

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024619.D
 Acq On : 06 Oct 2021 15:10
 Operator : JC/MD
 Sample : M3960-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAMB-MW12-GWDL

Quant Time: Oct 07 07:46:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

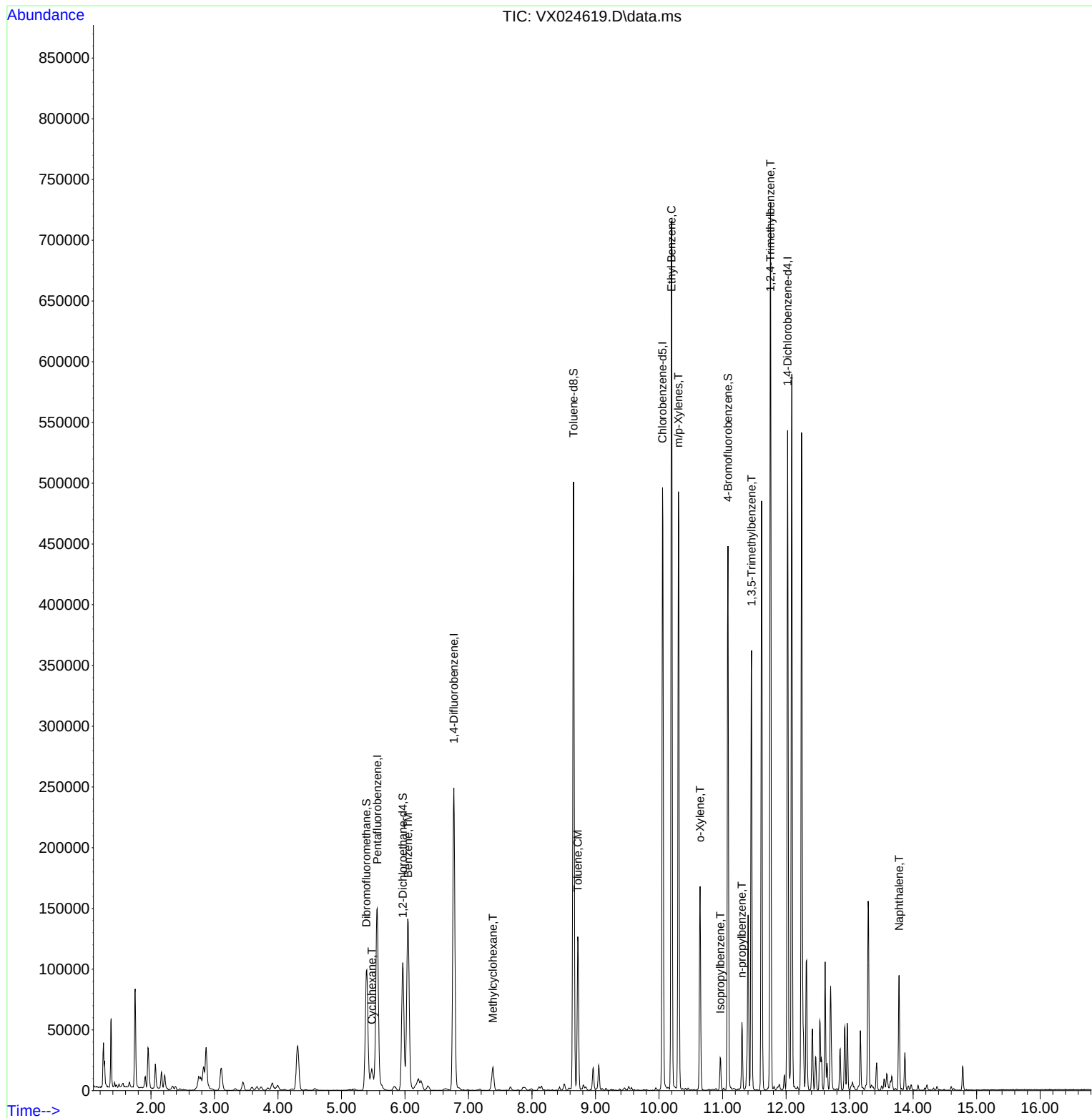
Internal Standards						
1) Pentafluorobenzene	5.562	168	138762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105038	53.709	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.420%			
35) Dibromofluoromethane	5.391	113	87605	53.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.780%			
50) Toluene-d8	8.653	98	282761	46.820	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.640%			
62) 4-Bromofluorobenzene	11.085	95	117249	49.378	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.760%			
Target Compounds					Qvalue	
31) Cyclohexane	5.477	56	11053m	4.720	ug/l	
39) Methylcyclohexane	7.385	83	7663	2.764	ug/l	91
40) Benzene	6.050	78	173934	25.689	ug/l	98
52) Toluene	8.720	92	46465	10.624	ug/l	96
67) Ethyl Benzene	10.195	91	392124	48.239	ug/l	99
68) m/p-Xylenes	10.305	106	109793	35.223	ug/l	100
69) o-Xylene	10.646	106	36234	11.755	ug/l	100
73) Isopropylbenzene	10.963	105	13819	1.746	ug/l	97
78) n-propylbenzene	11.305	91	34039	3.679	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	163383	24.163	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	325312	48.386	ug/l	99
95) Naphthalene	13.780	128	57550	7.365	ug/l	100

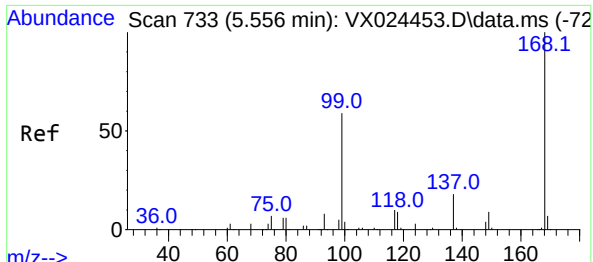
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RAMB-MW12-GWDL

