

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025486.D
 Acq On : 03 Dec 2021 16:42
 Operator : JC/MD
 Sample : M4918-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40

Quant Time: Dec 04 06:51:37 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)

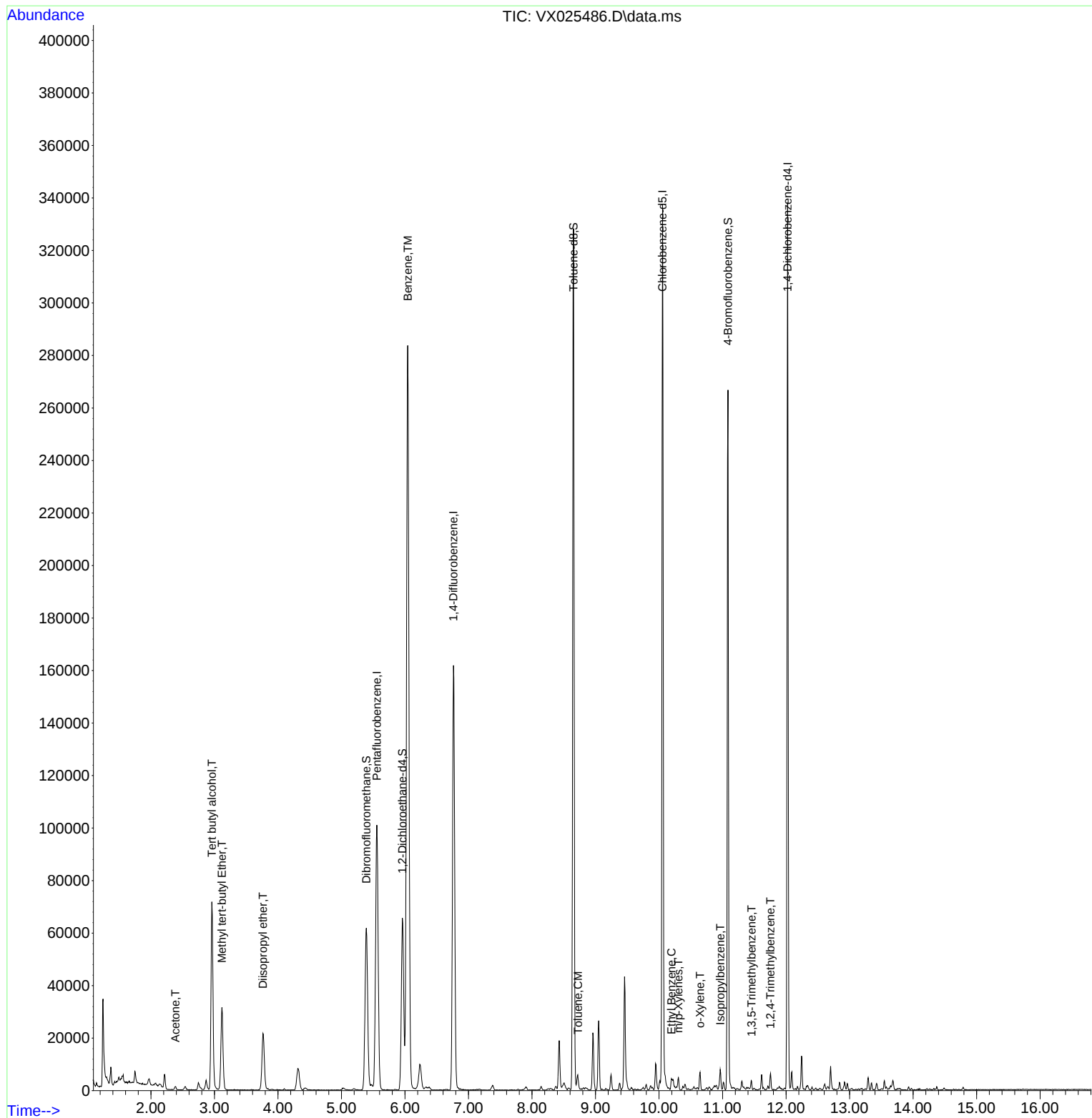
Internal Standards						
1) Pentafluorobenzene	5.556	168	102394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61123	56.63	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	113.26%	
35) Dibromofluoromethane	5.391	113	53723	50.27	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	100.54%	
50) Toluene-d8	8.653	98	199895	49.75	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.085	95	70387	46.31	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	92.62%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	85426	322.57	ug/l	99
16) Acetone	2.386	43	1455	2.43	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	34527	10.44	ug/l	98
22) Diisopropyl ether	3.763	45	22992	7.03	ug/l #	84
40) Benzene	6.043	78	350668	76.18	ug/l	99
52) Toluene	8.726	92	1323	0.44	ug/l	97
67) Ethyl Benzene	10.195	91	3751	0.68	ug/l	97
68) m/p-Xylenes	10.305	106	1208	0.53	ug/l	87
69) o-Xylene	10.646	106	1397	0.63	ug/l	90
73) Isopropylbenzene	10.963	105	3648	0.73	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1839	0.44	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	2820	0.68	ug/l	95

