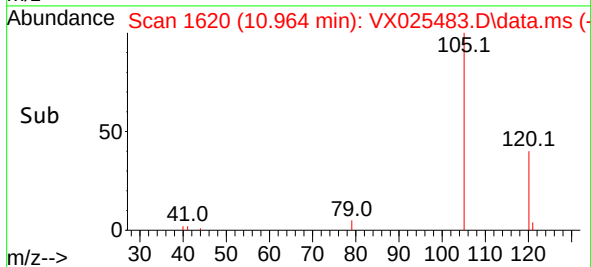
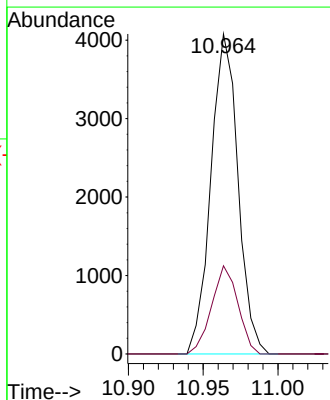
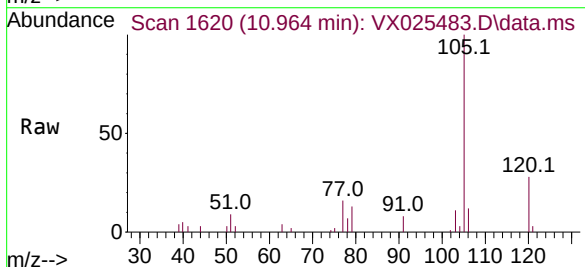
Acq: 03 Dec 2021 15:32

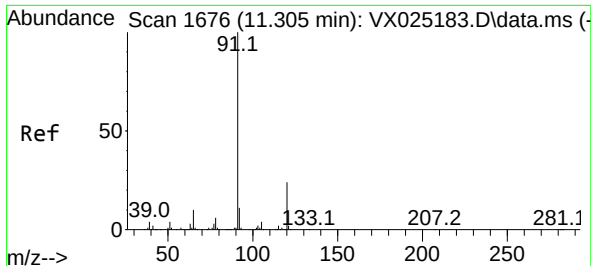
Tgt Ion:105 Resp: 5139

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8

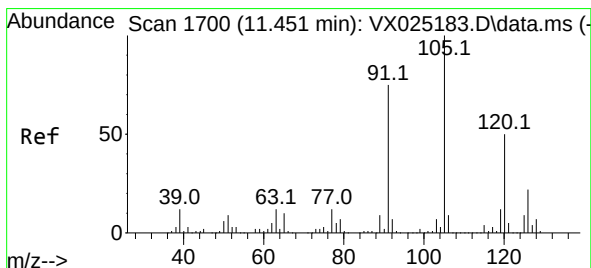
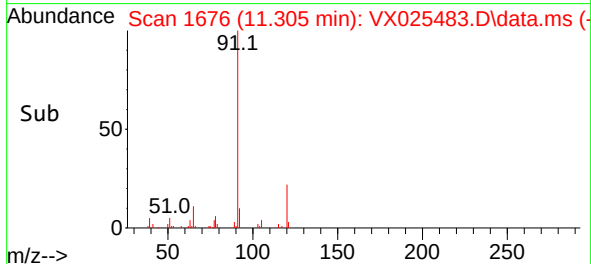
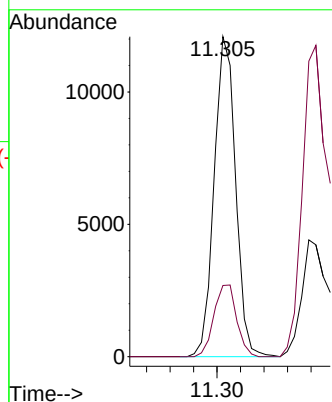
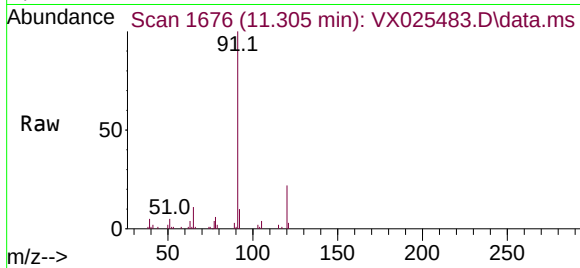




#78
n-propylbenzene
Concen: 2.608 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

