

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025452.D
 Acq On : 03 Dec 2021 01:19
 Operator : JC/MD
 Sample : M4917-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32

Quant Time: Dec 14 05:00:43 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)

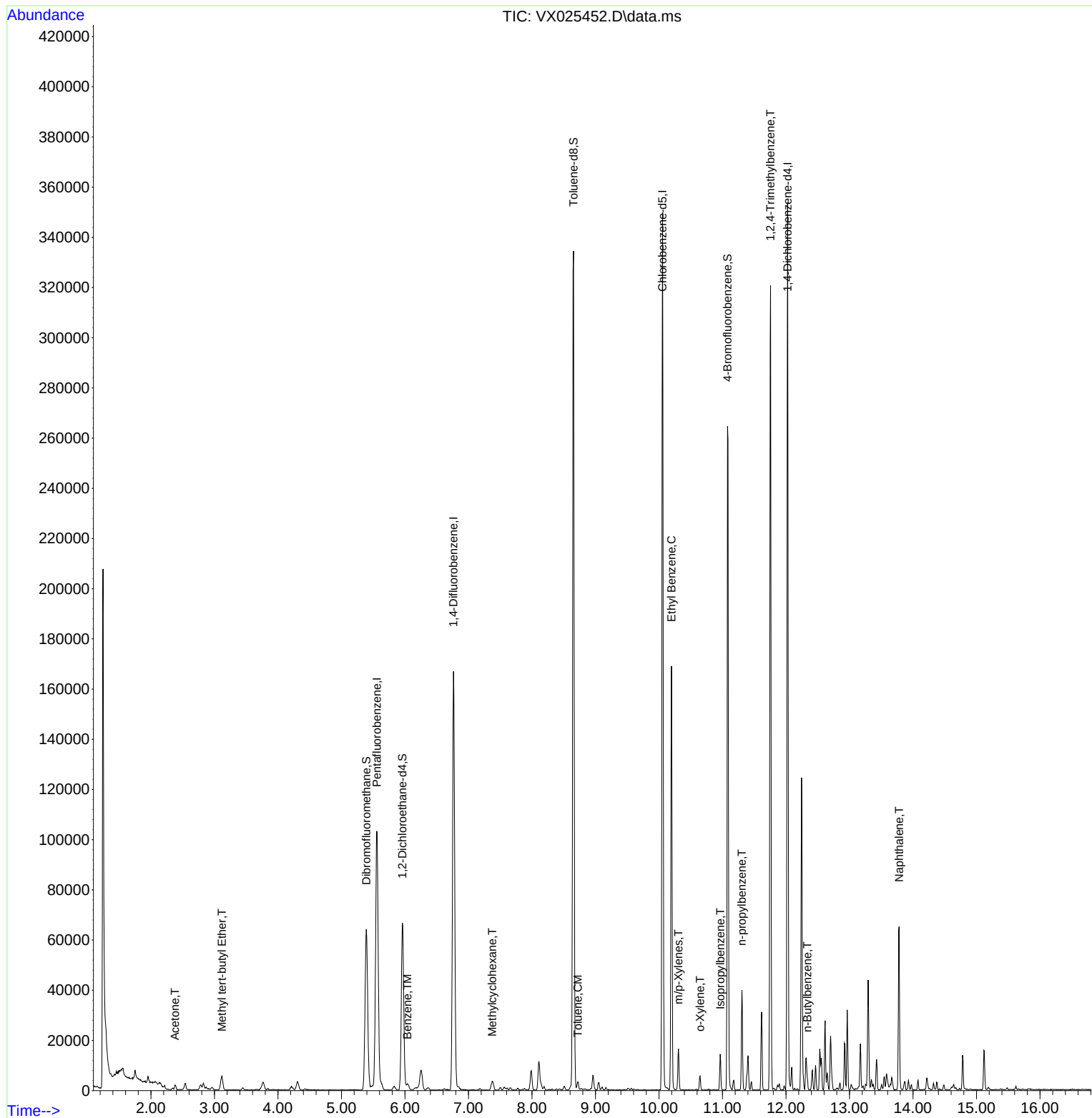
Internal Standards						
1) Pentafluorobenzene	5.556	168	104885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62498	56.53	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.06%
35) Dibromofluoromethane	5.391	113	55785	51.18	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.36%
50) Toluene-d8	8.653	98	206490	50.39	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.78%
62) 4-Bromofluorobenzene	11.079	95	71619	46.20	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.40%
Target Compounds						Qvalue
16) Acetone	2.380	43	2214	3.60	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	4589	1.35	ug/l #	73
39) Methylcyclohexane	7.373	83	1636	0.82	ug/l	95
40) Benzene	6.038	78	2852	0.61	ug/l	96
52) Toluene	8.720	92	1403	0.46	ug/l	94
67) Ethyl Benzene	10.195	91	95197	16.90	ug/l	95
68) m/p-Xylenes	10.305	106	4221	1.83	ug/l	88
69) o-Xylene	10.647	106	1326	0.59	ug/l	100
73) Isopropylbenzene	10.964	105	7397	1.45	ug/l	94
78) n-propylbenzene	11.305	91	24850	4.33	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	143078	33.69	ug/l	96
89) n-Butylbenzene	12.335	91	2839	0.74	ug/l #	45
95) Naphthalene	13.780	128	42410	8.45	ug/l	99