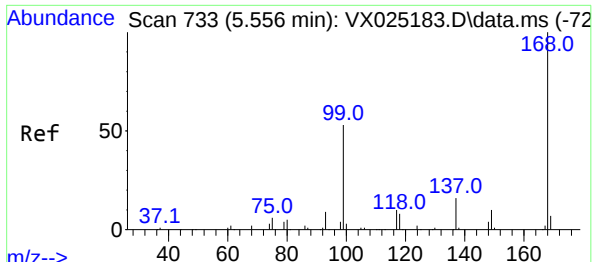
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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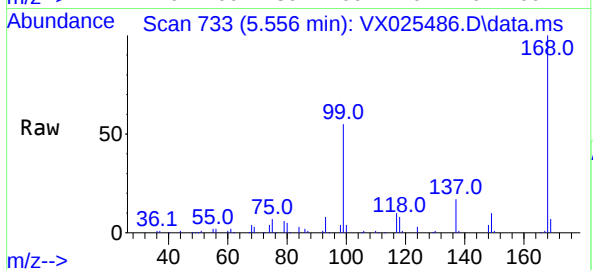
Quant Time: Dec 04 06:51:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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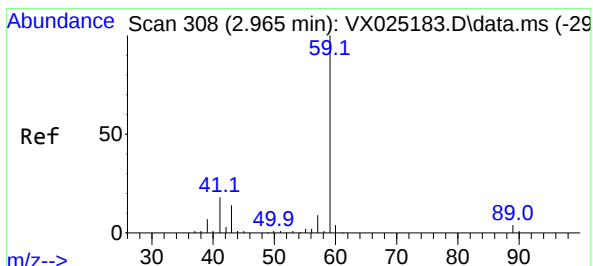
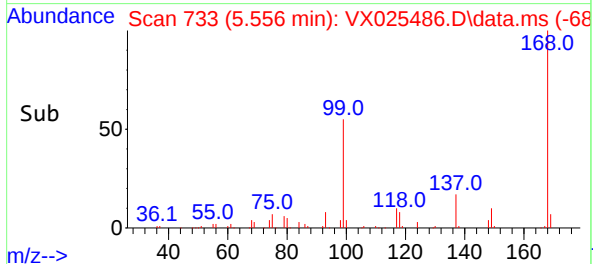
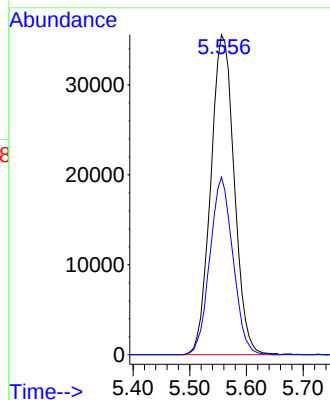


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :
MW-40

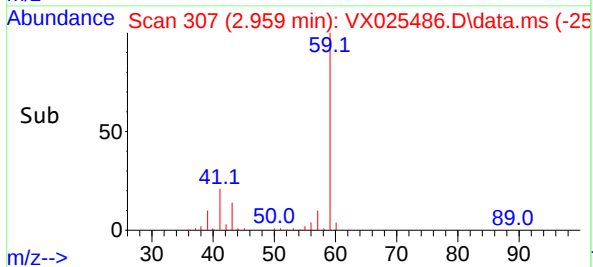
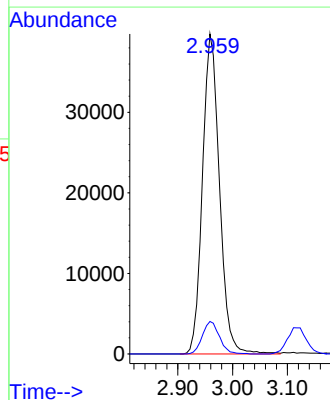
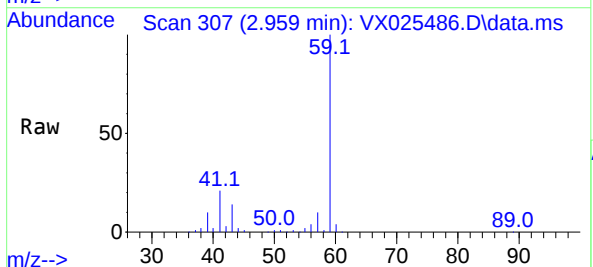


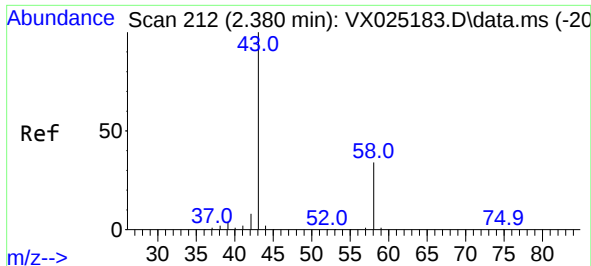
Tgt Ion:168 Resp: 102394
Ion Ratio Lower Upper
168 100
99 55.5 46.4 69.6



#11
Tert butyl alcohol
Concen: 322.57 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Tgt Ion: 59 Resp: 85426
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

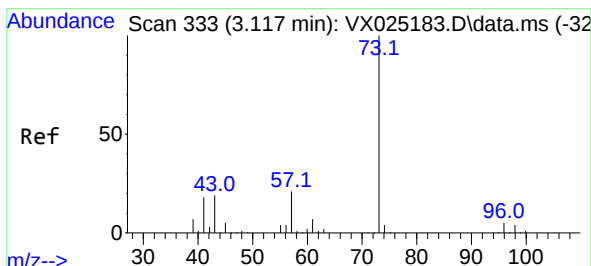
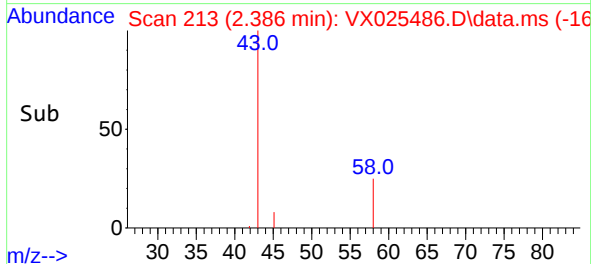
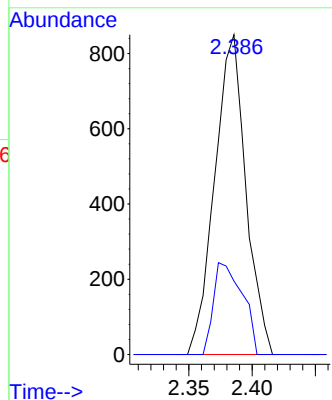
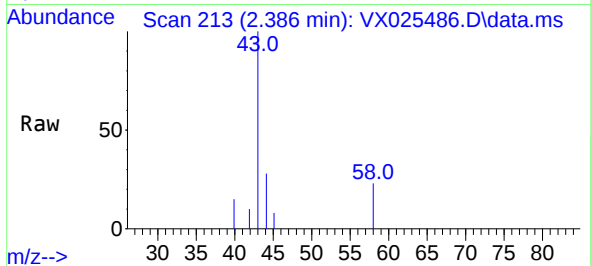




