

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022691.D
 Acq On : 14 Jun 2021 13:53
 Operator : JC/MD
 Sample : M2688-03DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Quant Time: Jun 15 06:11:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

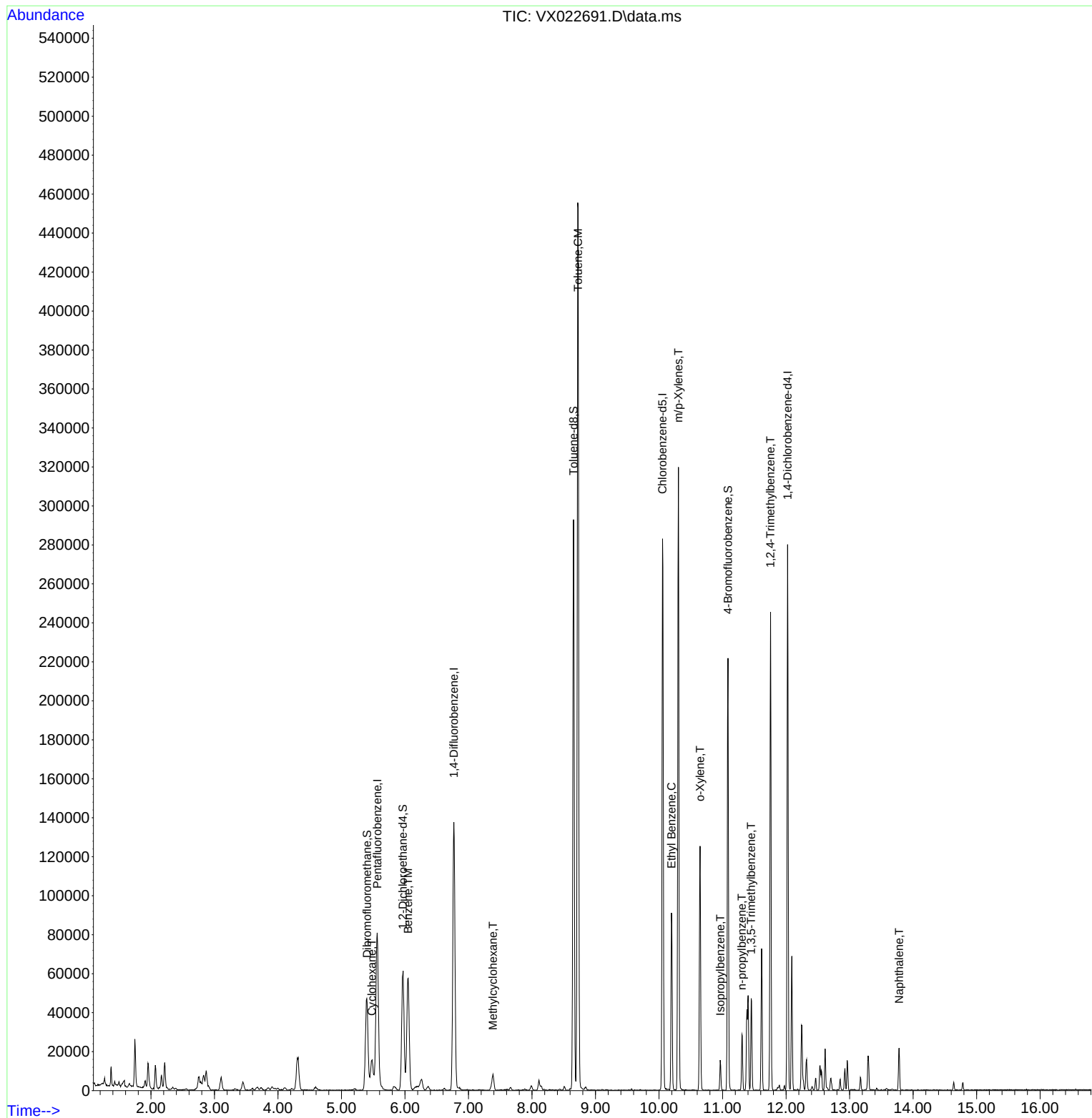
Internal Standards						
1) Pentafluorobenzene	5.562	168	67985	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56299	46.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.100%
35) Dibromofluoromethane	5.403	113	40638	47.769	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.653	98	164988	49.197	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.085	95	59077	46.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.160%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.476	56	10862	7.364	ug/l	# 81
39) Methylcyclohexane	7.385	83	3295	2.377	ug/l	86
40) Benzene	6.049	78	68903	17.433	ug/l	98
52) Toluene	8.726	92	171568	69.743	ug/l	99
67) Ethyl Benzene	10.195	91	51336	11.161	ug/l	99
68) m/p-Xylenes	10.305	106	66931	40.173	ug/l	93
69) o-Xylene	10.646	106	26545	16.444	ug/l	99
73) Isopropylbenzene	10.963	105	7289	1.826	ug/l	97
78) n-propylbenzene	11.305	91	17438	3.617	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	20237	6.086	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	100597	29.827	ug/l	97
95) Naphthalene	13.780	128	13003	4.529	ug/l	98