Quant Time: Oct 07 07:46:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

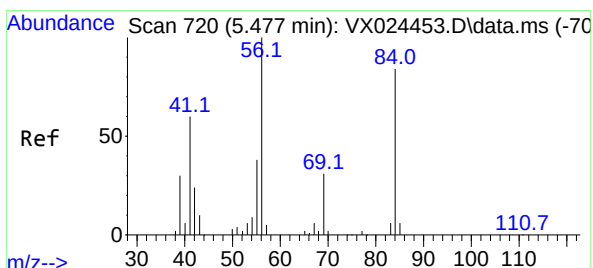
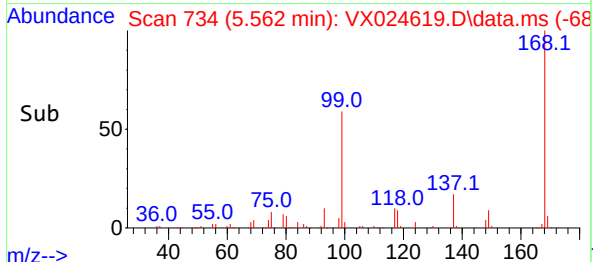
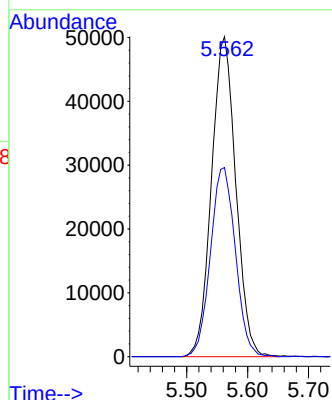
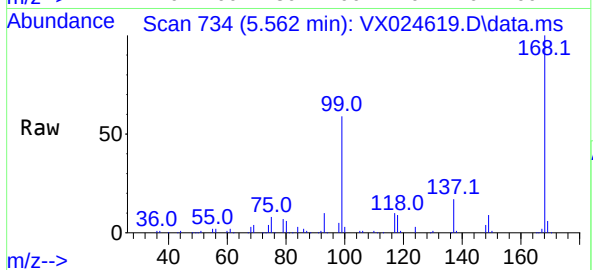




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

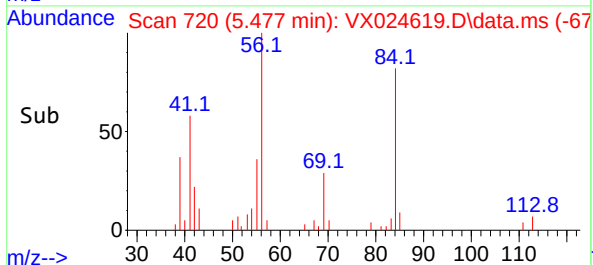
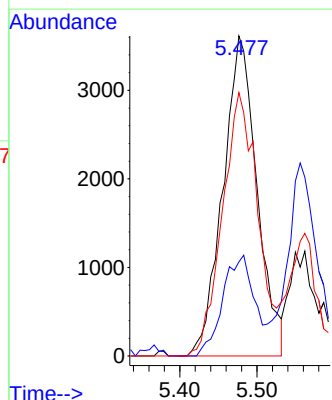
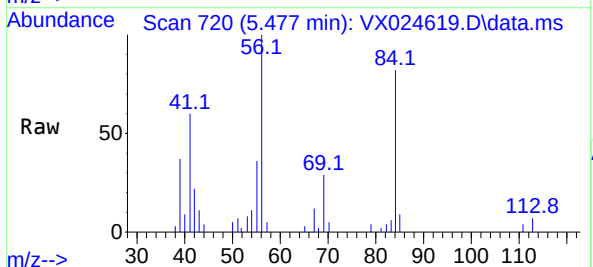
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GWDL

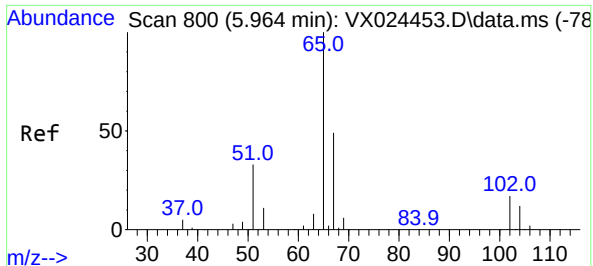
Tgt Ion:168 Resp: 138762
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#31
Cyclohexane
Concen: 4.720 ug/l m
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Tgt Ion: 56 Resp: 11053
Ion Ratio Lower Upper
56 100
69 29.4 25.3 37.9
84 82.3 71.4 107.0



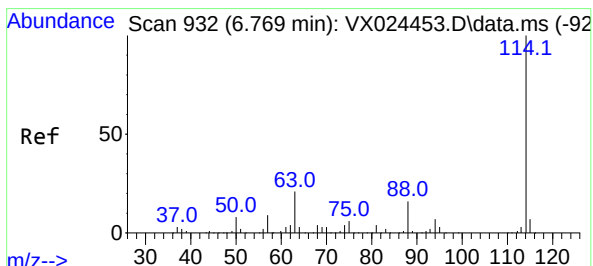
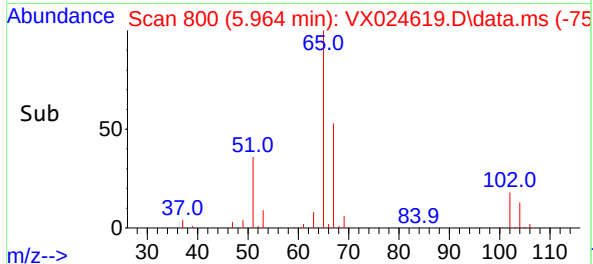
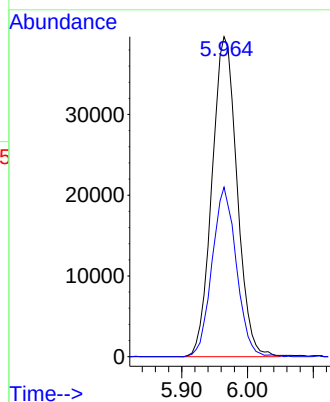
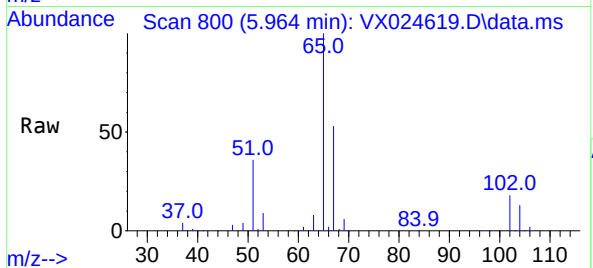


