

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023880.D
 Acq On : 20 Aug 2021 16:23
 Operator : JC/MD
 Sample : M3414-01
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-1

Quant Time: Aug 20 16:44:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

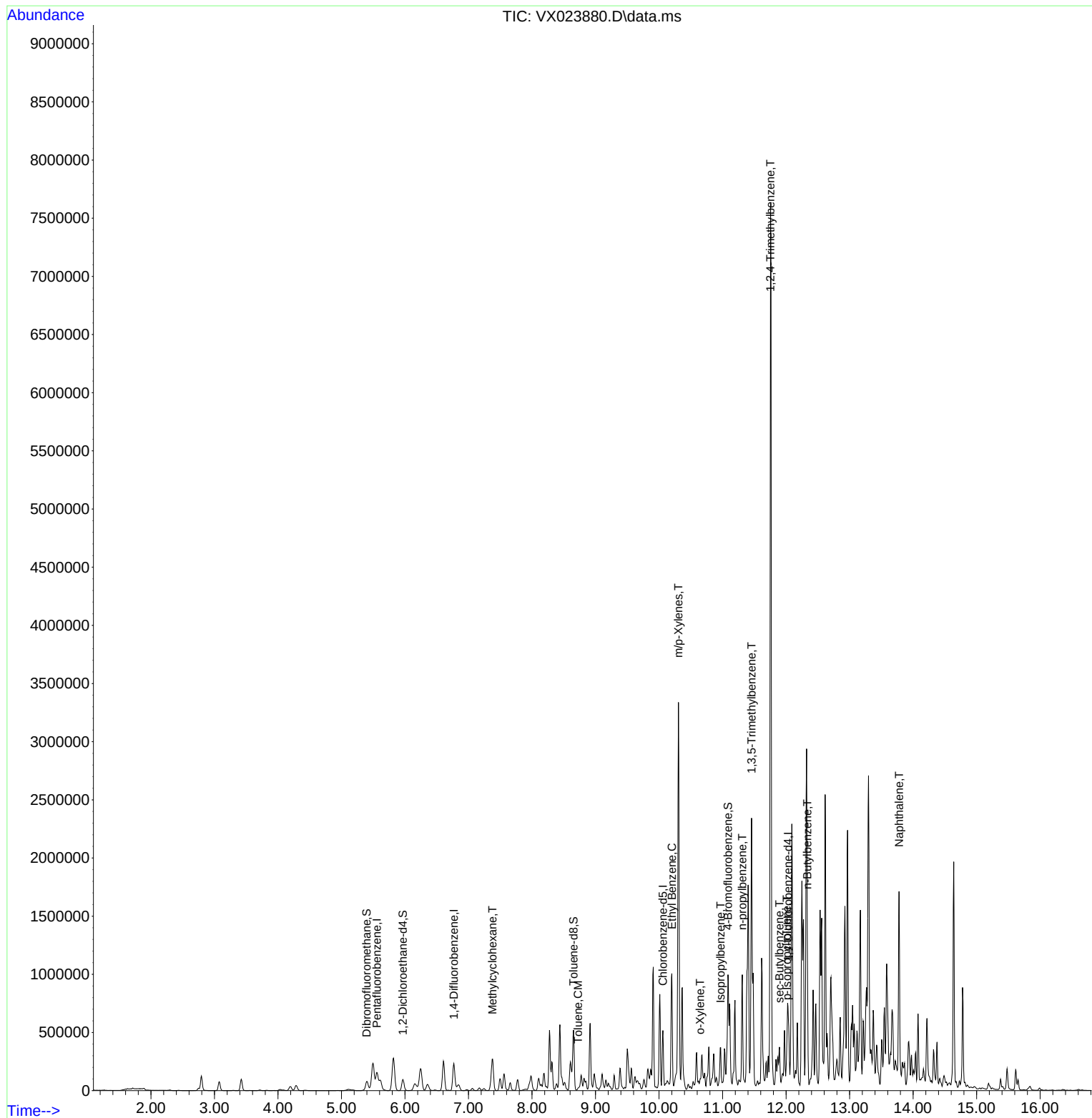
Internal Standards						
1) Pentafluorobenzene	5.556	168	141189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	217729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	117375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97560	49.509	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.020%		
35) Dibromofluoromethane	5.397	113	68795	44.326	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.660%		
50) Toluene-d8	8.653	98	290611	49.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	11.085	95	114624	52.712	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.420%		
Target Compounds						Qvalue
39) Methylcyclohexane	7.379	83	115570	43.710	ug/l	92
52) Toluene	8.726	92	4851	1.166	ug/l	100
67) Ethyl Benzene	10.201	91	553370	69.747	ug/l	97
68) m/p-Xylenes	10.305	106	756411	250.302	ug/l	99
69) o-Xylene	10.646	106	12067	4.063	ug/l	95
73) Isopropylbenzene	10.969	105	158694	17.726	ug/l	100
78) n-propylbenzene	11.311	91	583268	56.961	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	944309	128.350	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	3307100	450.816	ug/l	99
85) sec-Butylbenzene	11.896	105	105923	11.709	ug/l	94
86) p-Isopropyltoluene	12.012	119	74444	9.998	ug/l	97
89) n-Butylbenzene	12.335	91	483147	72.675	ug/l #	36
95) Naphthalene	13.780	128	976850	112.146	ug/l	99