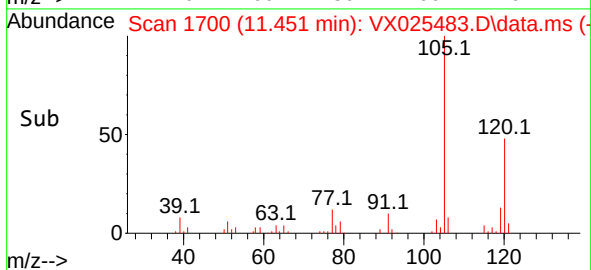
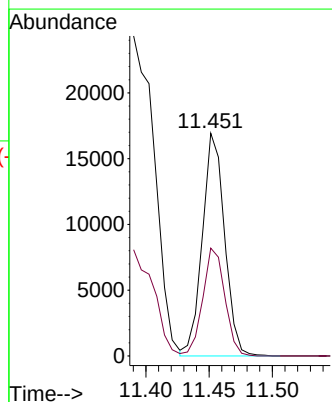
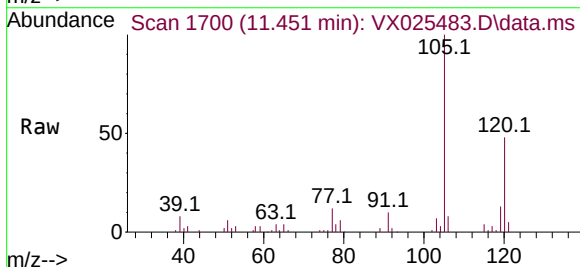
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MSVOA_X
ClientSampleId :
DUP120221DL

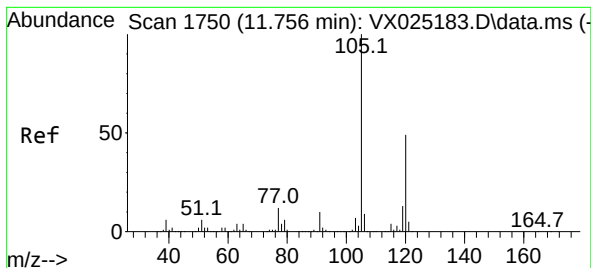
Tgt Ion: 91 Resp: 15322
Ion Ratio Lower Upper
91 100
120 23.7 11.7 35.0



#80
1,3,5-Trimethylbenzene
Concen: 4.715 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025483.D
Acq: 03 Dec 2021 15:32

Tgt Ion: 105 Resp: 20745
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.5





#84

1,2,4-Trimethylbenzene

Concen: 20.158 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025483.D

Acq: 03 Dec 2021 15:32

Instrument :

MSVOA_X

ClientSampleId :

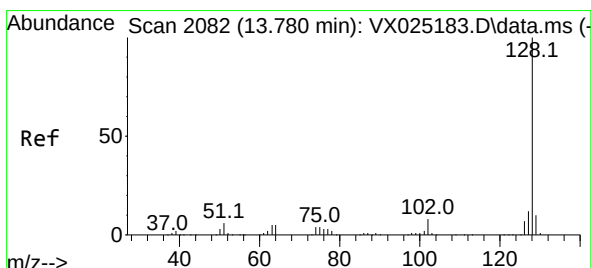
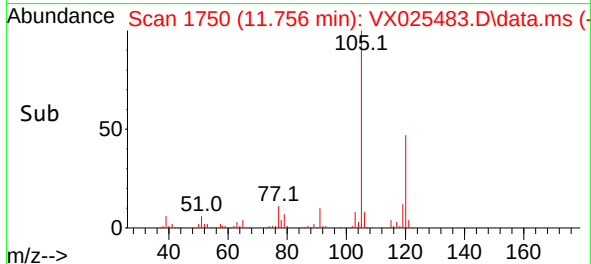
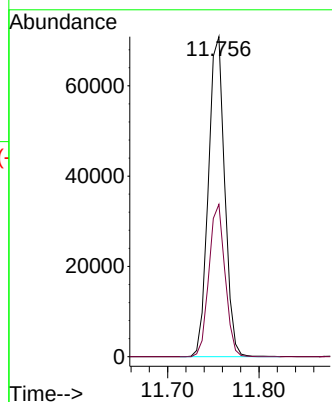
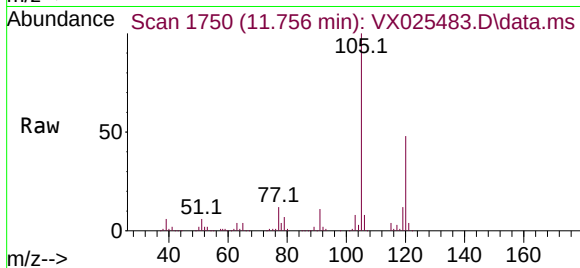
DUP120221DL

Tgt Ion:105 Resp: 87662

Ion Ratio Lower Upper

105 100

120 47.0 22.1 66.3



#95

Naphthalene

Concen: 7.446 ug/l m

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025483.D

Acq: 03 Dec 2021 15:32

Tgt Ion:128 Resp: 38482

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