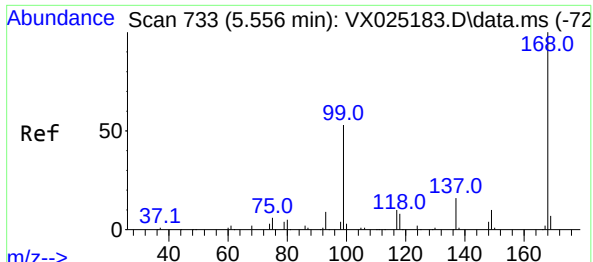
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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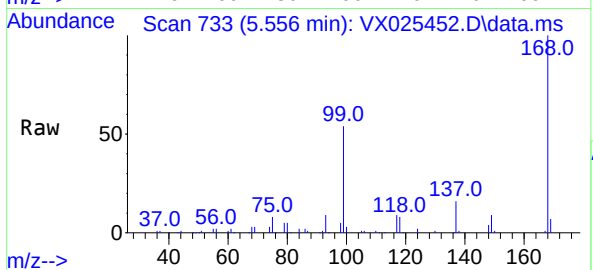
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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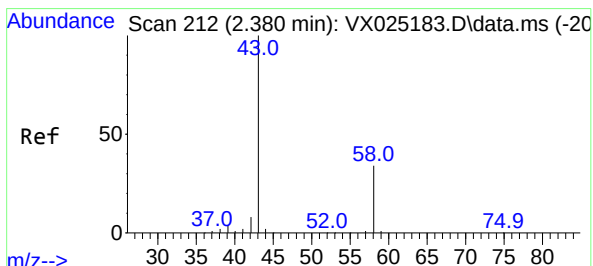
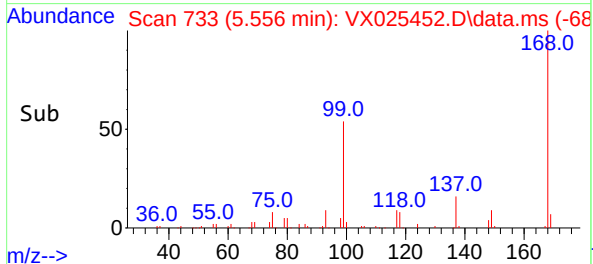
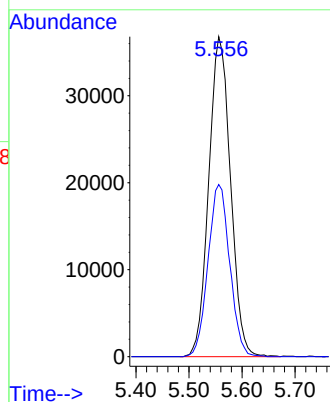


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

Instrument :
MSVOA_X
ClientSampleId :
MW-32

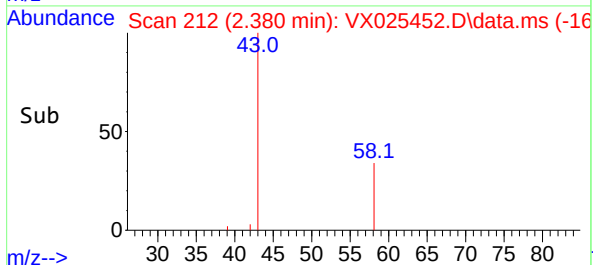
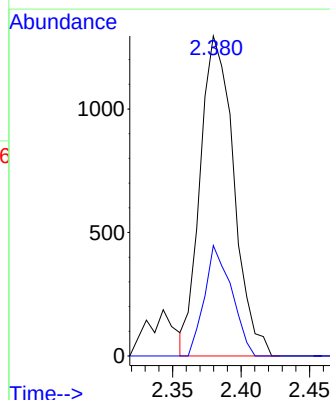
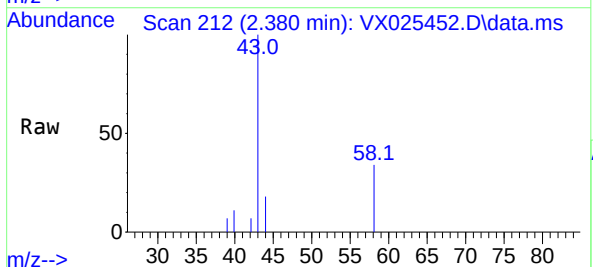


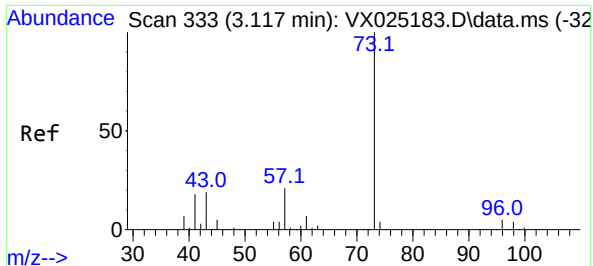
Tgt Ion:168 Resp: 104885
Ion Ratio Lower Upper
168 100
99 53.8 46.4 69.6



#16
Acetone
Concen: 3.60 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

Tgt Ion: 43 Resp: 2214
Ion Ratio Lower Upper
43 100
58 34.5 24.0 36.0





#19

Methyl tert-butyl Ether

Concen: 1.35 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX025452.D

Acq: 03 Dec 2021 01:19

Instrument :

MSVOA_X

ClientSampleId :

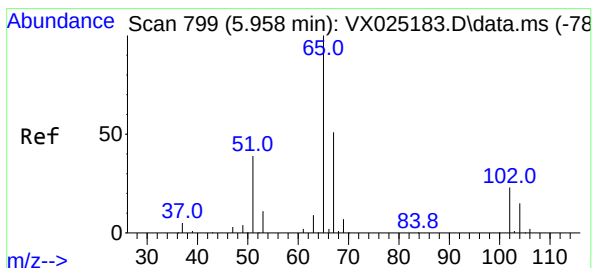
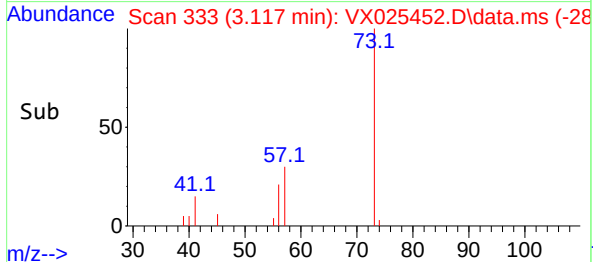
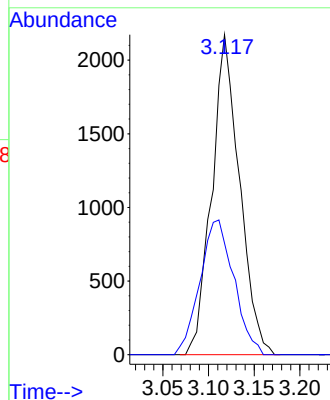
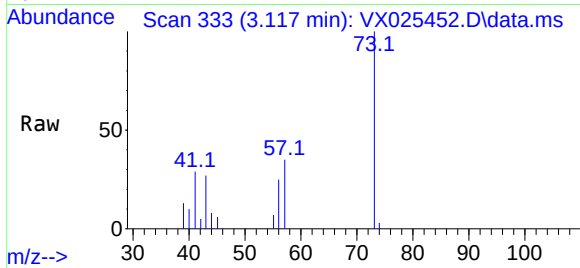
MW-32