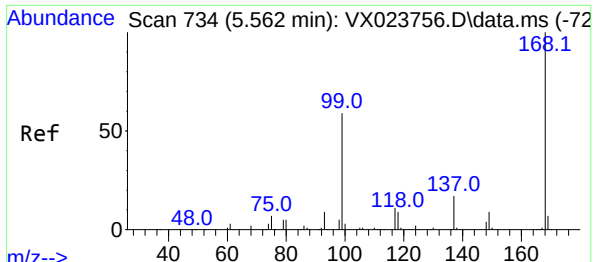
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
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Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-1

Quant Time: Aug 20 16:44:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

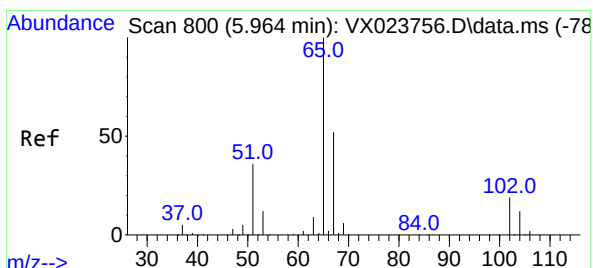
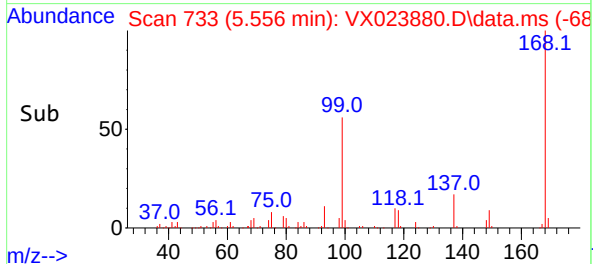
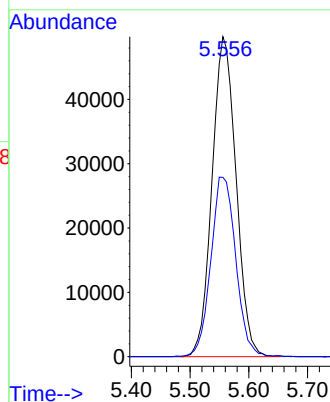
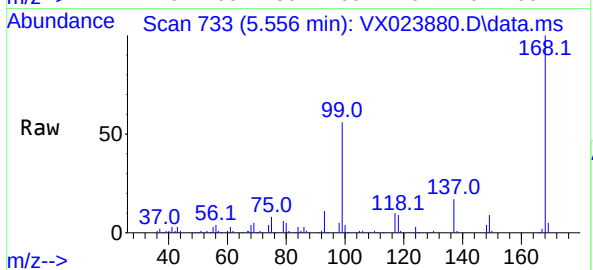