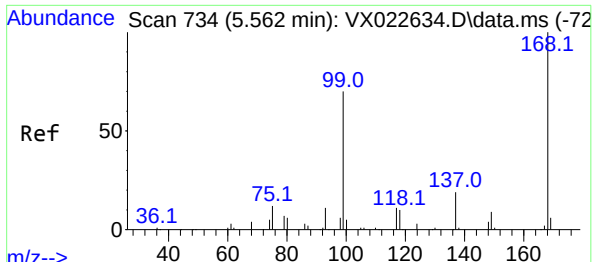
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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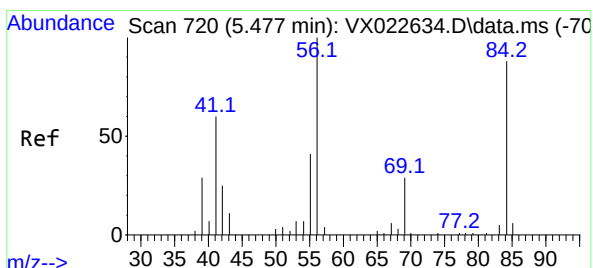
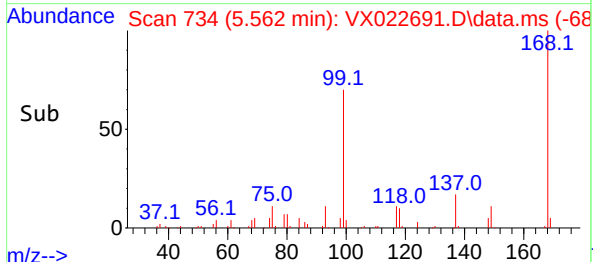
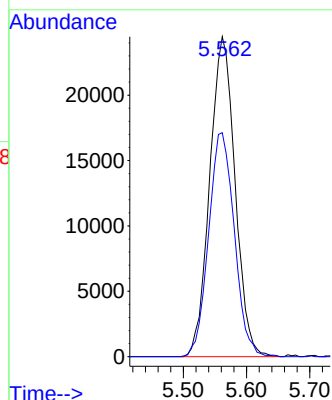
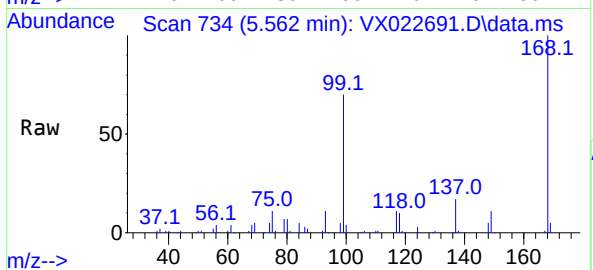




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

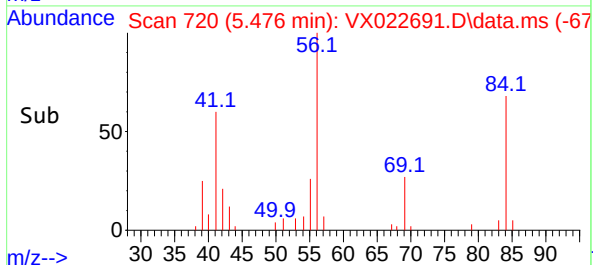
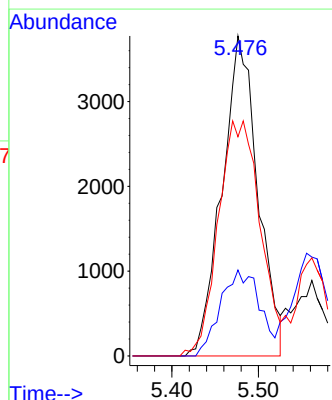
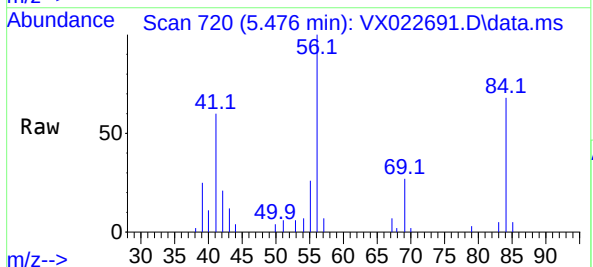
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

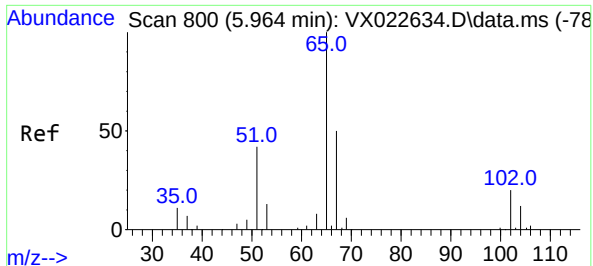
Tgt Ion:168 Resp: 67985
Ion Ratio Lower Upper
168 100
99 70.0 45.8 68.6#



#31
Cyclohexane
Concen: 7.364 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.001 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Tgt Ion: 56 Resp: 10862
Ion Ratio Lower Upper
56 100
69 26.8 25.3 37.9
84 68.5 71.4 107.0#



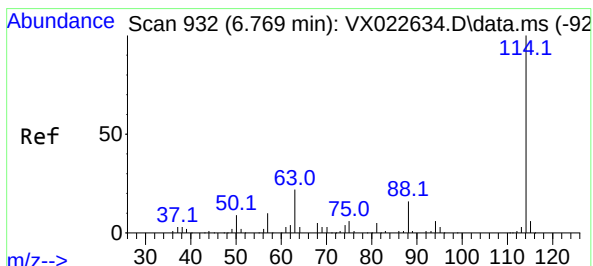
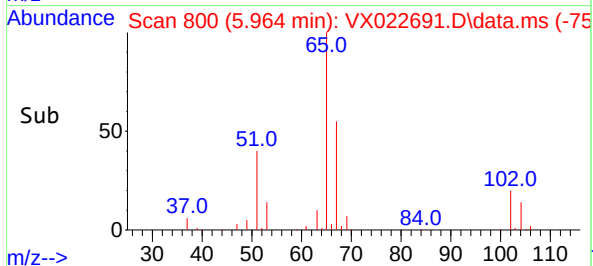
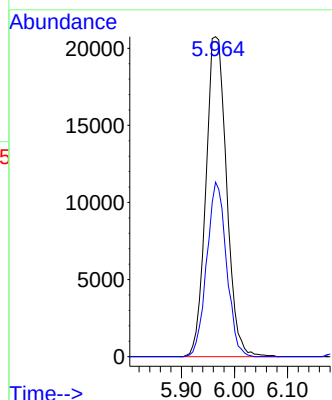
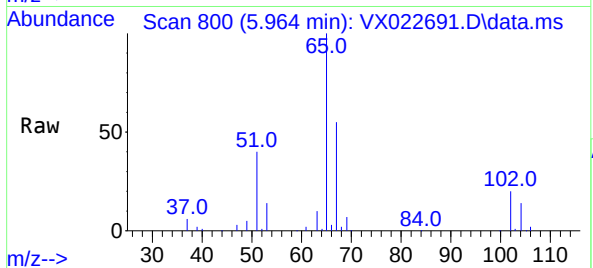