Tgt Ion: 73 Resp: 4589

Ion Ratio Lower Upper

73 100

57 34.8 17.5 26.3#



#33

1,2-Dichloroethane-d4

Concen: 56.53 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025452.D

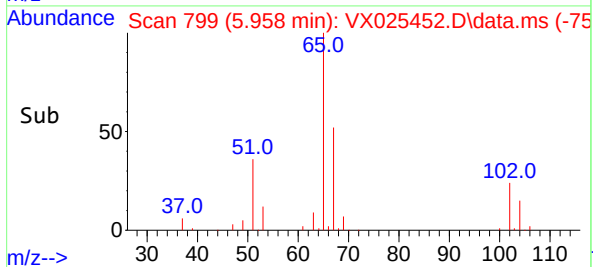
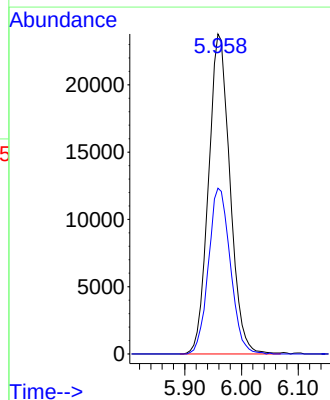
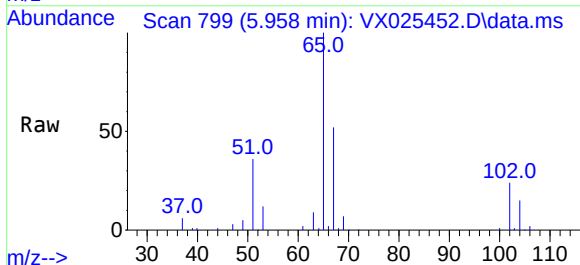
Acq: 03 Dec 2021 01:19

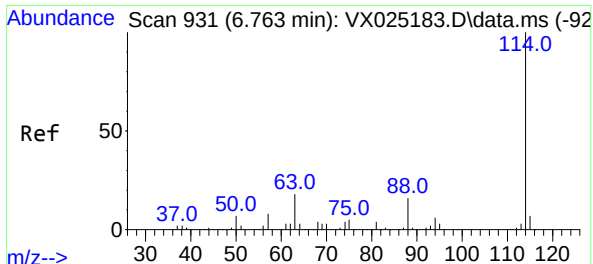
Tgt Ion: 65 Resp: 62498

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX025452.D

Acq: 03 Dec 2021 01:19

Instrument :

MSVOA_X

ClientSampleId :

MW-32

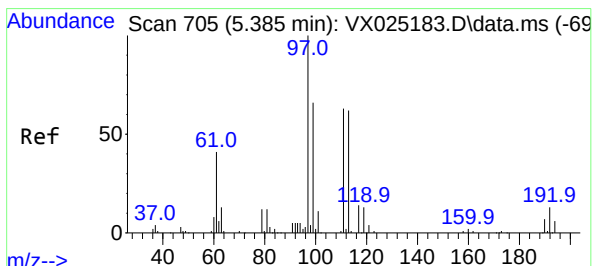
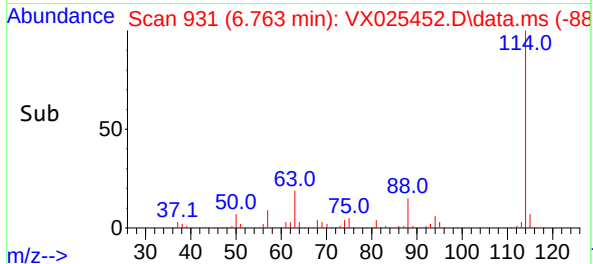
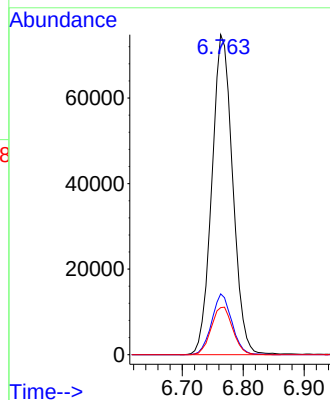
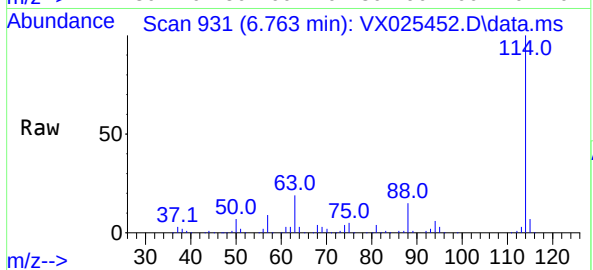
Tgt Ion:114 Resp: 177632

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.0

88 14.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.18 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025452.D

Acq: 03 Dec 2021 01:19

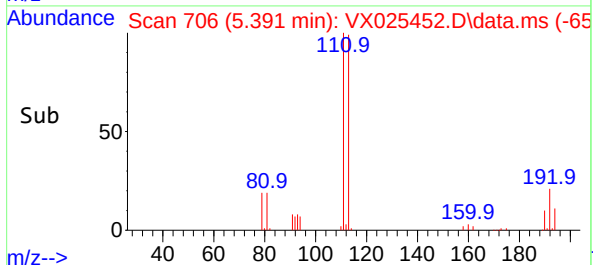
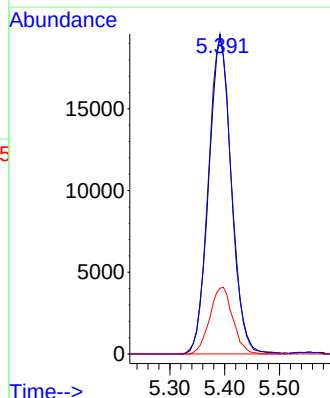
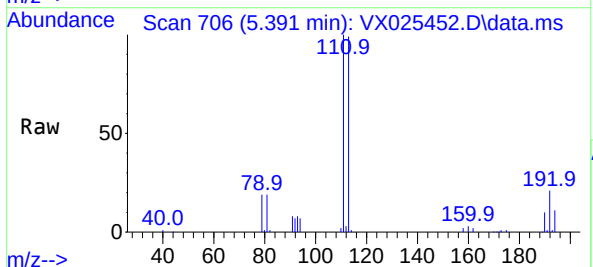
Tgt Ion:113 Resp: 55785

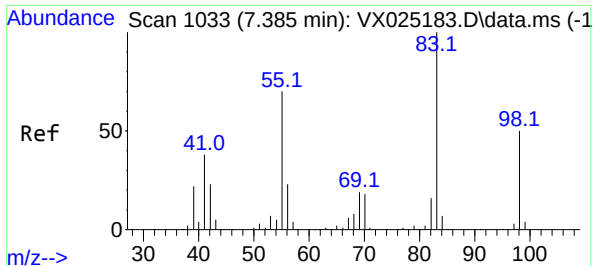
Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 21.3 15.6 23.4