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

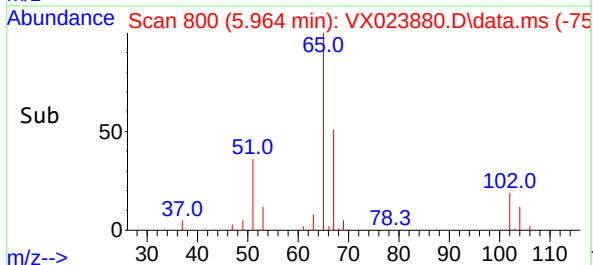
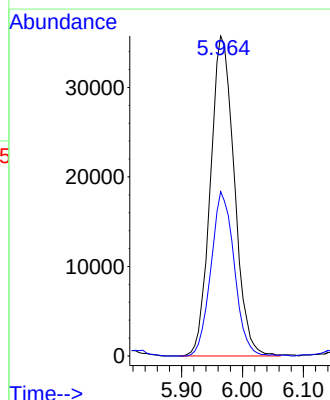
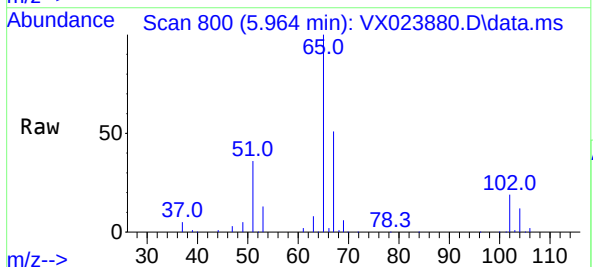
Instrument :
MSVOA_X
ClientSampled :
B-1

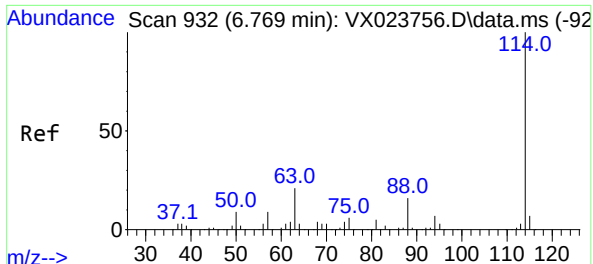
Tgt Ion:168 Resp: 141189
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 49.509 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Tgt Ion: 65 Resp: 97560
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

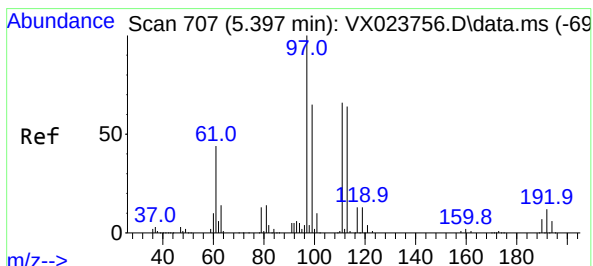
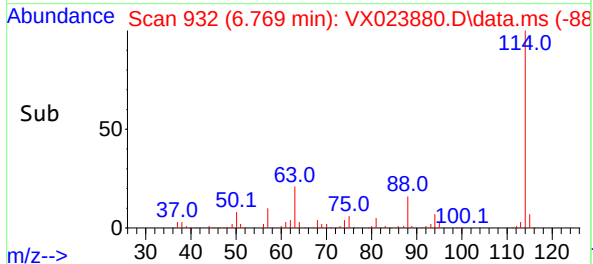
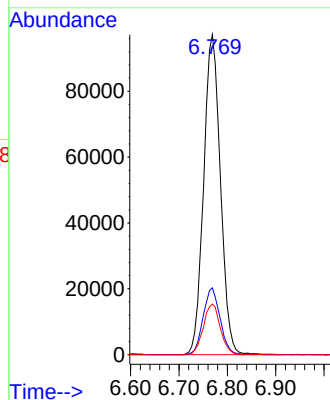
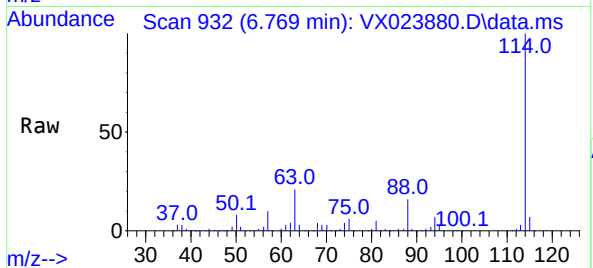