#33

1,2-Dichloroethane-d4
Concen: 53.709 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GWDL

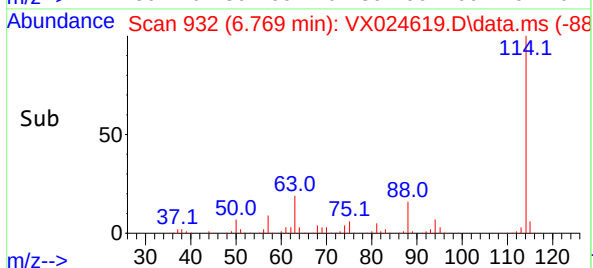
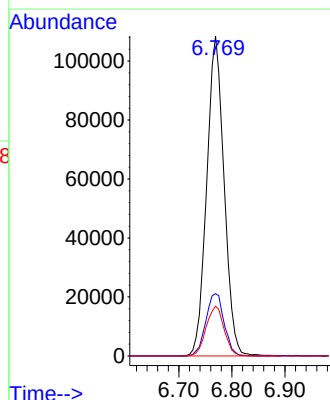
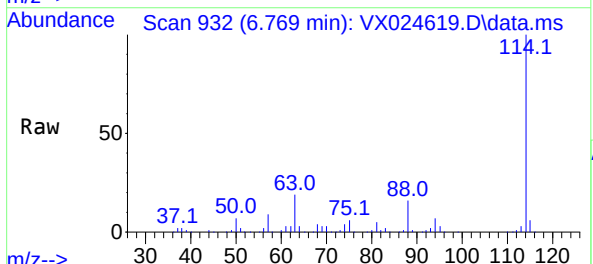
Tgt Ion: 65 Resp: 105038
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

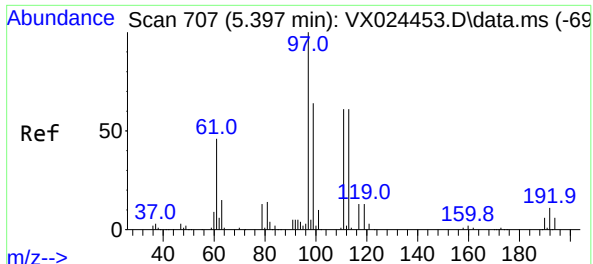


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Tgt Ion: 114 Resp: 246998
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.6 0.0 32.8

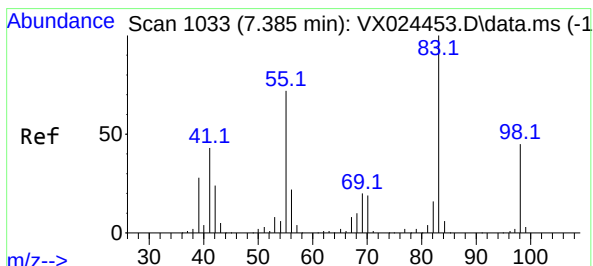
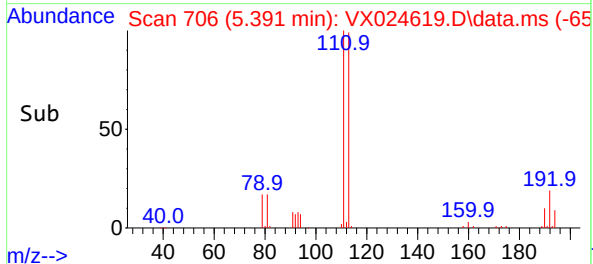
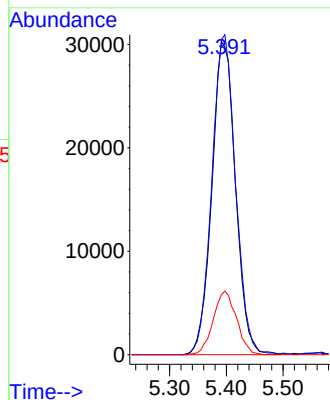
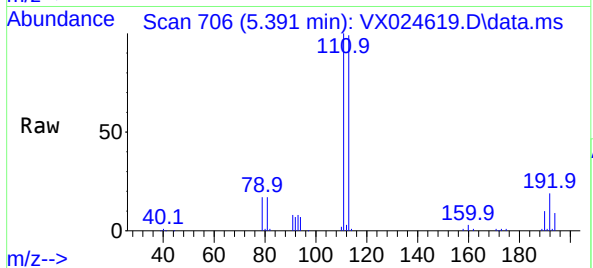




#35
Dibromofluoromethane
Concen: 53.389 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

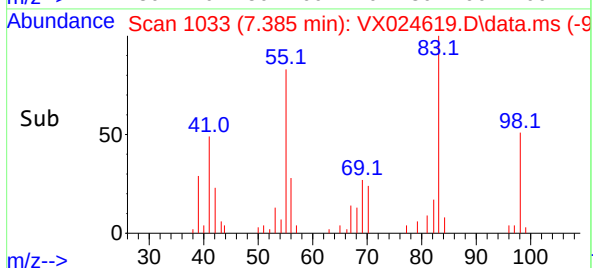
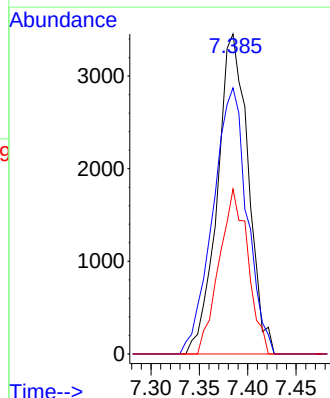
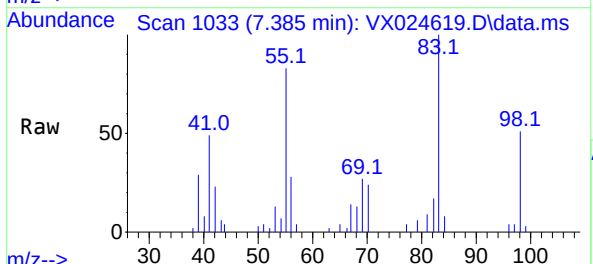
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GWDL