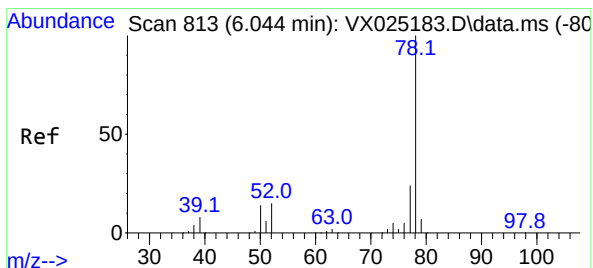
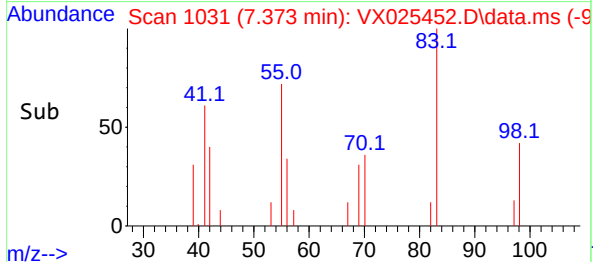
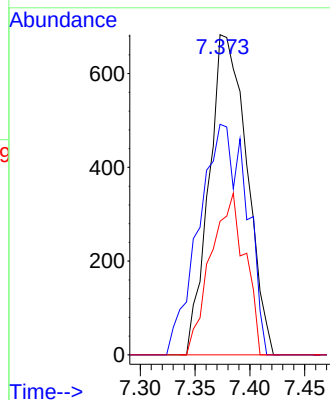
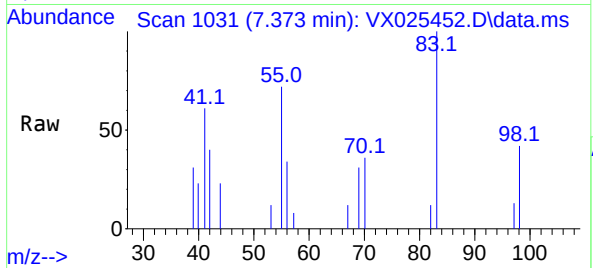




#39
Methylcyclohexane
Concen: 0.82 ug/l
RT: 7.373 min Scan# 1033
Delta R.T. -0.012 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

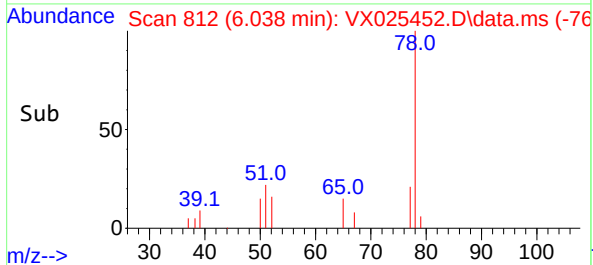
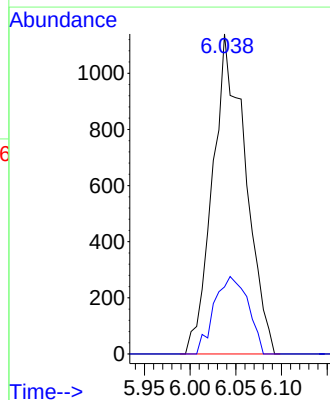
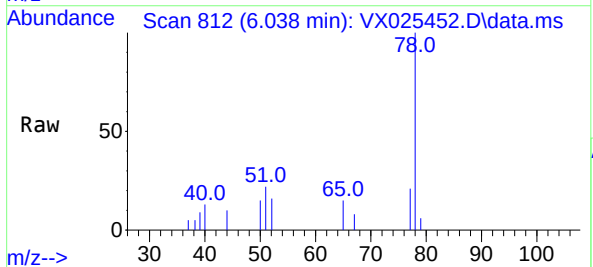
Instrument :
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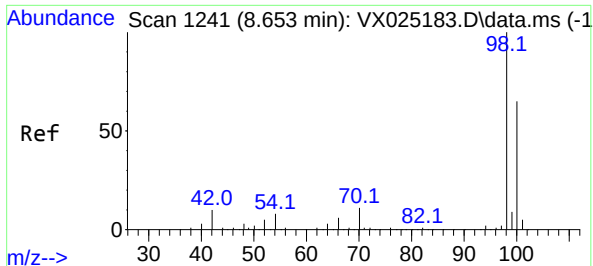
Tgt Ion: 83	Resp: 1636
Ion Ratio	Lower Upper
83 100	
55 72.0	60.8 91.2
98 41.7	37.0 55.4



#40
Benzene
Concen: 0.61 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

Tgt Ion: 78	Resp: 2852
Ion Ratio	Lower Upper
78 100	
77 21.0	18.3 27.5

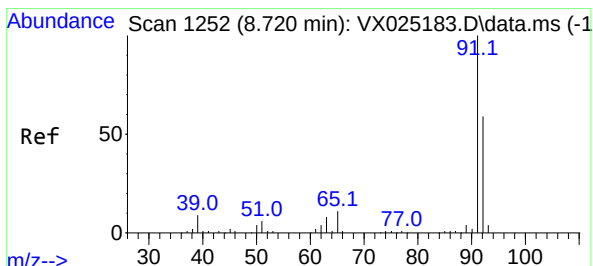
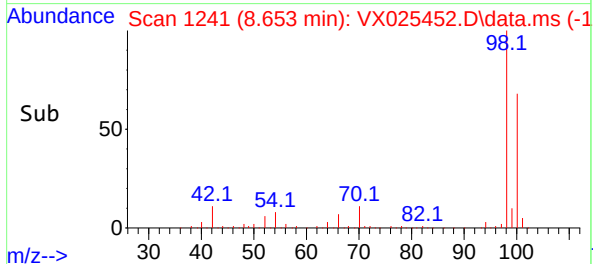
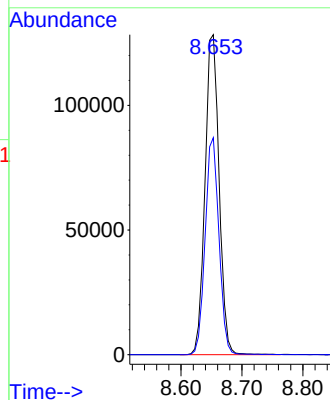
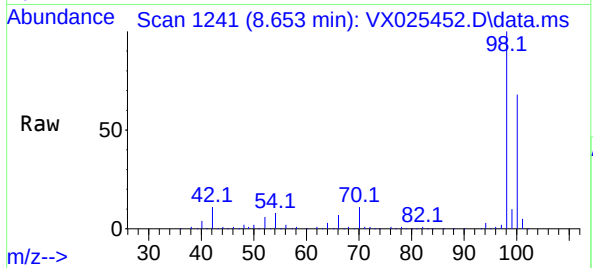