#16
Acetone
Concen: 2.43 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

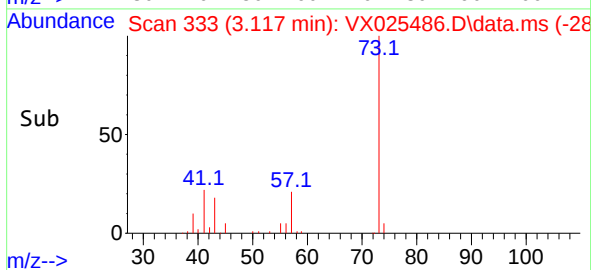
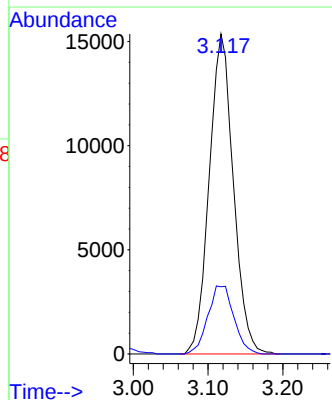
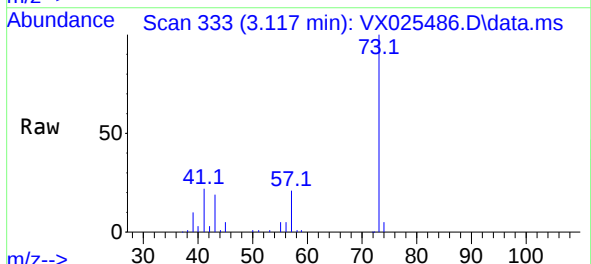
Instrument :
MSVOA_X
ClientSampleId :
MW-40

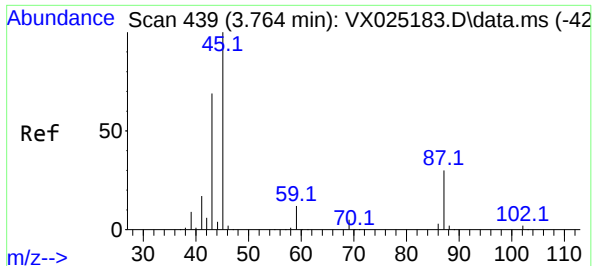
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 22.9 24.0 36.0#



#19
Methyl tert-butyl Ether
Concen: 10.44 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Tgt Ion: 73 Resp: 34527
Ion Ratio Lower Upper
73 100
57 21.0 17.5 26.3

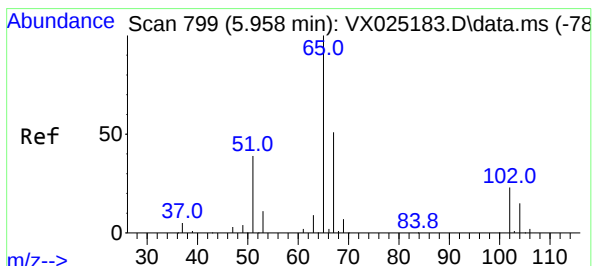
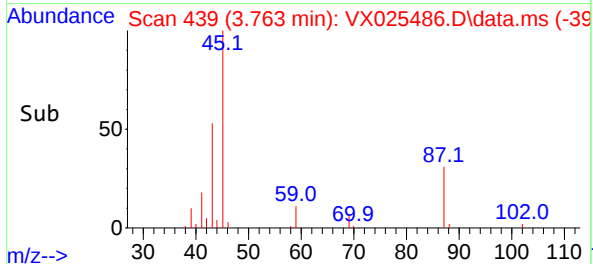
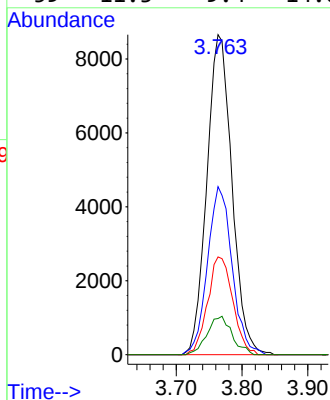
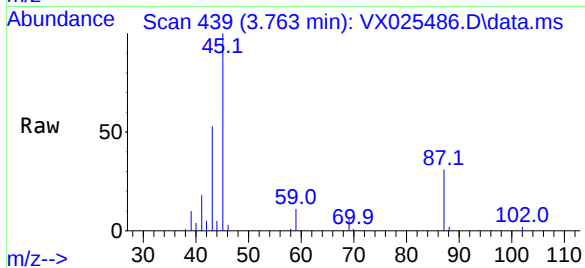




#22
Diisopropyl ether
Concen: 7.03 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

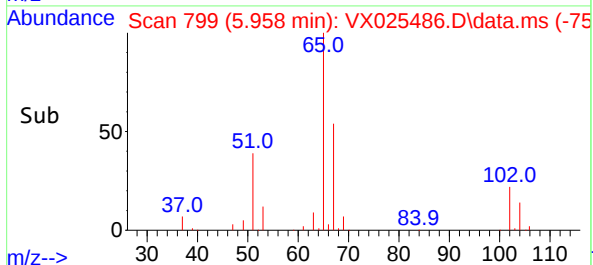
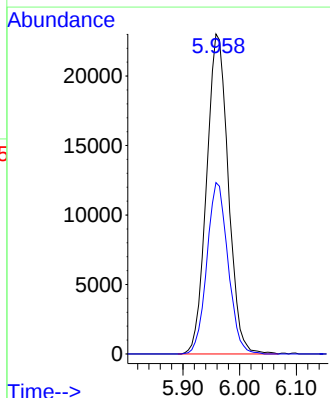
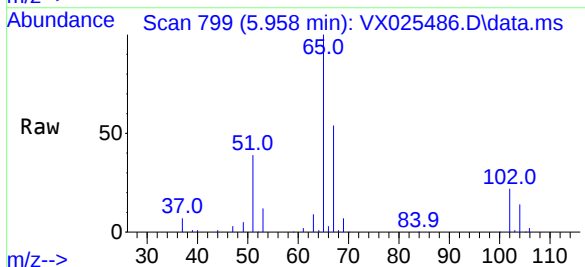
Instrument :
MSVOA_X
ClientSampleId :
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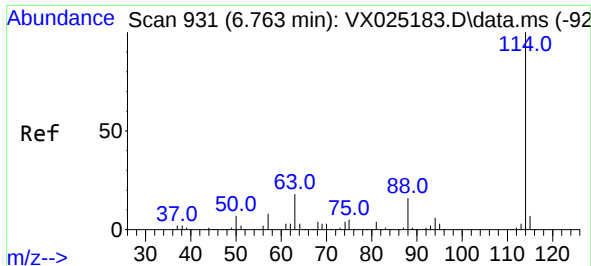
Tgt Ion:	45	Resp:	22992
Ion	Ratio	Lower	Upper
45	100		
43	52.5	58.3	87.5#
87	30.5	23.7	35.5
59	11.3	9.4	14.0