#33

1,2-Dichloroethane-d4
Concen: 46.045 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

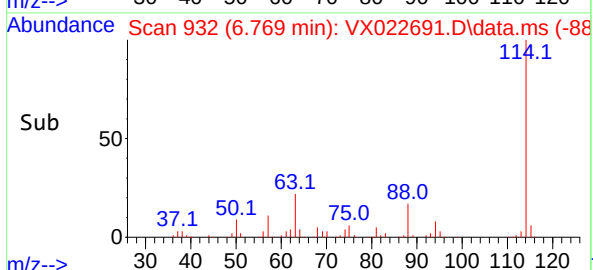
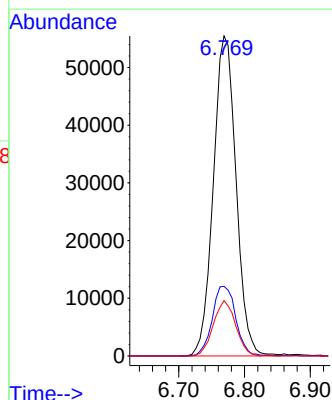
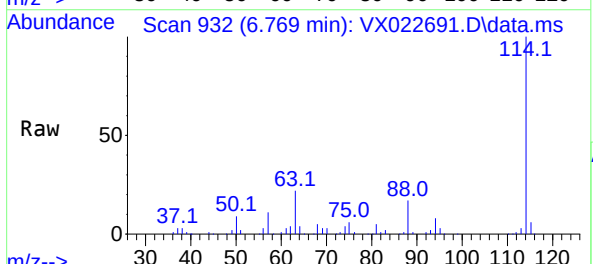
Tgt Ion: 65 Resp: 56299
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

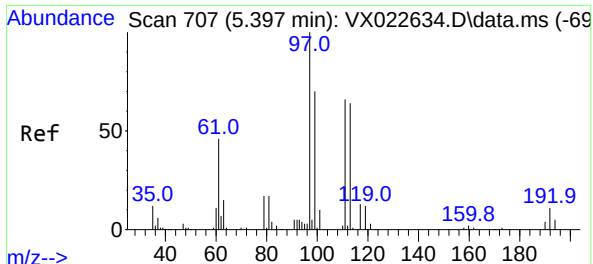


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Tgt Ion: 114 Resp: 133337
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 17.3 0.0 32.8

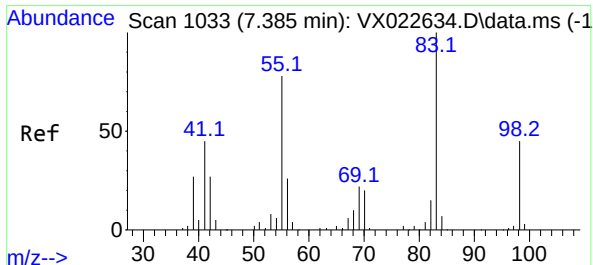
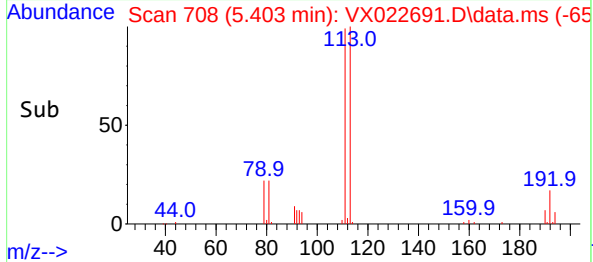
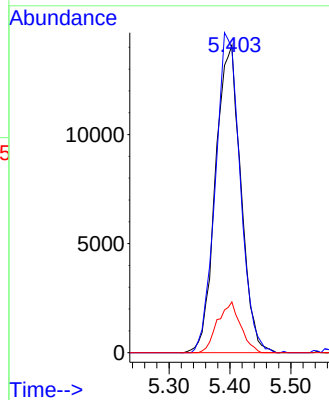
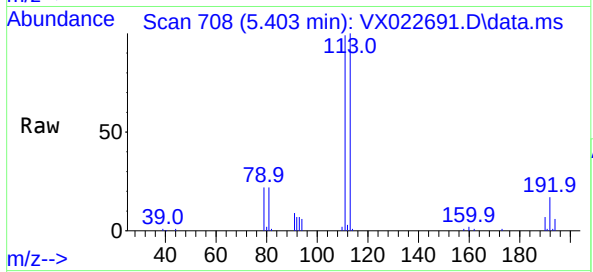




#35
Dibromofluoromethane
Concen: 47.769 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

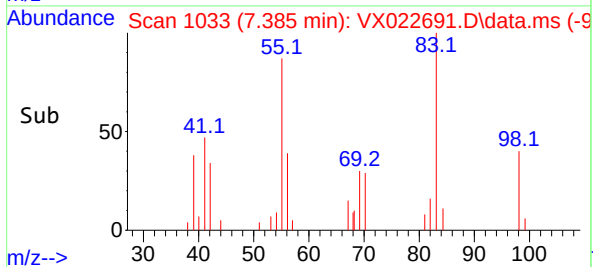
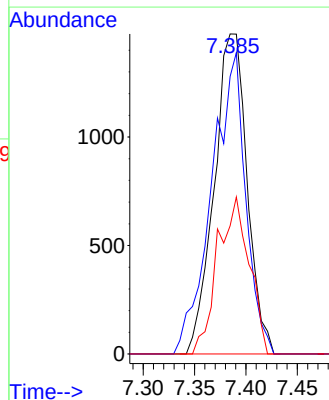
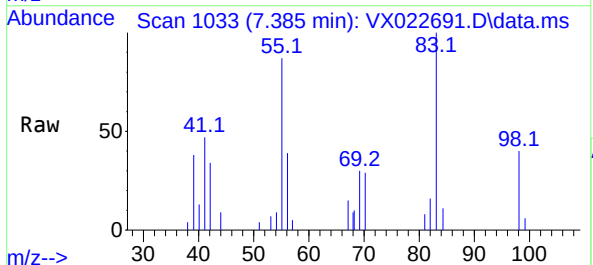
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