#50
Toluene-d8
Concen: 50.39 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

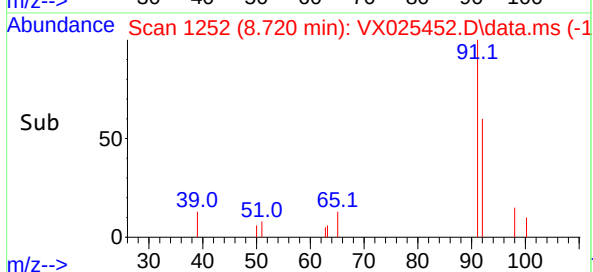
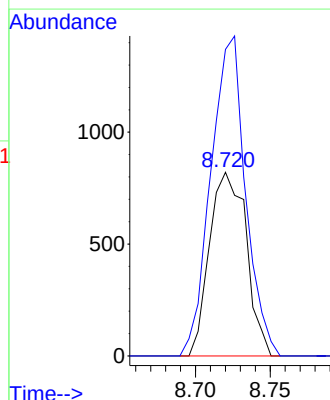
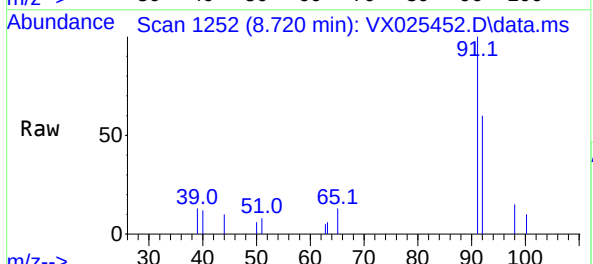
Instrument :
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ClientSampleId :
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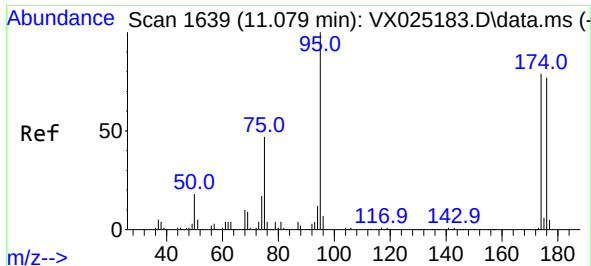
Tgt Ion: 98 Resp: 206490
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0



#52
Toluene
Concen: 0.46 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

Tgt Ion: 92 Resp: 1403
Ion Ratio Lower Upper
92 100
91 164.6 138.6 208.0

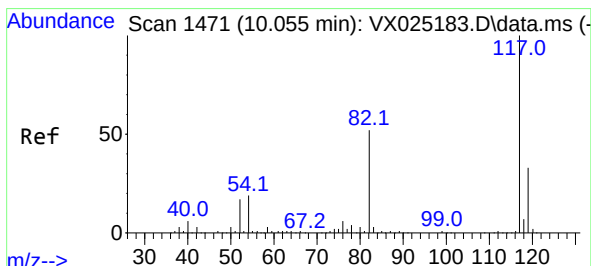
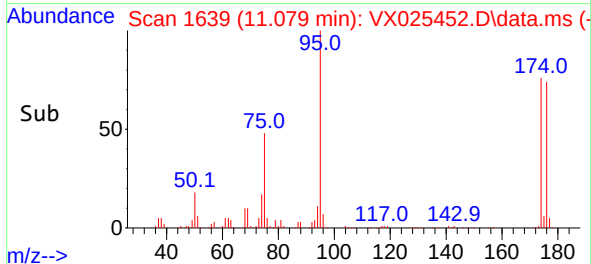
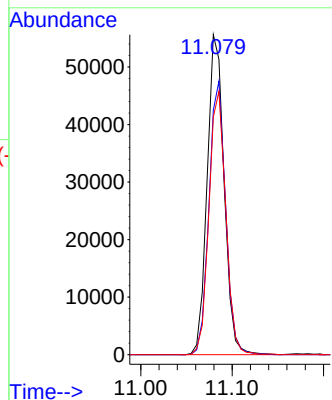
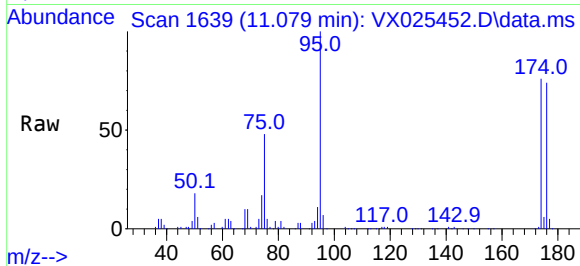




#62
4-Bromofluorobenzene
Concen: 46.20 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

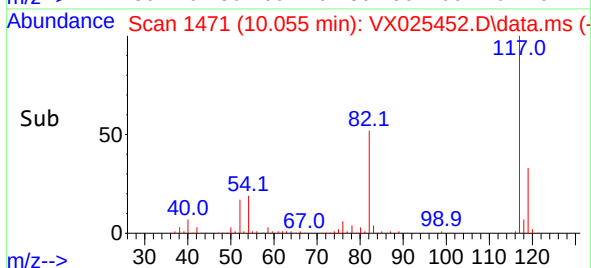
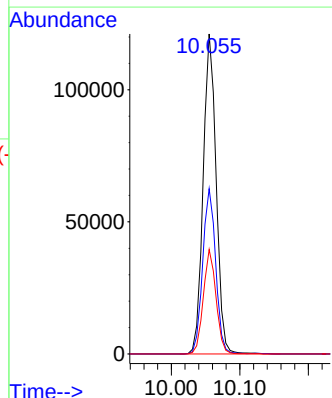
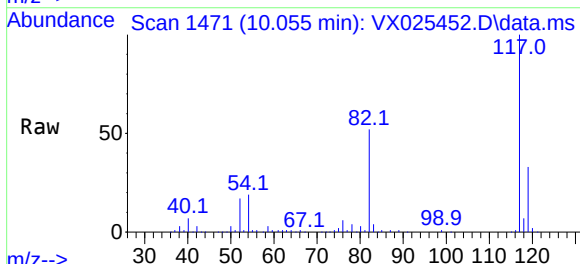
Instrument :
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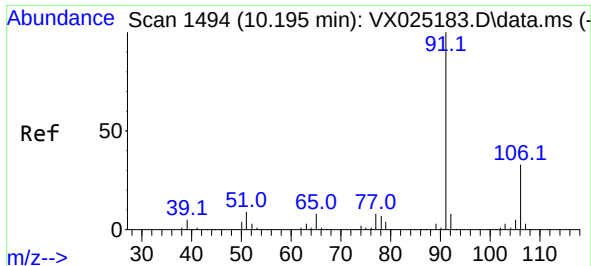
Tgt Ion: 95 Resp: 71619
Ion Ratio Lower Upper
95 100
174 83.7 0.0 158.0
176 81.6 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