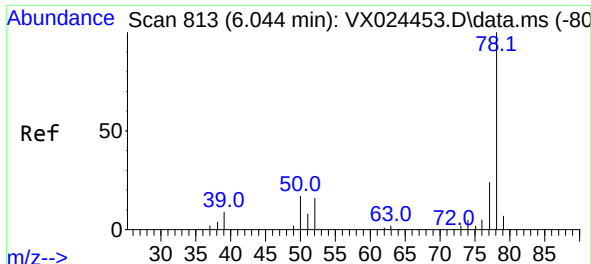
Tgt Ion:113 Resp: 87605
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.0 16.7 25.1



#39
Methylcyclohexane
Concen: 2.764 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Tgt Ion: 83 Resp: 7663
Ion Ratio Lower Upper
83 100
55 83.1 58.9 88.3
98 51.5 38.1 57.1

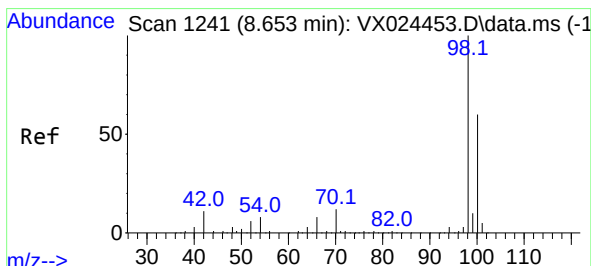
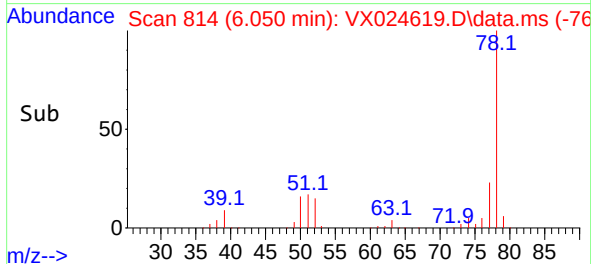
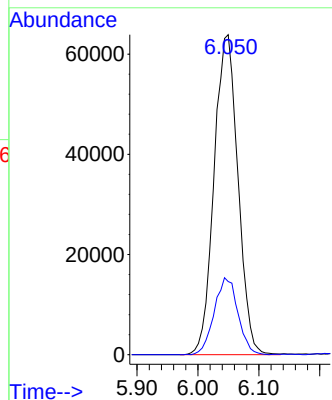
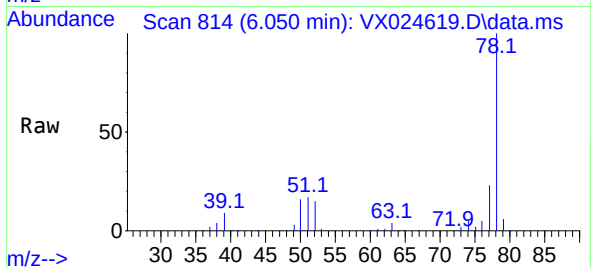




#40
Benzene
Concen: 25.689 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

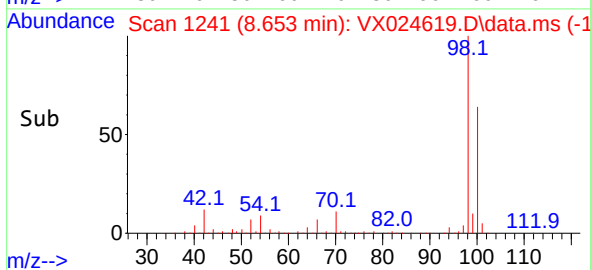
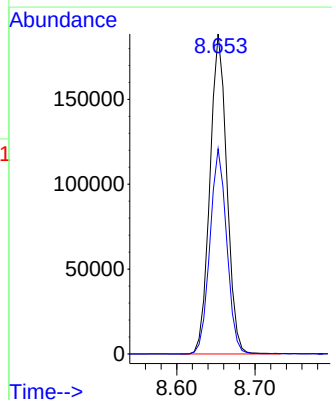
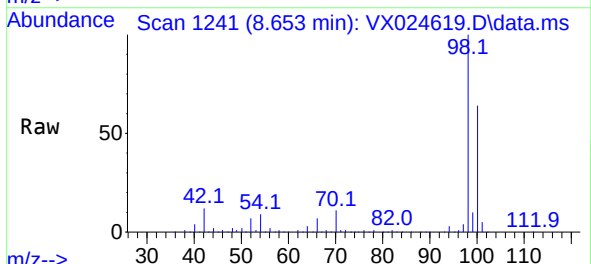
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GWDL

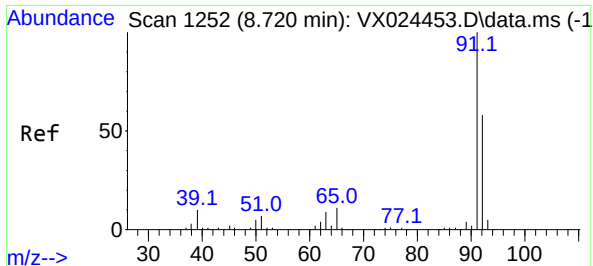
Tgt Ion: 78 Resp: 173934
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3



#50
Toluene-d8
Concen: 46.820 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Tgt Ion: 98 Resp: 282761
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