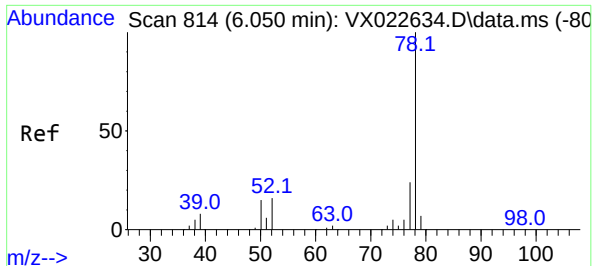
Tgt Ion:113 Resp: 40638
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 15.0 16.7 25.1#



#39
Methylcyclohexane
Concen: 2.377 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Tgt Ion: 83 Resp: 3295
Ion Ratio Lower Upper
83 100
55 86.7 58.9 88.3
98 40.1 38.1 57.1

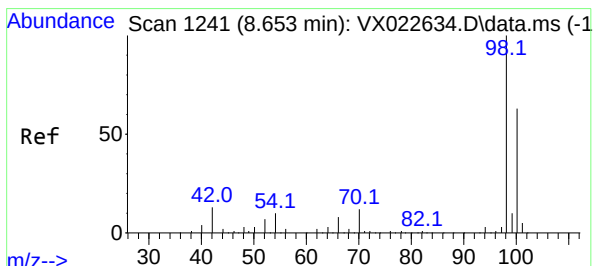
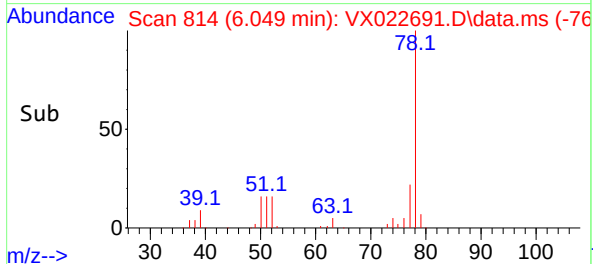
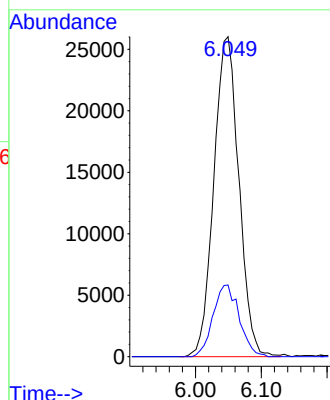
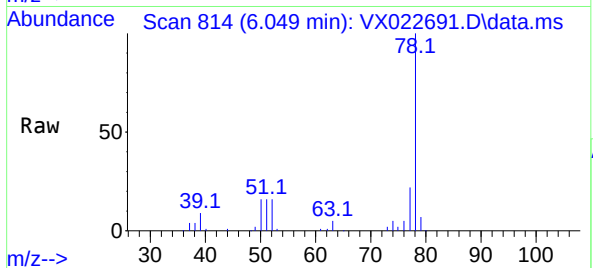




#40
Benzene
Concen: 17.433 ug/l
RT: 6.049 min Scan# 814
Delta R.T. -0.001 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

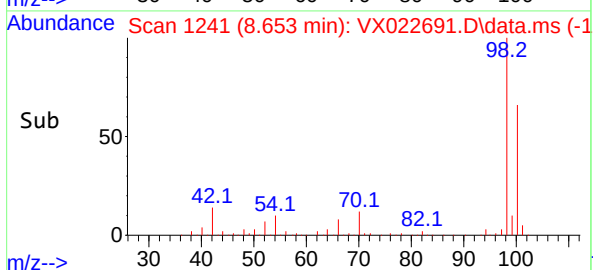
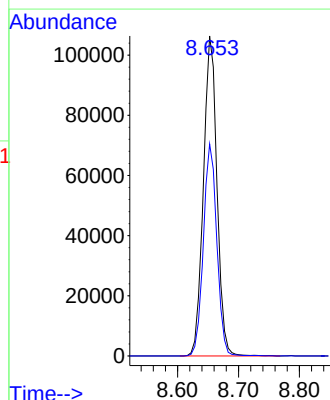
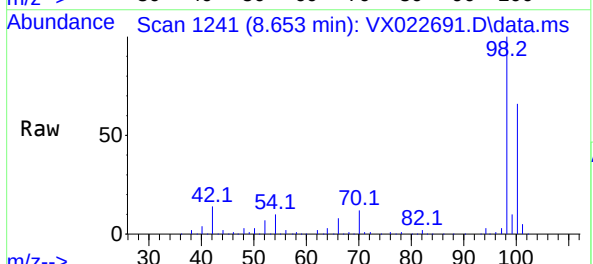
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

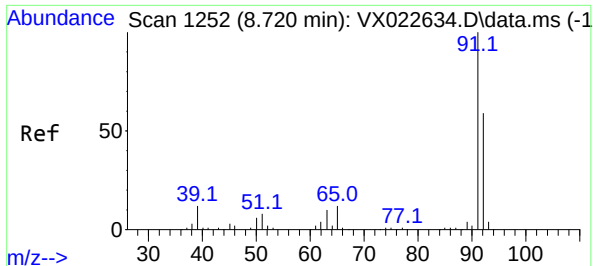
Tgt Ion: 78 Resp: 68903
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3



#50
Toluene-d8
Concen: 49.197 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Tgt Ion: 98 Resp: 164988
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