#33
1,2-Dichloroethane-d4
Concen: 56.63 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Tgt Ion:	65	Resp:	61123
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.0

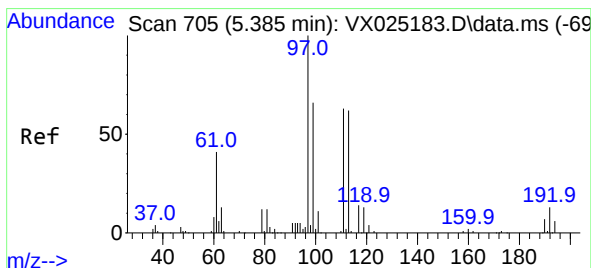
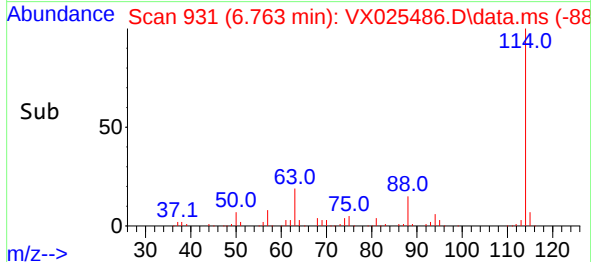
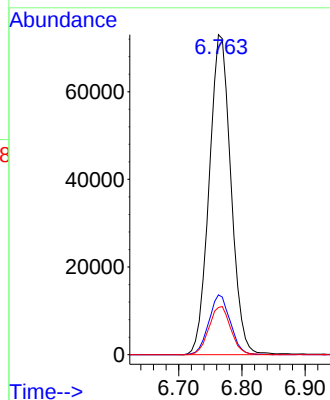
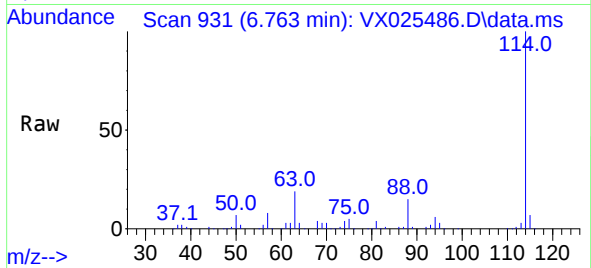




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

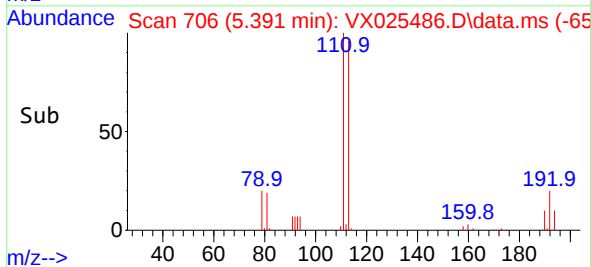
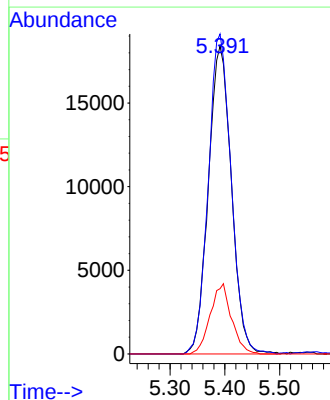
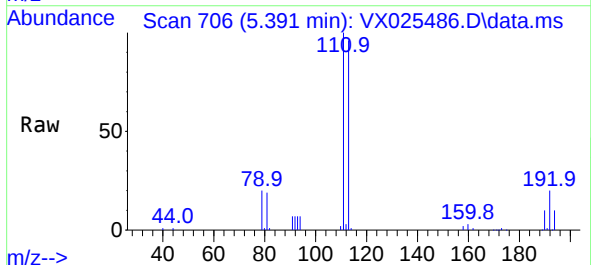
Instrument :
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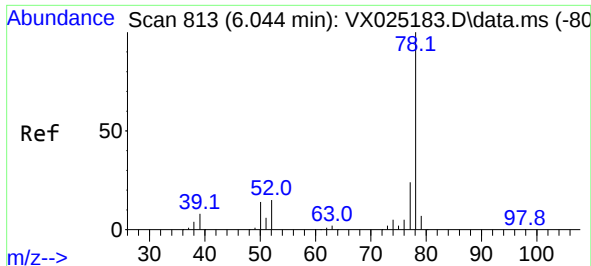
Tgt Ion:114 Resp: 174173
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.0
88 14.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.27 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Tgt Ion:113 Resp: 53723
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 21.0 15.6 23.4