Tgt Ion: 117 Resp: 159960
Ion Ratio Lower Upper
117 100
82 51.6 44.6 67.0
119 32.7 24.8 37.2

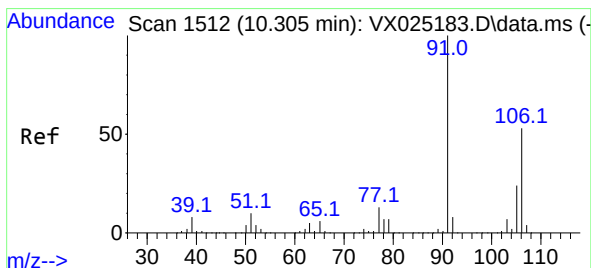
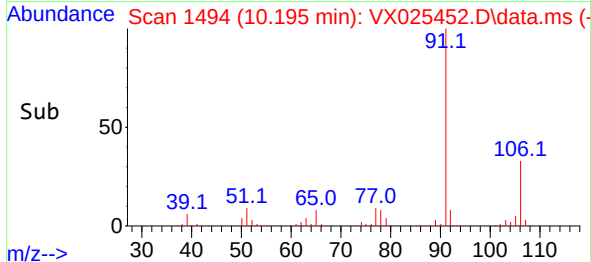
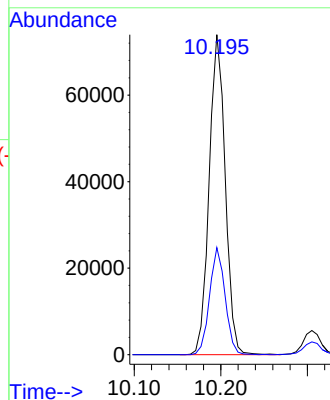
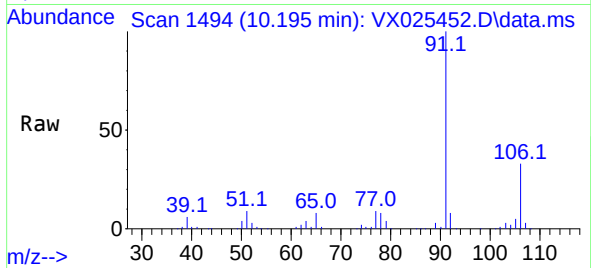




#67
Ethyl Benzene
Concen: 16.90 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

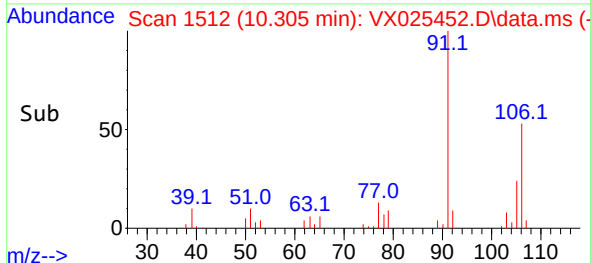
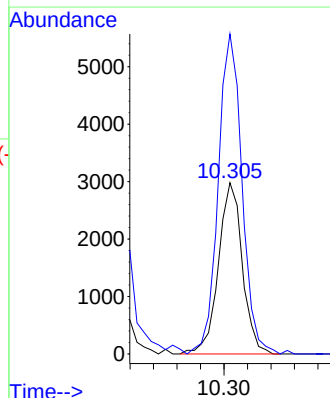
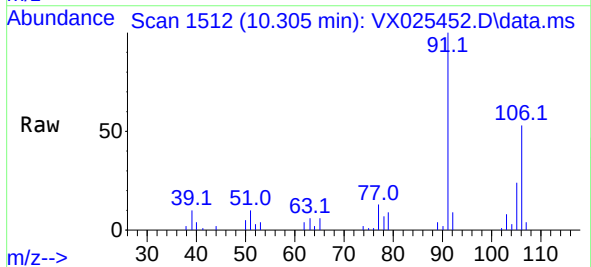
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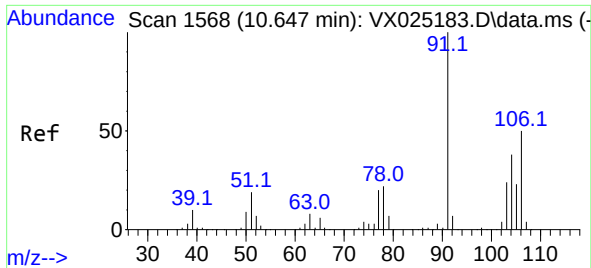
Tgt Ion: 91 Resp: 95197
Ion Ratio Lower Upper
91 100
106 33.4 24.7 37.1



#68
m/p-Xylenes
Concen: 1.83 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

Tgt Ion: 106 Resp: 4221
Ion Ratio Lower Upper
106 100
91 186.2 163.4 245.0

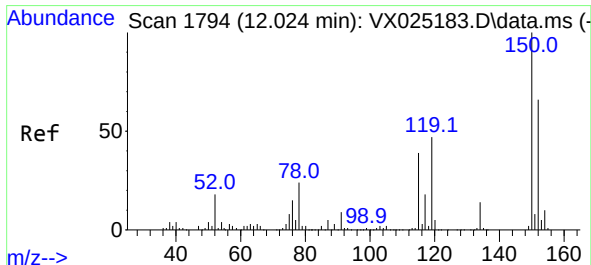
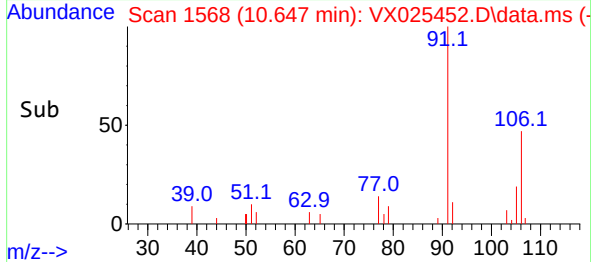
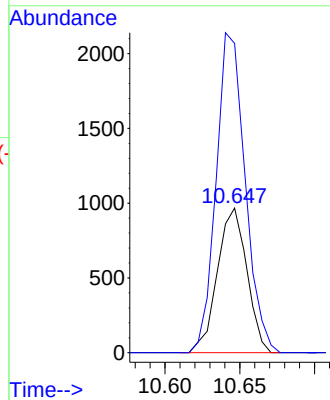
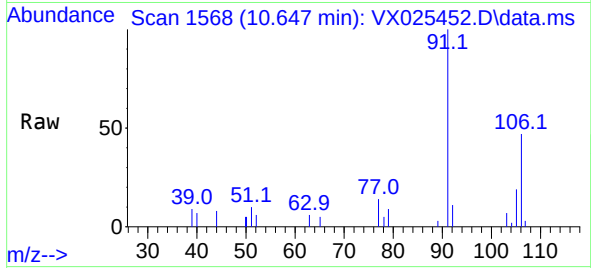