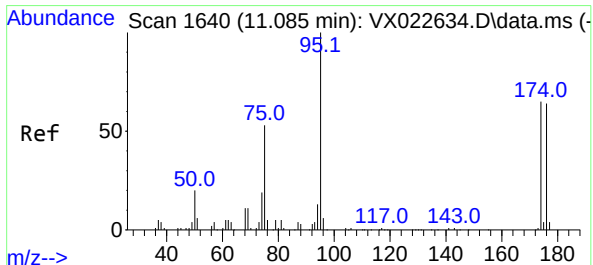
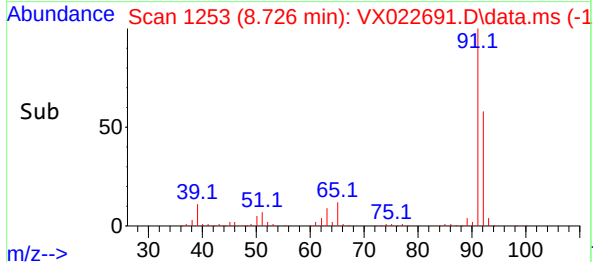
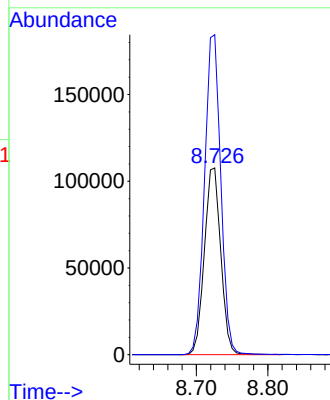
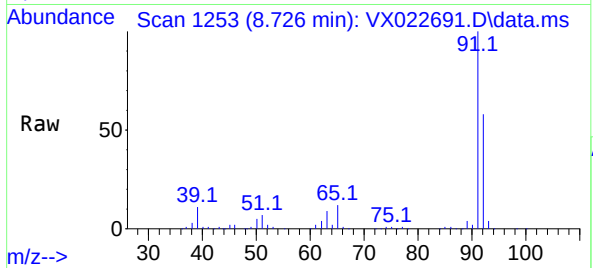




#52
Toluene
Concen: 69.743 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

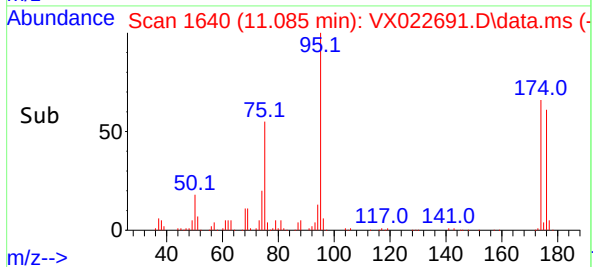
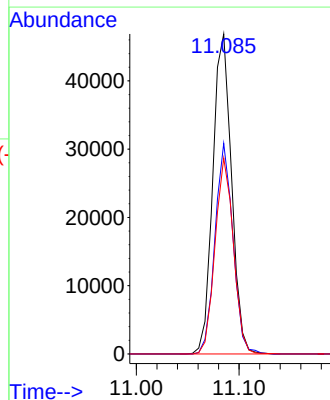
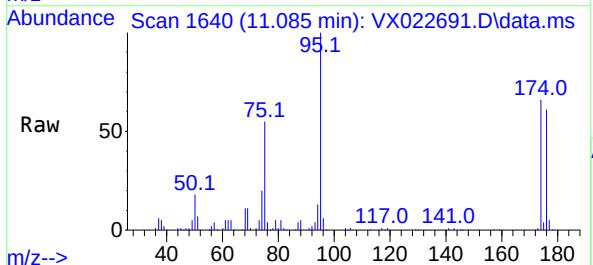
Instrument :
MSVOA_X
ClientSampled :
MW-2DL

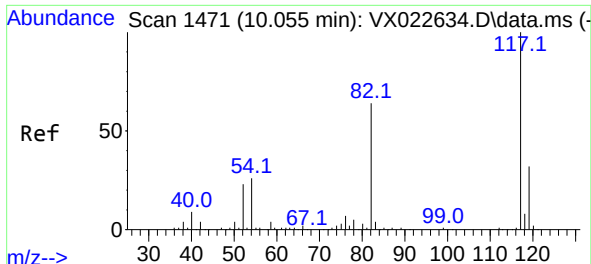
Tgt Ion: 92 Resp: 171568
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 46.578 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Tgt Ion: 95 Resp: 59077
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 60.1 0.0 155.8

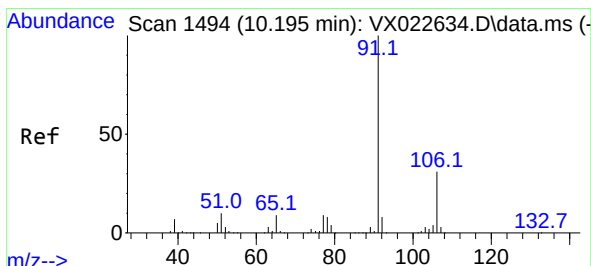
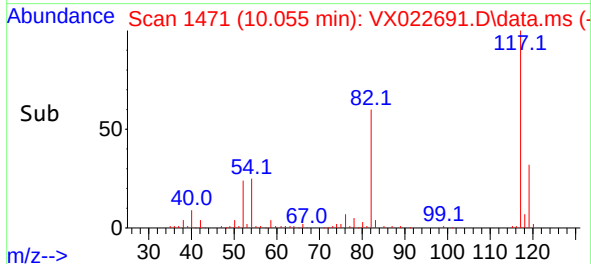
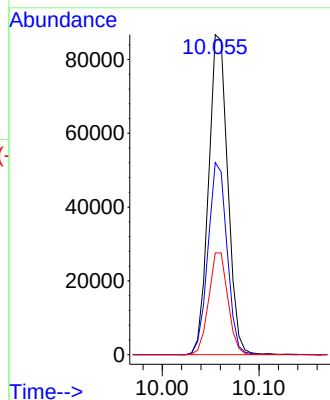
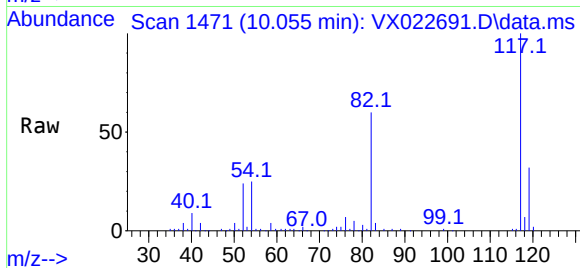