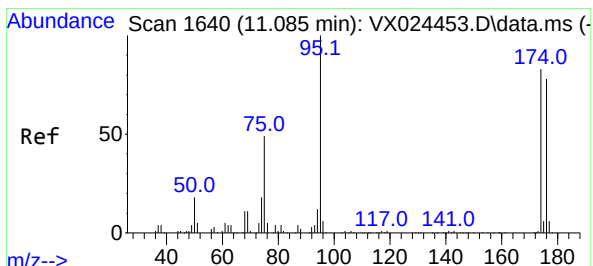
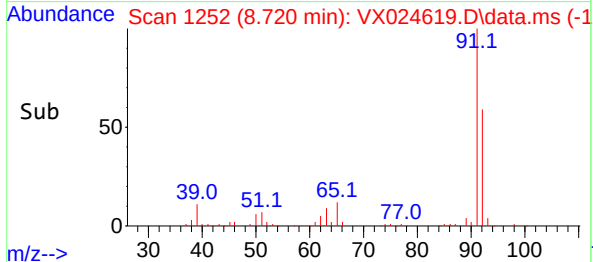
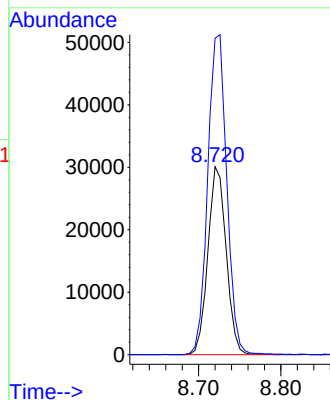
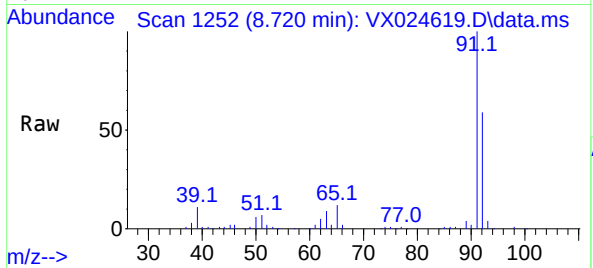




#52
Toluene
Concen: 10.624 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

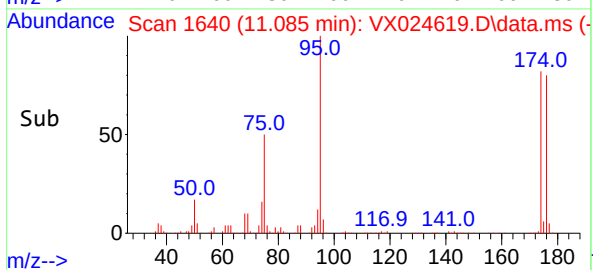
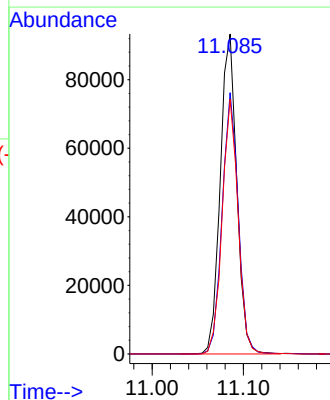
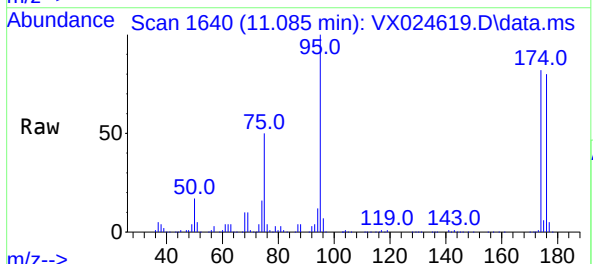
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GWDL

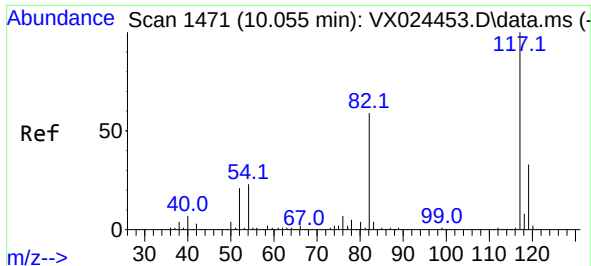
Tgt Ion: 92 Resp: 46465
Ion Ratio Lower Upper
92 100
91 177.3 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 49.378 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Tgt Ion: 95 Resp: 117249
Ion Ratio Lower Upper
95 100
174 79.6 0.0 154.6
176 76.8 0.0 155.8

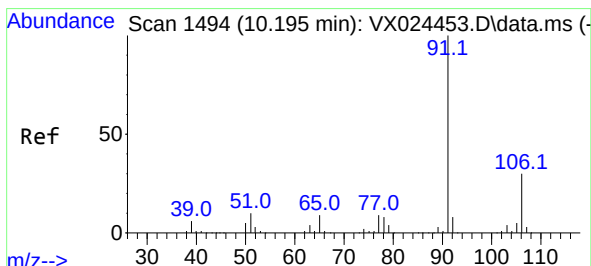
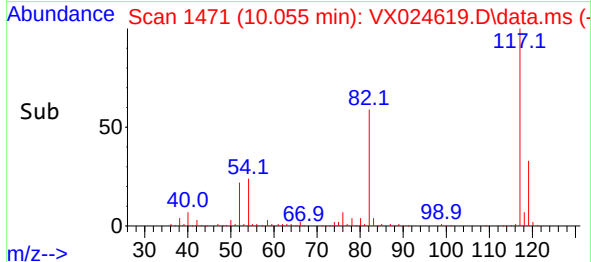
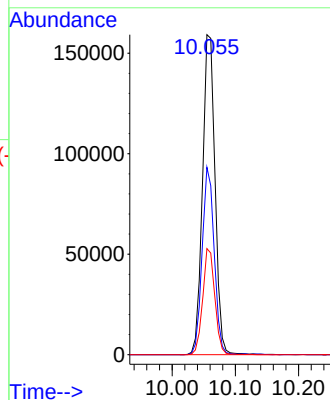
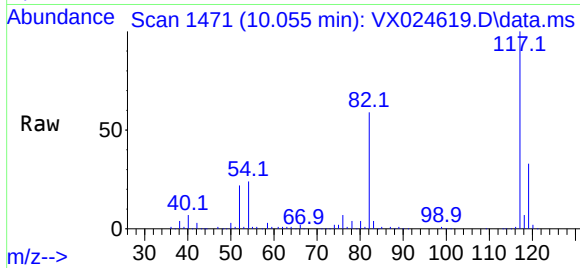