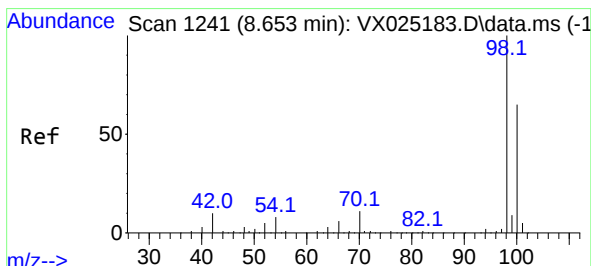
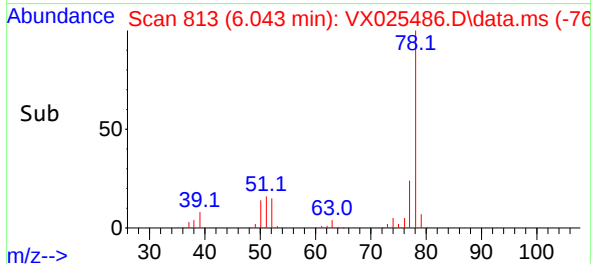
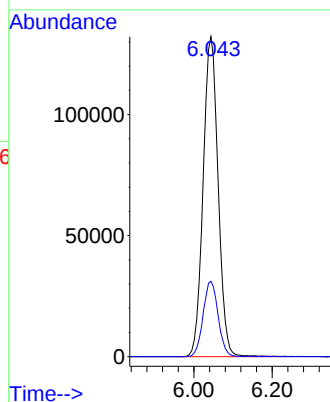
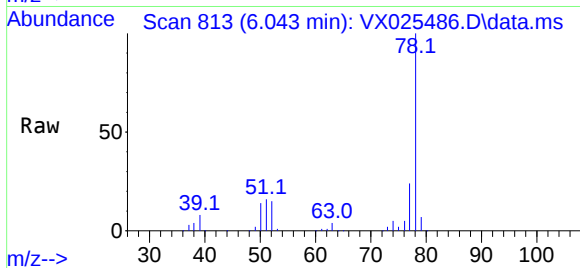




#40
Benzene
Concen: 76.18 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

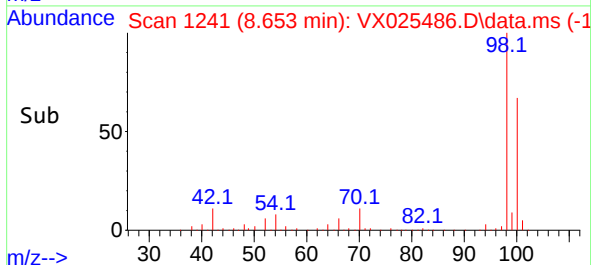
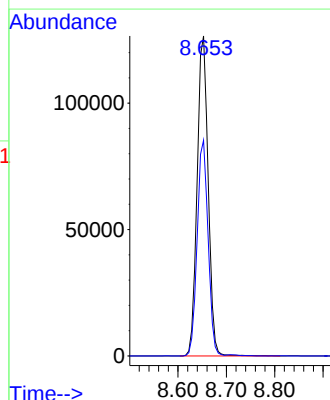
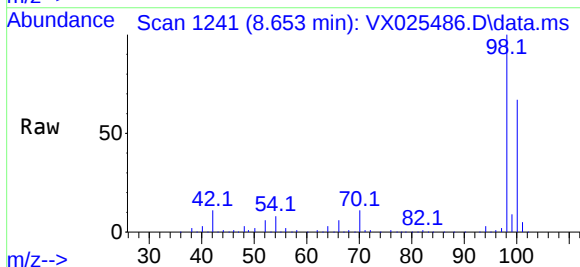
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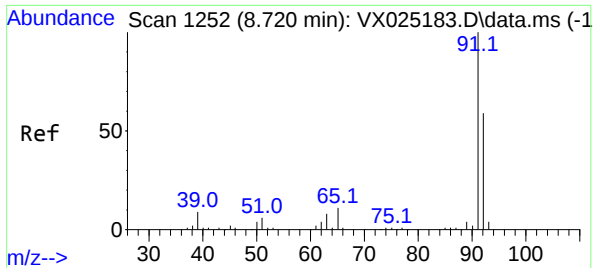
Tgt Ion: 78 Resp: 350668
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5



#50
Toluene-d8
Concen: 49.75 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Tgt Ion: 98 Resp: 199895
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0

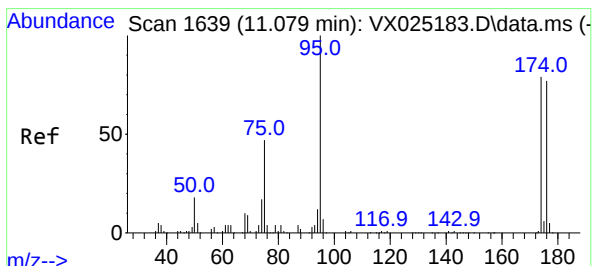
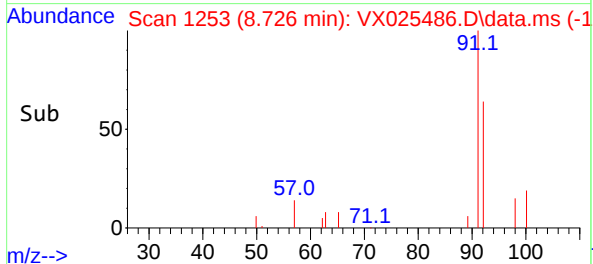
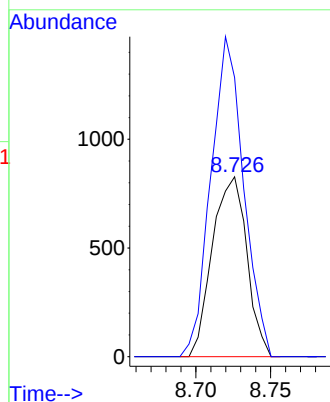
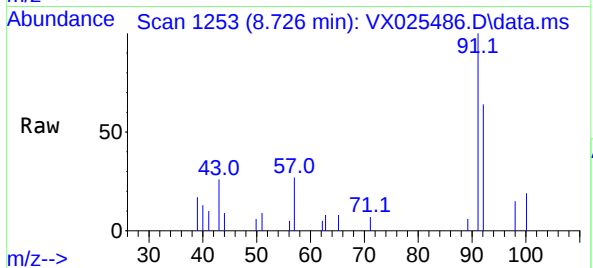