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

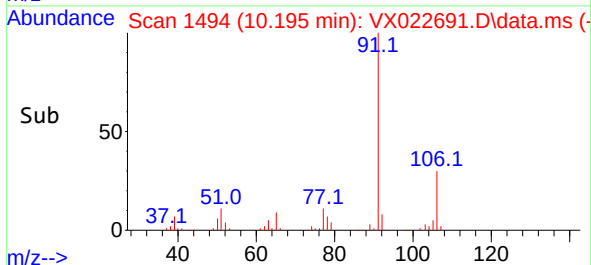
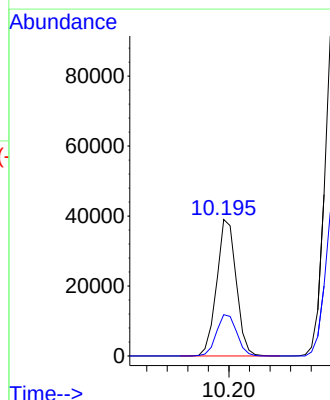
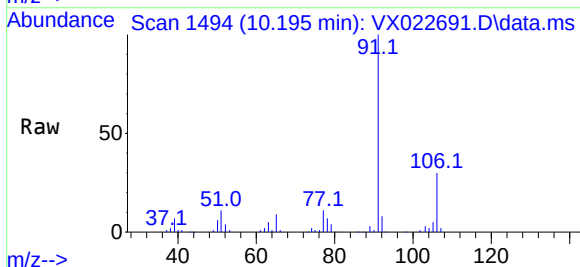
Instrument :
MSVOA_X
ClientSampled :
MW-2DL

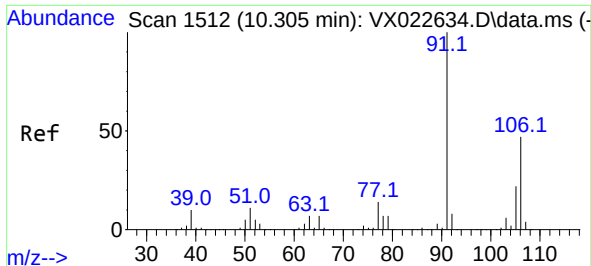
Tgt Ion:117 Resp: 119884
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 31.8 26.6 39.8



#67
Ethyl Benzene
Concen: 11.161 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Tgt Ion: 91 Resp: 51336
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

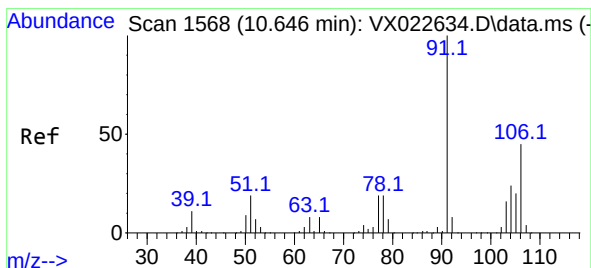
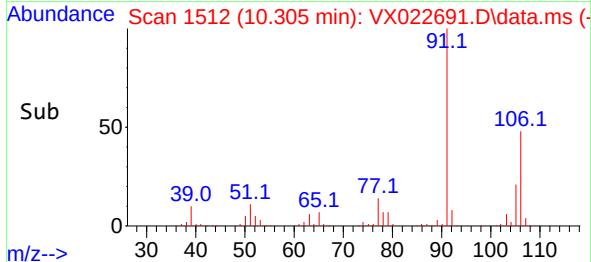
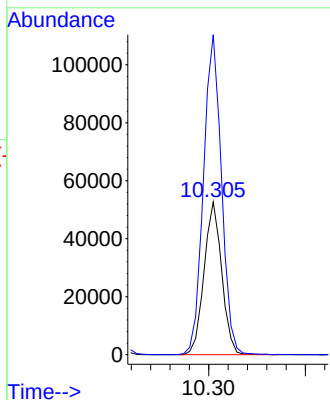
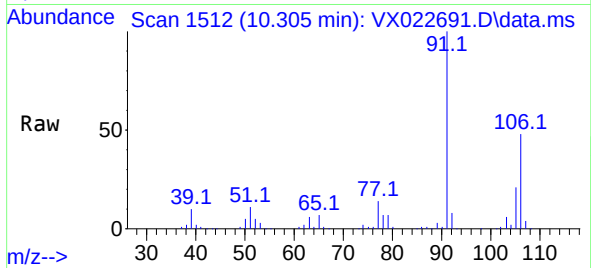




#68
m/p-Xylenes
Concen: 40.173 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

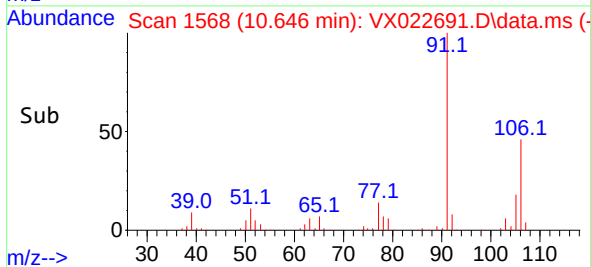
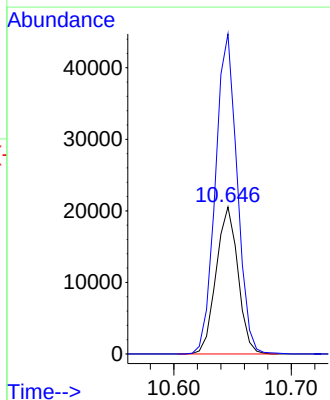
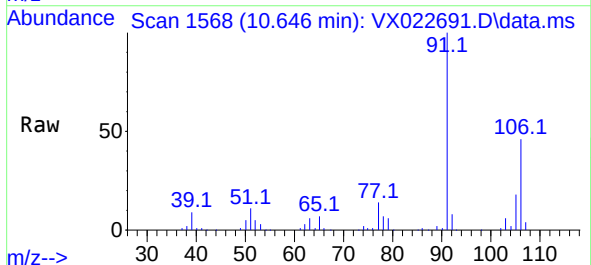
Instrument :
MSVOA_X
ClientSampled :
MW-2DL