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

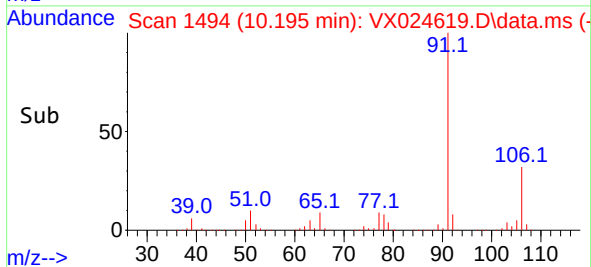
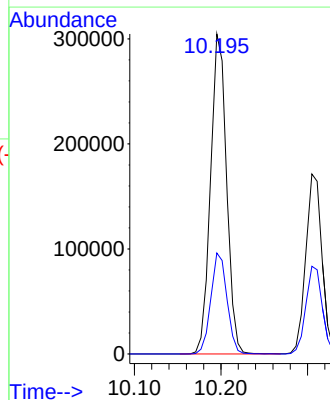
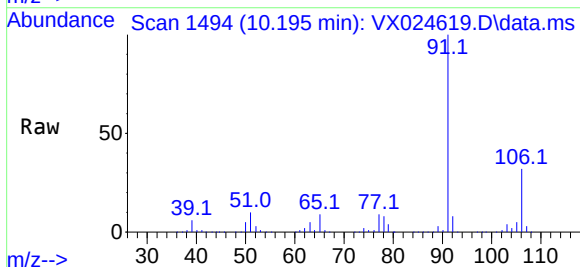
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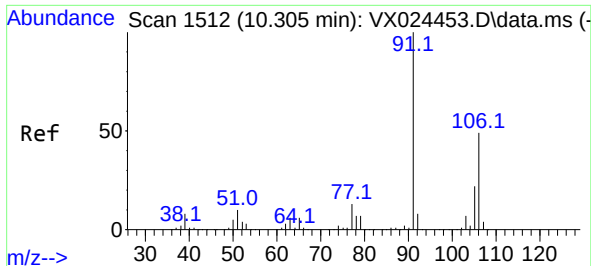
Tgt Ion:117 Resp: 220430
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 33.1 26.6 39.8



#67
Ethyl Benzene
Concen: 48.239 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Tgt Ion: 91 Resp: 392124
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0

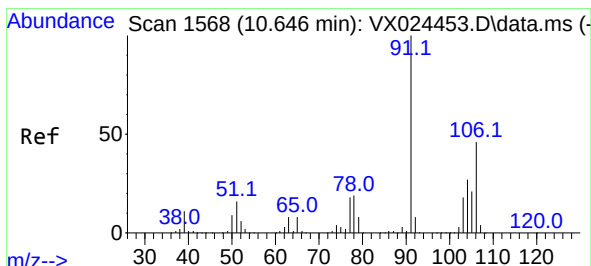
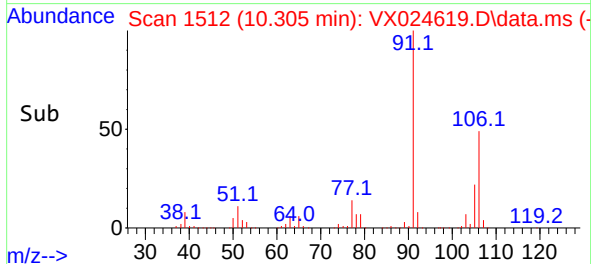
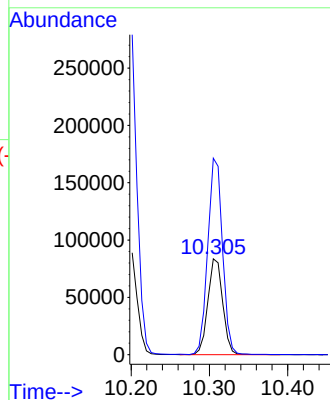
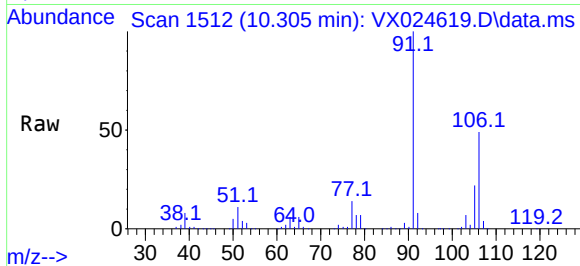




#68
m/p-Xylenes
Concen: 35.223 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

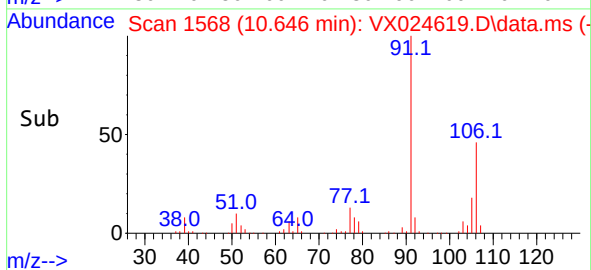
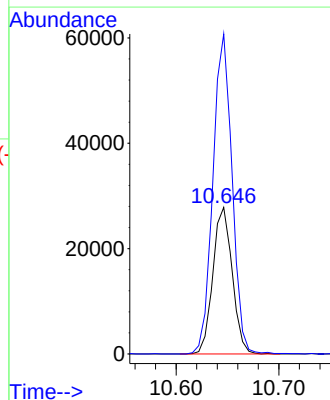
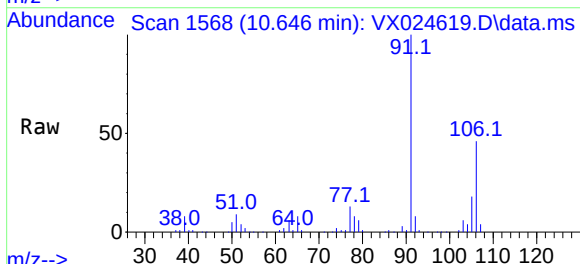
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GWDL