#52
Toluene
Concen: 0.44 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

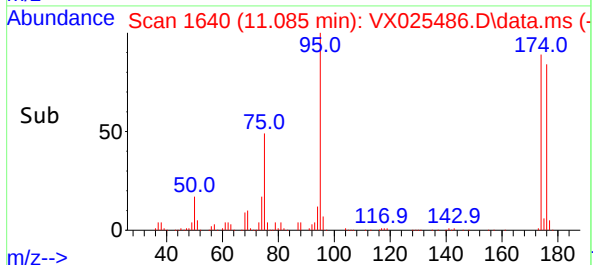
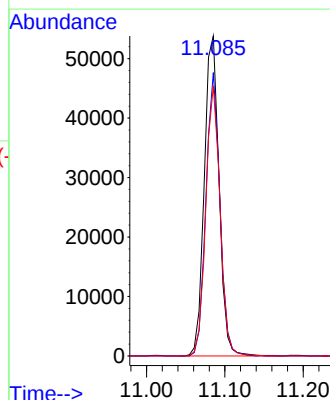
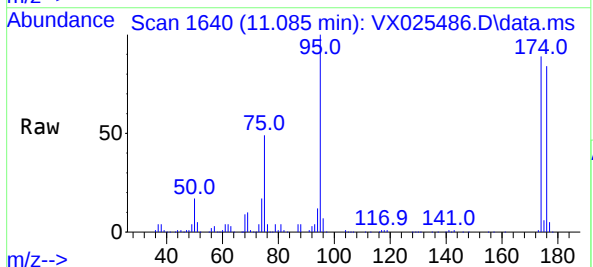
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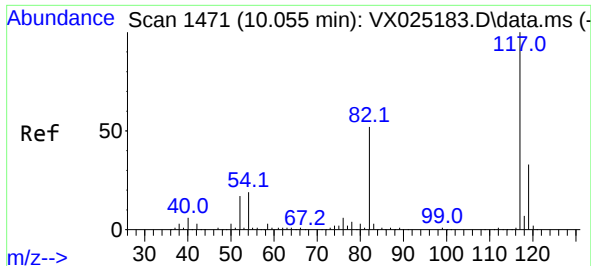
Tgt Ion: 92 Resp: 1323
Ion Ratio Lower Upper
92 100
91 169.4 138.6 208.0



#62
4-Bromofluorobenzene
Concen: 46.31 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Tgt Ion: 95 Resp: 70387
Ion Ratio Lower Upper
95 100
174 83.8 0.0 158.0
176 81.4 0.0 153.6

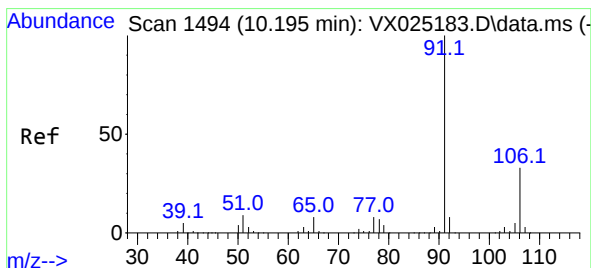
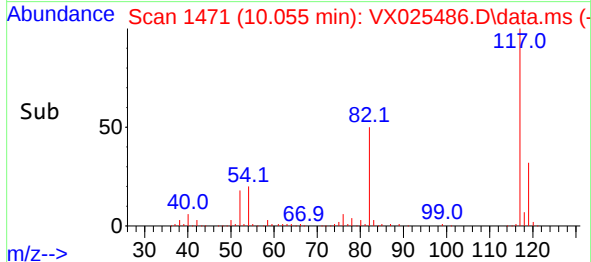
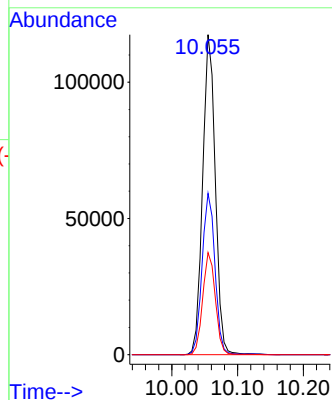
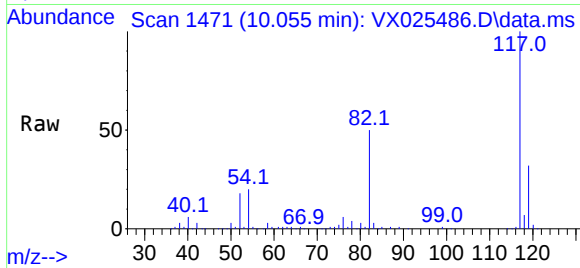




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

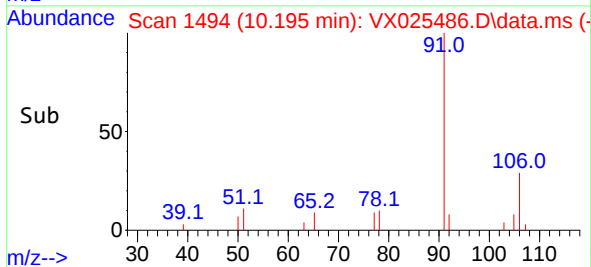
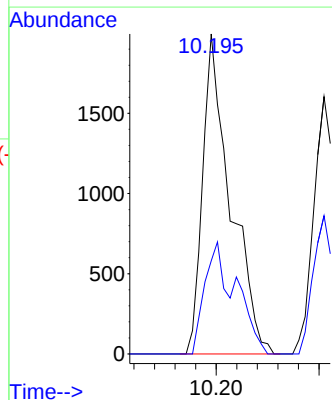
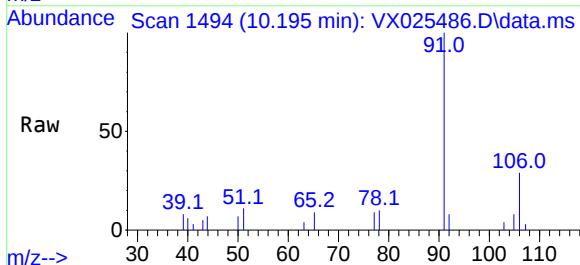
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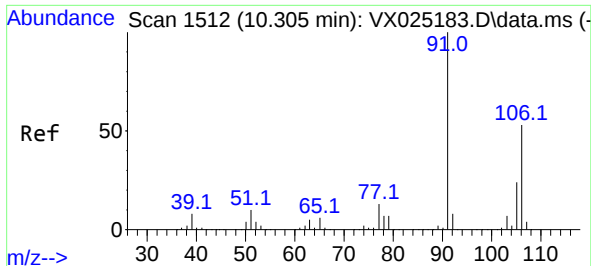
Tgt Ion:117 Resp: 157508
Ion Ratio Lower Upper
117 100
82 50.4 44.6 67.0
119 31.9 24.8 37.2