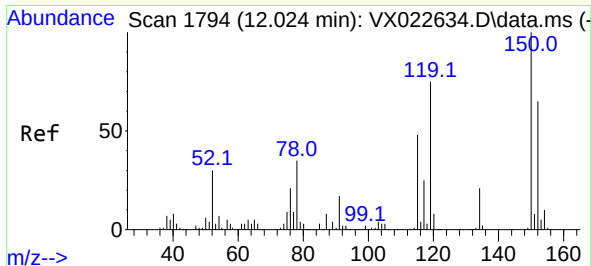
Tgt Ion:106 Resp: 66931
Ion Ratio Lower Upper
106 100
91 214.1 162.8 244.2



#69
o-Xylene
Concen: 16.444 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Tgt Ion:106 Resp: 26545
Ion Ratio Lower Upper
106 100
91 217.4 108.1 324.2

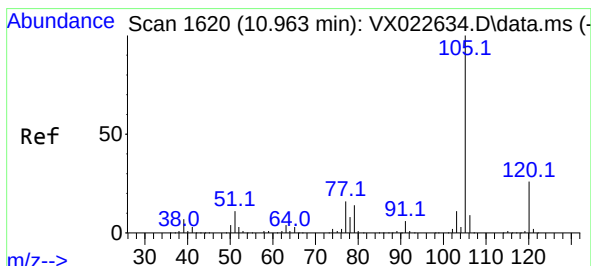
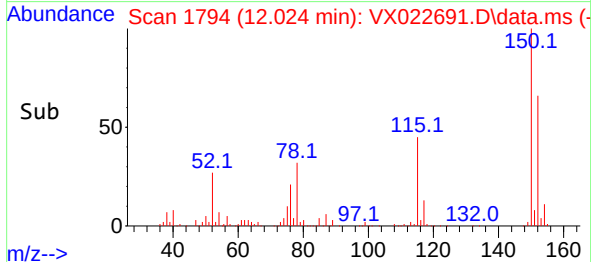
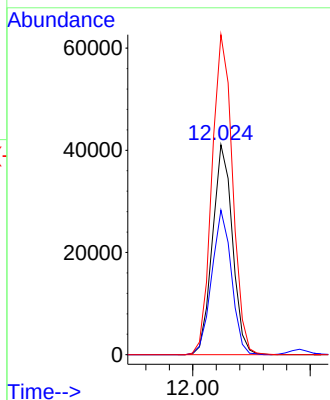
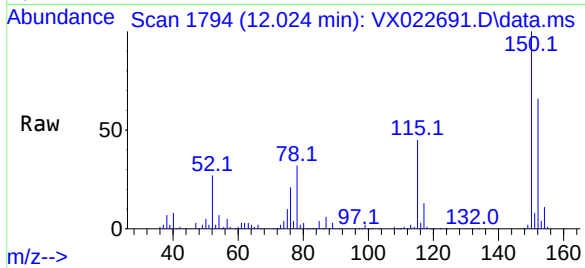




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

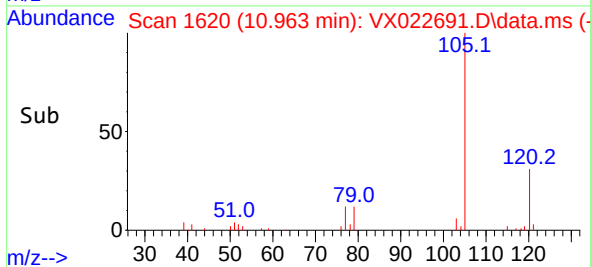
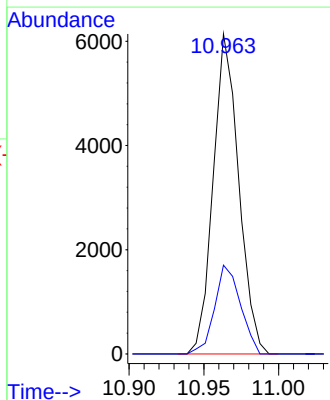
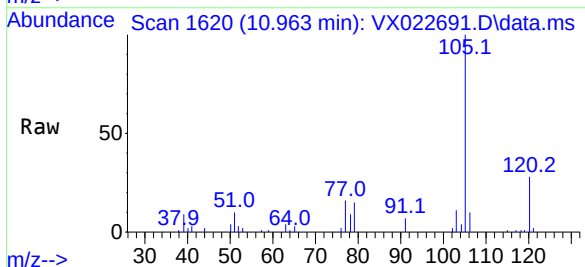
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

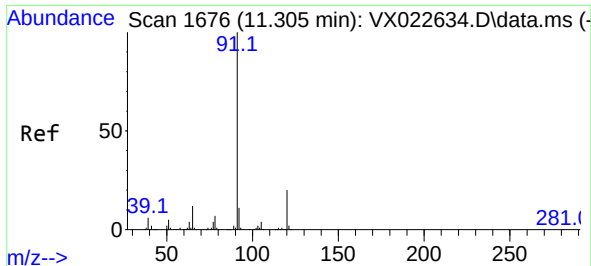
Tgt Ion:152 Resp: 48614
Ion Ratio Lower Upper
152 100
115 67.8 41.1 123.3
150 157.0 0.0 349.0



#73
Isopropylbenzene
Concen: 1.826 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Tgt Ion:105 Resp: 7289
Ion Ratio Lower Upper
105 100
120 28.0 13.2 39.6