#69
o-Xylene
Concen: 0.59 ug/l
RT: 10.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

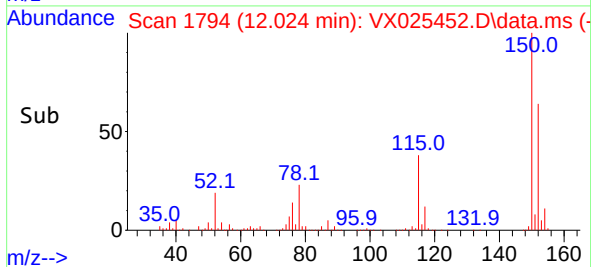
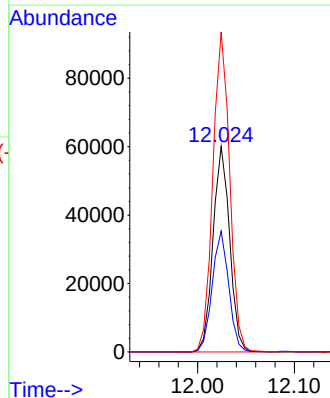
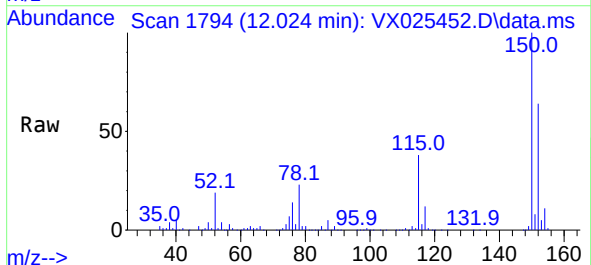
Instrument :
MSVOA_X
ClientSampleId :
MW-32

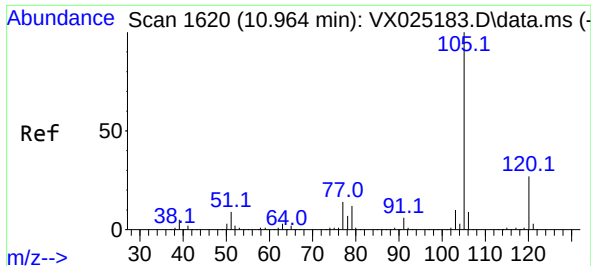
Tgt Ion:106 Resp: 1326
Ion Ratio Lower Upper
106 100
91 218.2 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

Tgt Ion:152 Resp: 71718
Ion Ratio Lower Upper
152 100
115 58.6 43.3 129.8
150 157.9 0.0 351.2

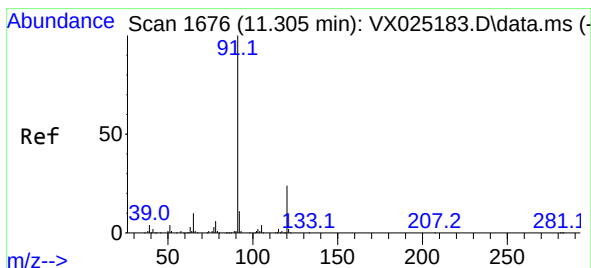
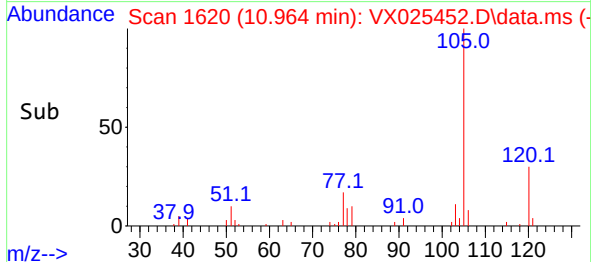
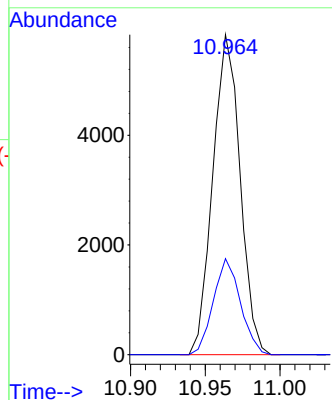
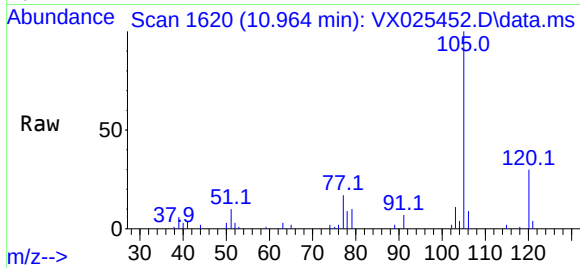




#73
Isopropylbenzene
Concen: 1.45 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

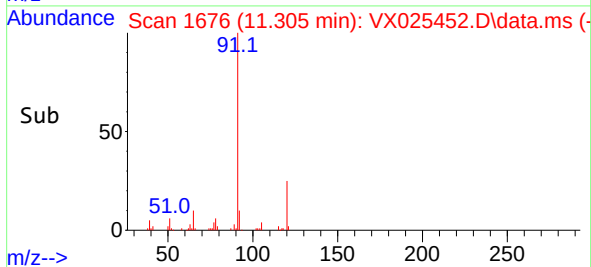
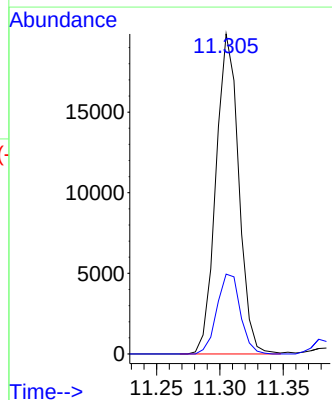
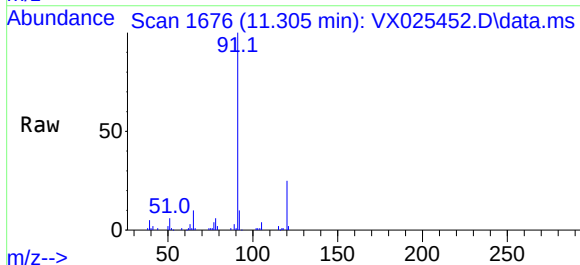
Instrument :
MSVOA_X
ClientSampleId :
MW-32