#67
Ethyl Benzene
Concen: 0.68 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Tgt Ion: 91 Resp: 3751
Ion Ratio Lower Upper
91 100
106 29.1 24.7 37.1

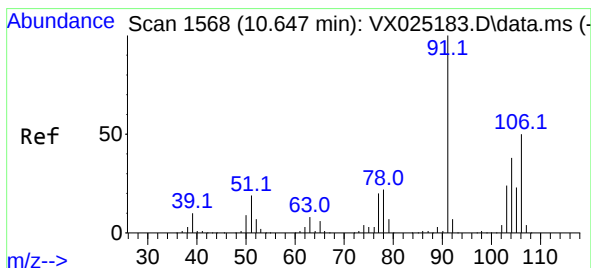
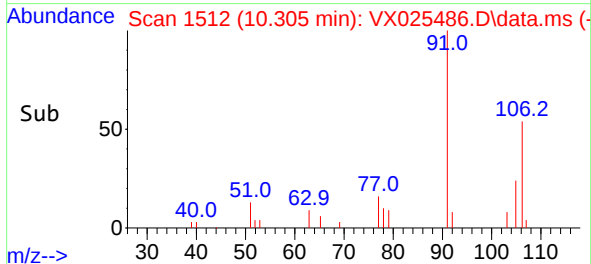
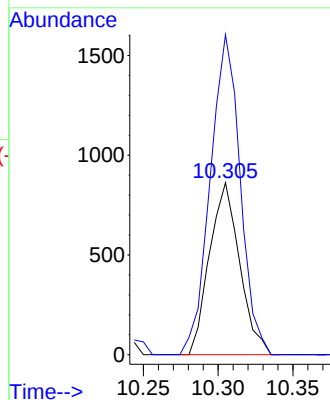
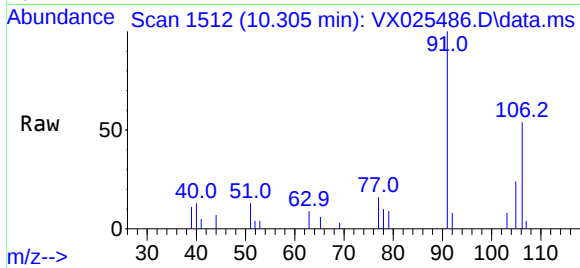




#68
m/p-Xylenes
Concen: 0.53 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

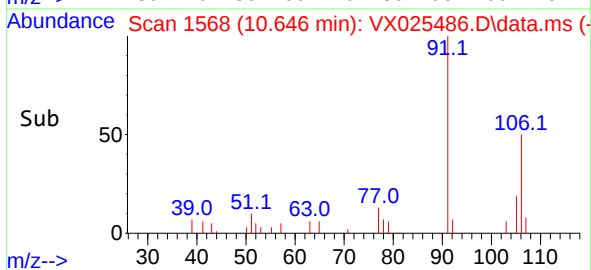
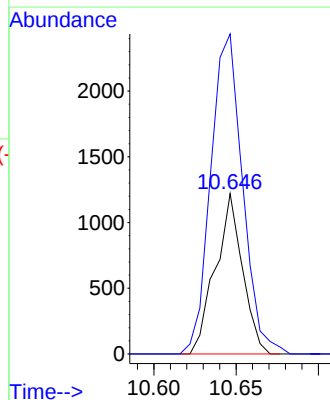
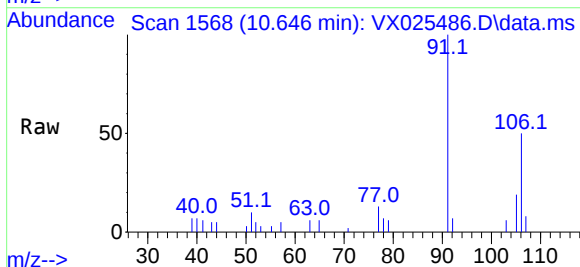
Instrument :
MSVOA_X
ClientSampleId :
MW-40

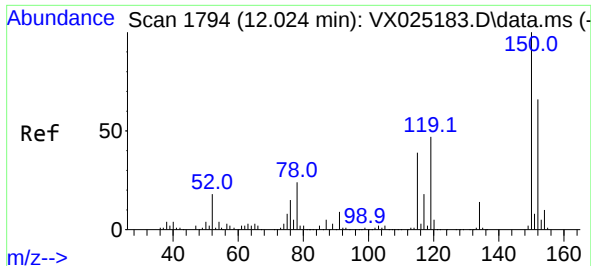
Tgt Ion:106 Resp: 1208
Ion Ratio Lower Upper
106 100
91 185.0 163.4 245.0



#69
o-Xylene
Concen: 0.63 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Tgt Ion:106 Resp: 1397
Ion Ratio Lower Upper
106 100
91 234.6 109.5 328.4