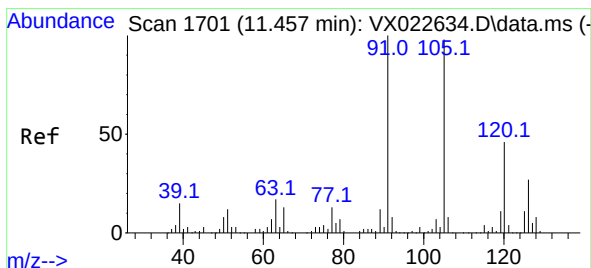
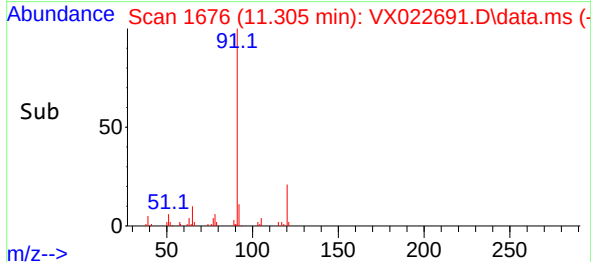
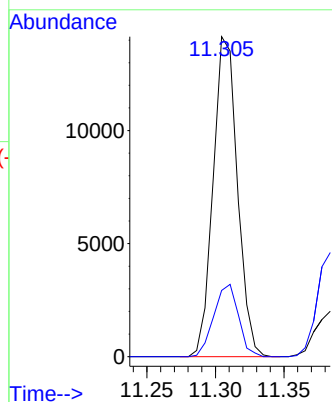
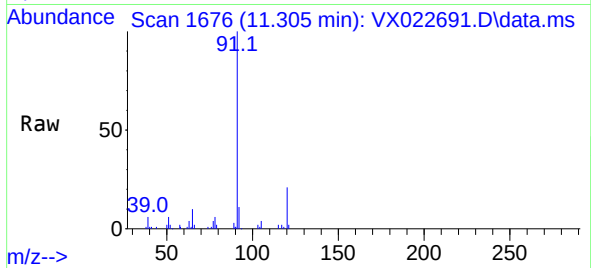




#78
n-propylbenzene
Concen: 3.617 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

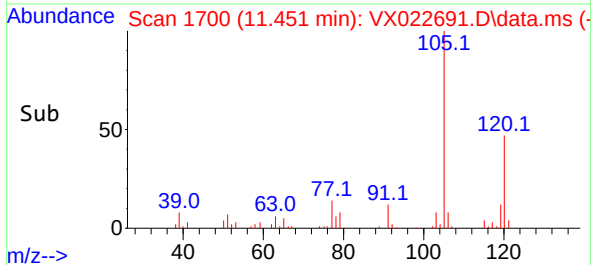
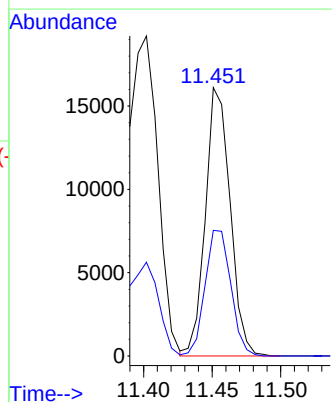
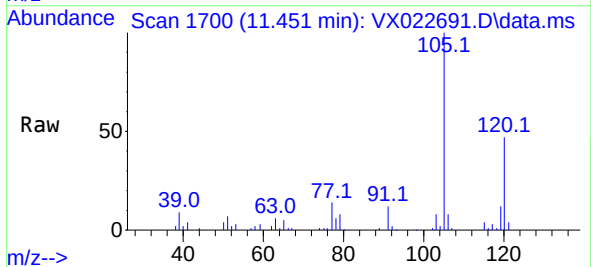
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

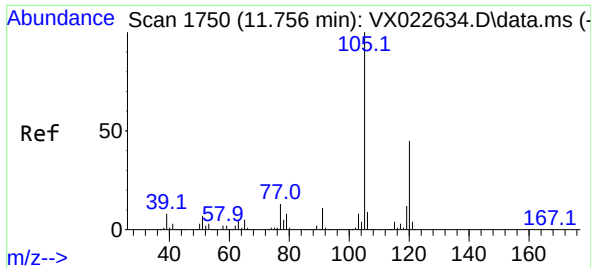
Tgt Ion: 91 Resp: 17438
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 6.086 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Tgt Ion: 105 Resp: 20237
Ion Ratio Lower Upper
105 100
120 48.8 23.8 71.5

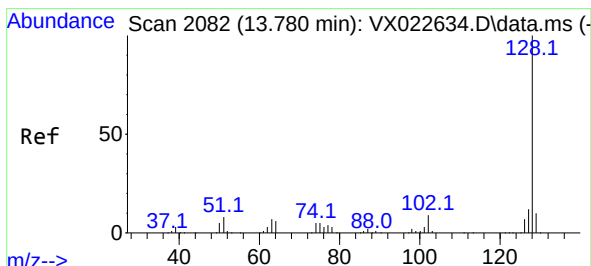
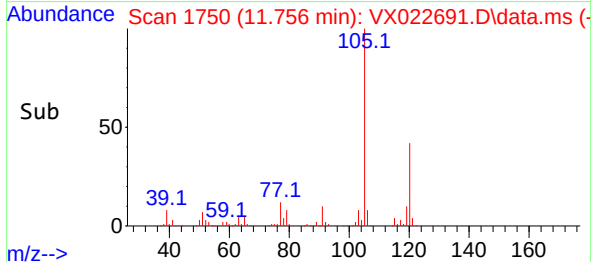
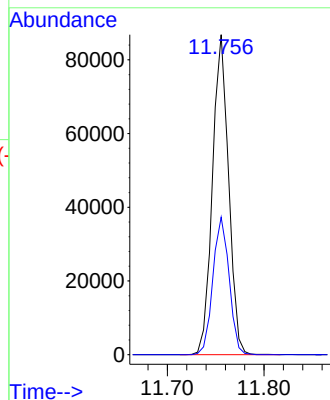
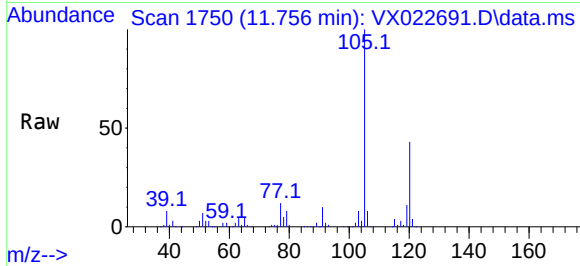




#84
1,2,4-Trimethylbenzene
Concen: 29.827 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

Tgt Ion:105 Resp: 100597
Ion Ratio Lower Upper
105 100
120 43.2 22.4 67.3



#95
Naphthalene
Concen: 4.529 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022691.D
Acq: 14 Jun 2021 13:53

Tgt Ion:128 Resp: 13003
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 10.5 8.8 13.2