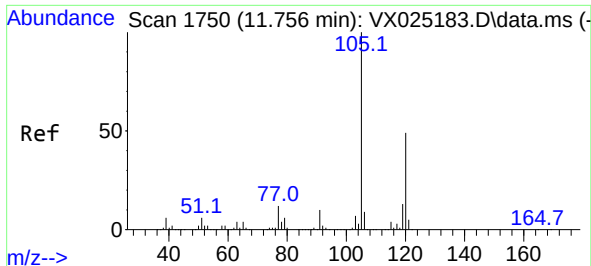
Tgt Ion:105 Resp: 7397
Ion Ratio Lower Upper
105 100
120 29.8 13.3 39.8



#78
n-propylbenzene
Concen: 4.33 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

Tgt Ion: 91 Resp: 24850
Ion Ratio Lower Upper
91 100
120 25.7 11.7 35.0

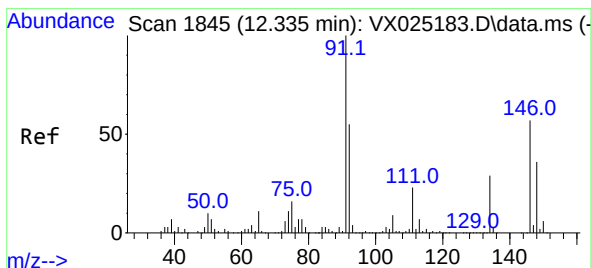
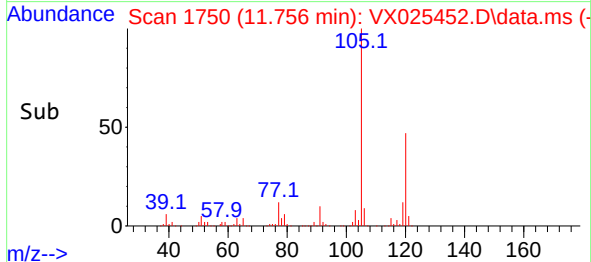
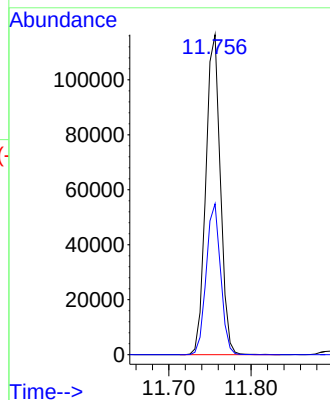
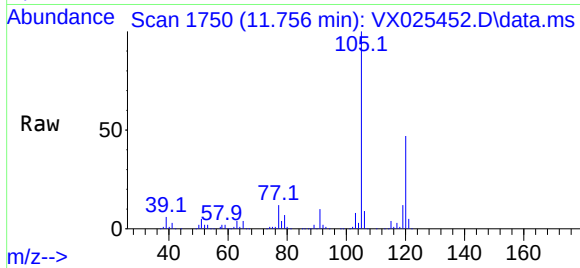




#84
1,2,4-Trimethylbenzene
Concen: 33.69 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

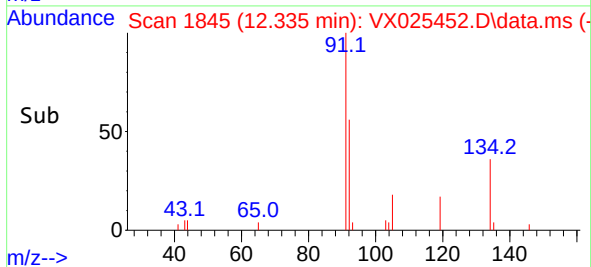
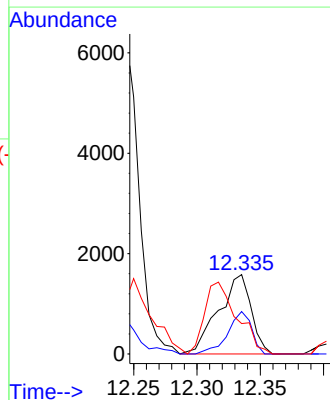
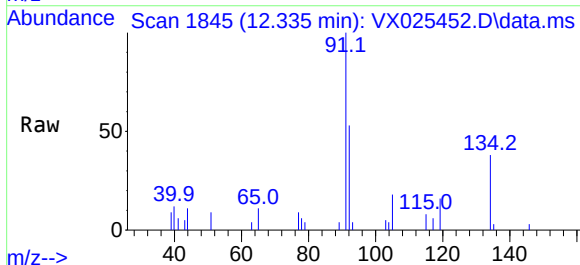
Instrument :
MSVOA_X
ClientSampleId :
MW-32

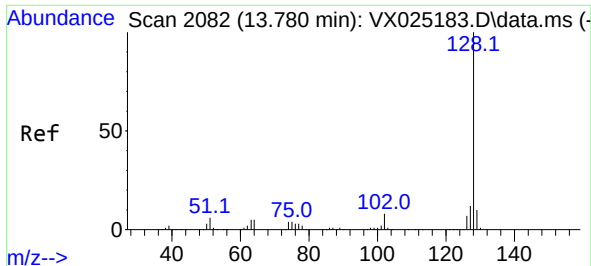
Tgt Ion:105 Resp: 143078
Ion Ratio Lower Upper
105 100
120 46.6 22.1 66.3



#89
n-Butylbenzene
Concen: 0.74 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025452.D
Acq: 03 Dec 2021 01:19

Tgt Ion: 91 Resp: 2839
Ion Ratio Lower Upper
91 100
92 39.0 26.3 78.8
134 90.3 13.0 38.9#





#95

Naphthalene

Concen: 8.45 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX025452.D

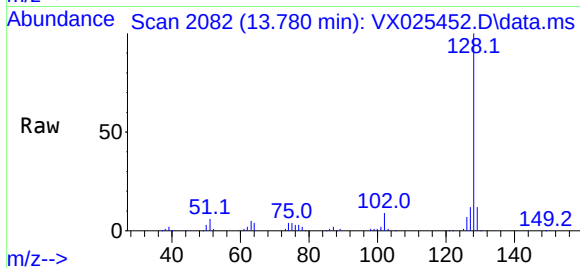
Acq: 03 Dec 2021 01:19

Instrument :

MSVOA_X

ClientSampleId :

MW-32



Tgt Ion:128 Resp: 42410

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 11.5 8.8 13.2