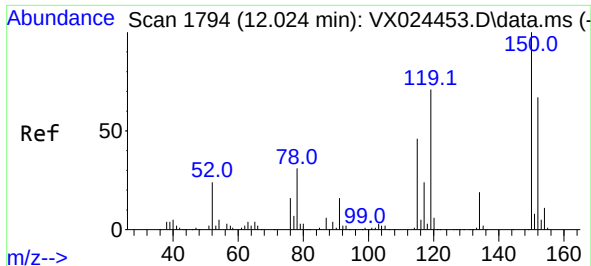
Tgt Ion:106 Resp: 109793
Ion Ratio Lower Upper
106 100
91 203.5 162.8 244.2



#69
o-Xylene
Concen: 11.755 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Tgt Ion:106 Resp: 36234
Ion Ratio Lower Upper
106 100
91 216.7 108.1 324.2

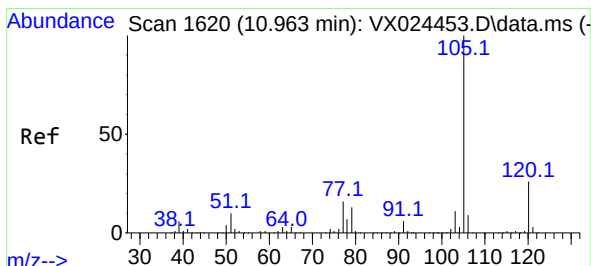
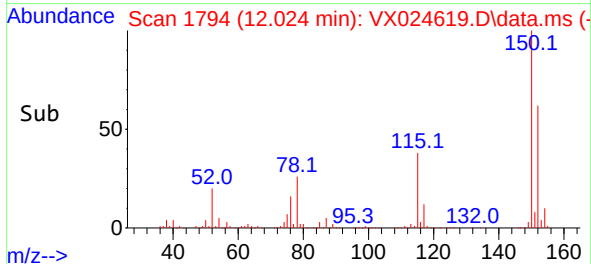
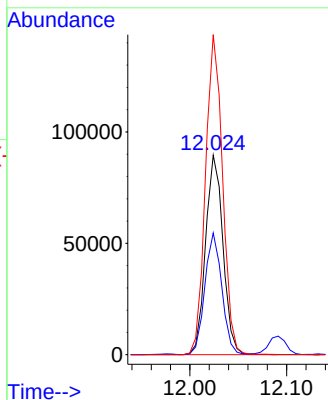
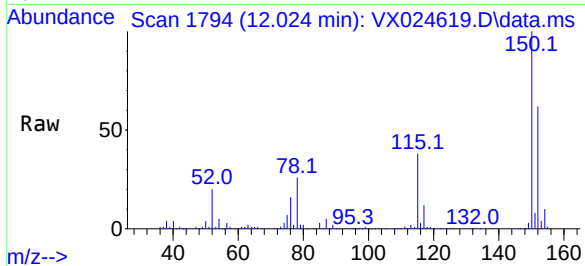




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

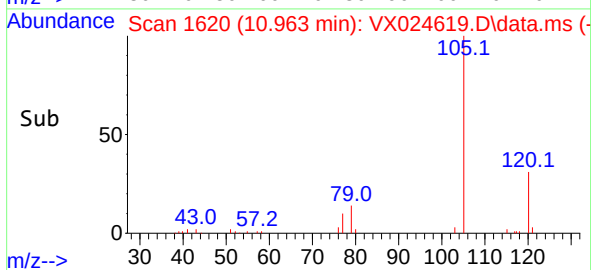
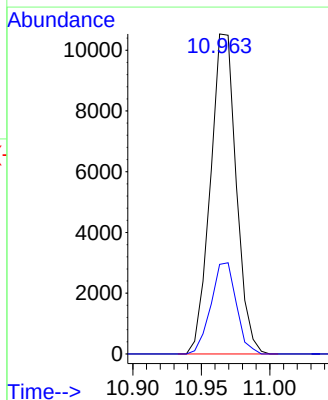
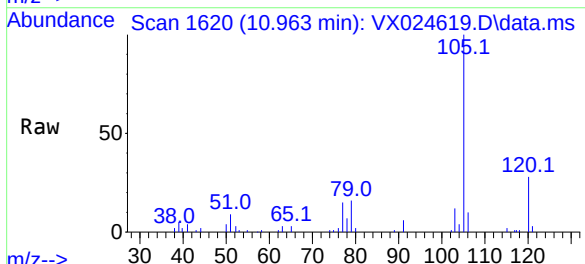
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GWDL

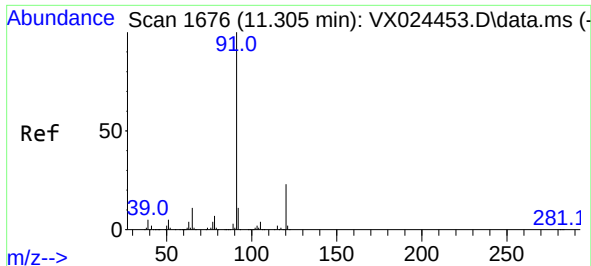
Tgt Ion:152 Resp: 111962
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 157.5 0.0 349.0



#73
Isopropylbenzene
Concen: 1.746 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Tgt Ion:105 Resp: 13819
Ion Ratio Lower Upper
105 100
120 28.0 13.2 39.6