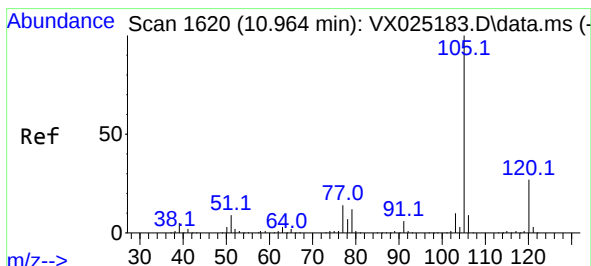
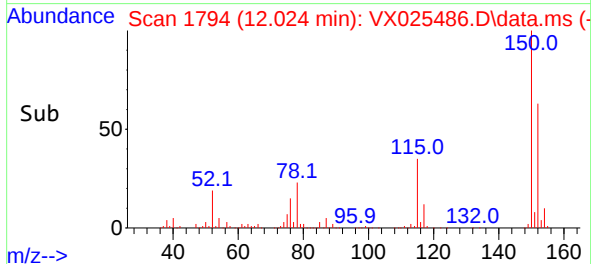
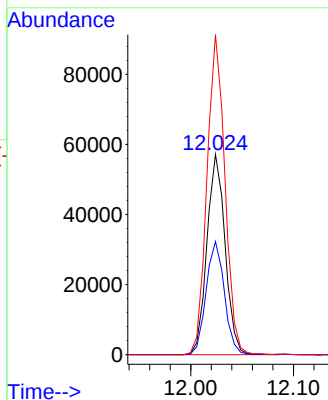
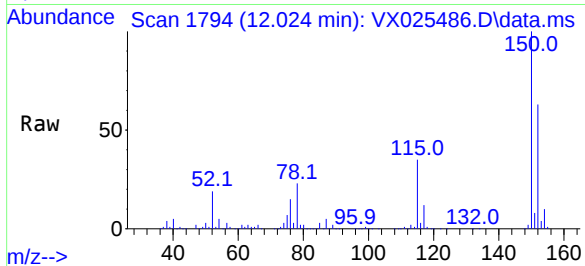




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

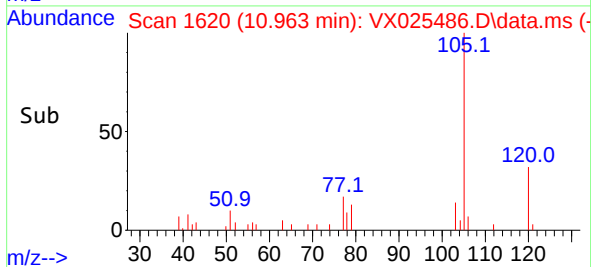
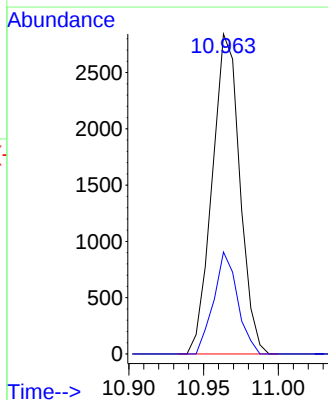
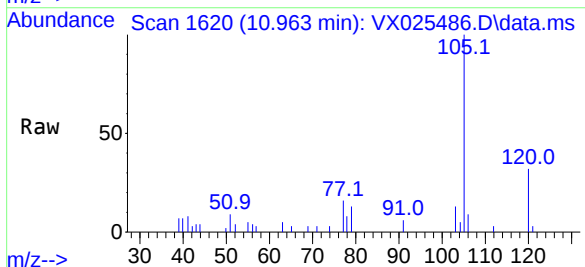
Instrument :
MSVOA_X
ClientSampleId :
MW-40

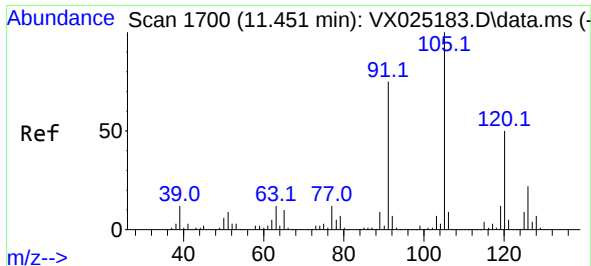
Tgt Ion:152 Resp: 70421
Ion Ratio Lower Upper
152 100
115 56.9 43.3 129.8
150 157.9 0.0 351.2



#73
Isopropylbenzene
Concen: 0.73 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Tgt Ion:105 Resp: 3648
Ion Ratio Lower Upper
105 100
120 27.6 13.3 39.8

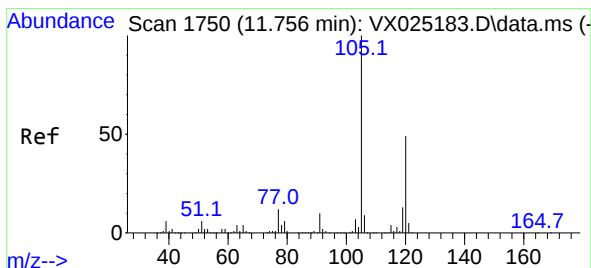
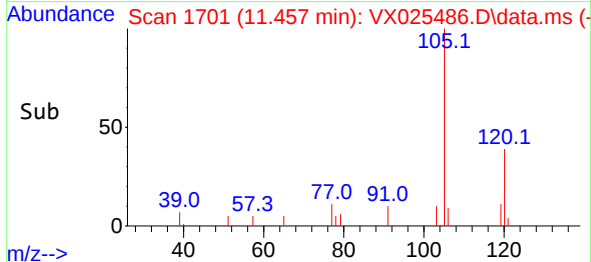
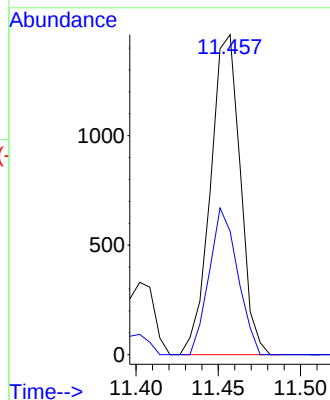
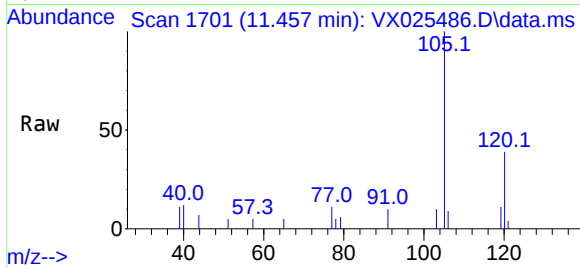




#80
1,3,5-Trimethylbenzene
Concen: 0.44 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :
MW-40

Tgt Ion:105 Resp: 1839
Ion Ratio Lower Upper
105 100
120 43.7 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 0.68 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025486.D
Acq: 03 Dec 2021 16:42

Tgt Ion:105 Resp: 2820
Ion Ratio Lower Upper
105 100
120 47.7 22.1 66.3