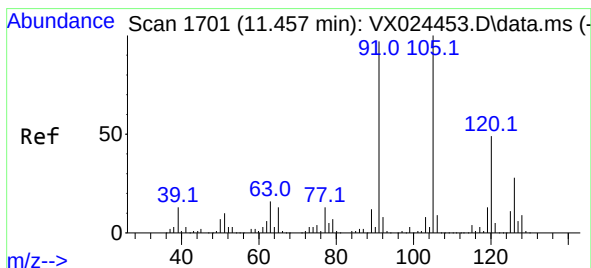
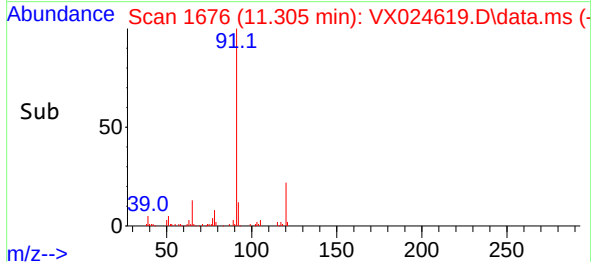
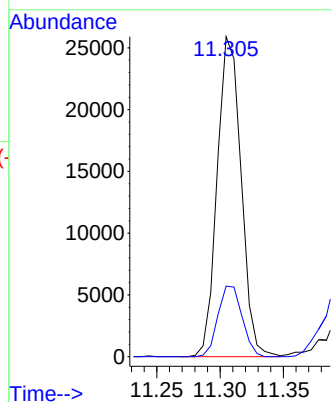
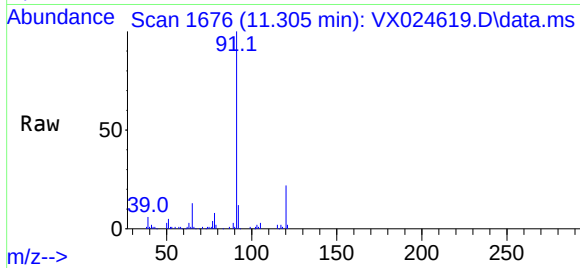




#78
n-propylbenzene
Concen: 3.679 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

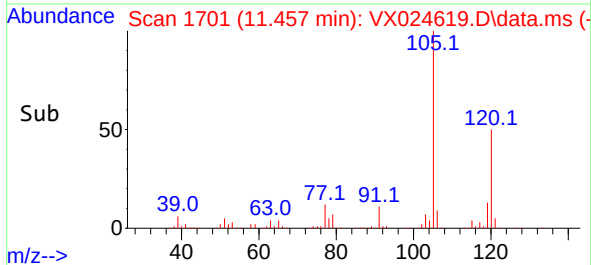
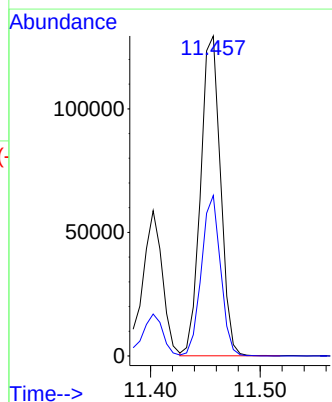
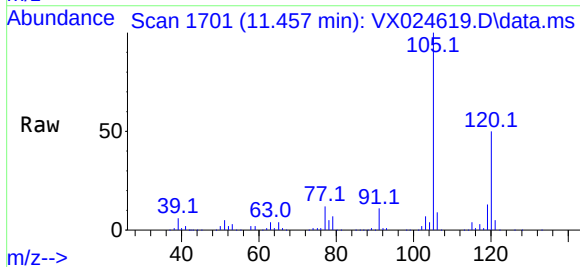
Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GWDL

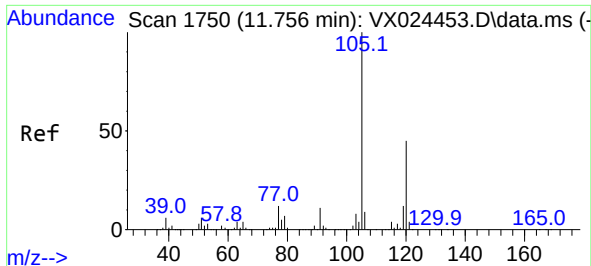
Tgt Ion: 91 Resp: 34039
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 24.163 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Tgt Ion: 105 Resp: 163383
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.5

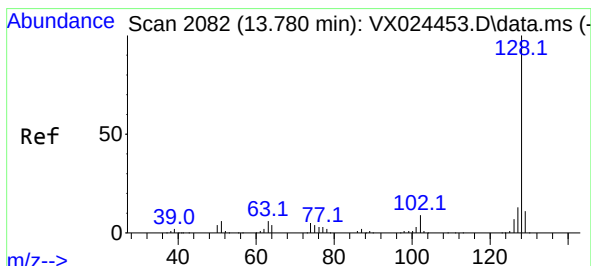
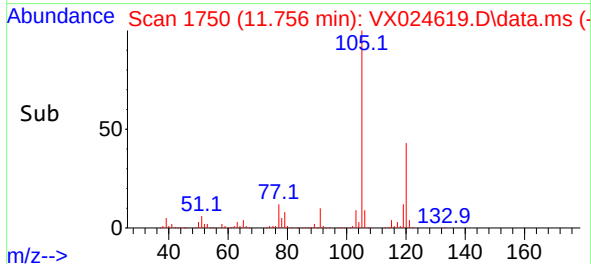
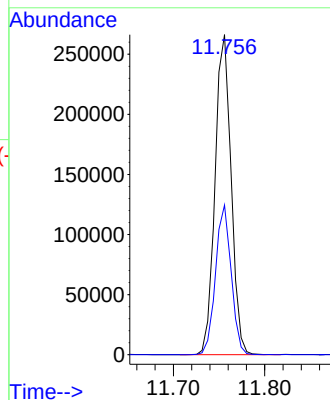
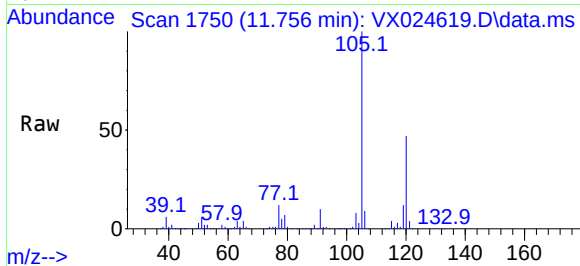




#84
1,2,4-Trimethylbenzene
Concen: 48.386 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Instrument :
MSVOA_X
ClientSampleId :
RAMB-MW12-GWDL

Tgt Ion:105 Resp: 325312
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3



#95
Naphthalene
Concen: 7.365 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024619.D
Acq: 06 Oct 2021 15:10

Tgt Ion:128 Resp: 57550
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2