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

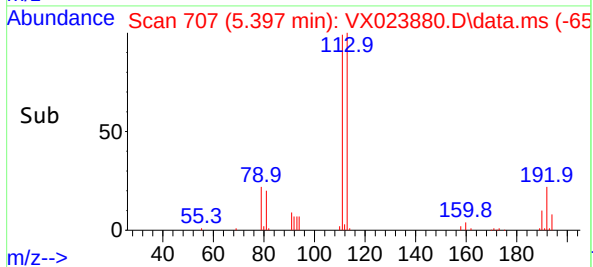
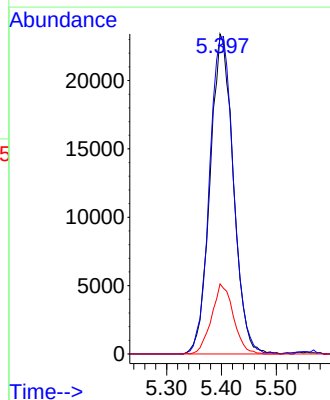
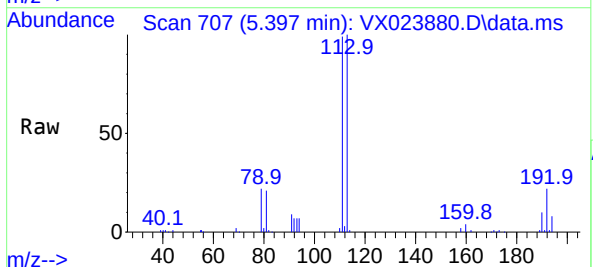
Instrument :
MSVOA_X
ClientSampled :
B-1

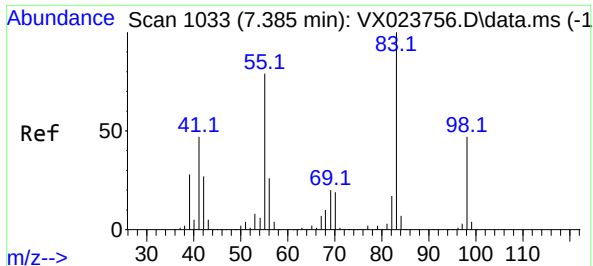
Tgt Ion:114 Resp: 234487
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 44.326 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Tgt Ion:113 Resp: 68795
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.6 16.7 25.1

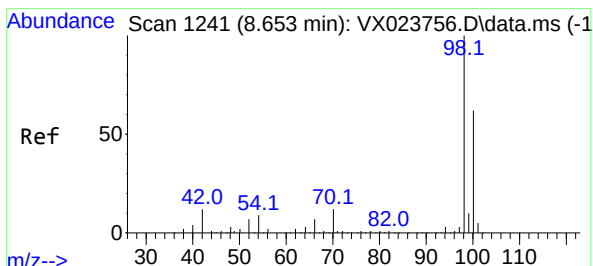
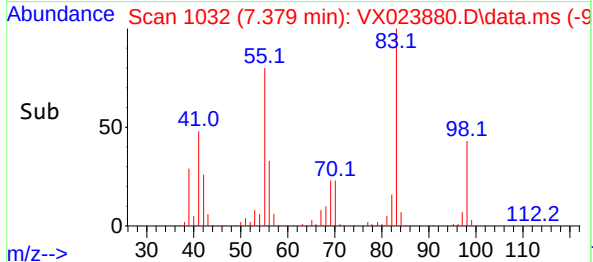
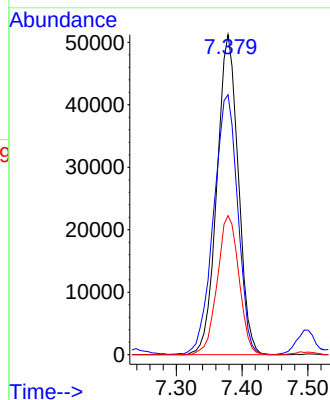
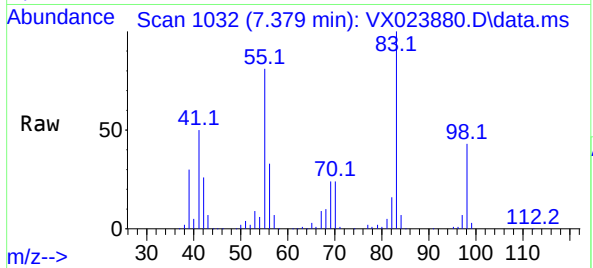




#39
Methylcyclohexane
Concen: 43.710 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

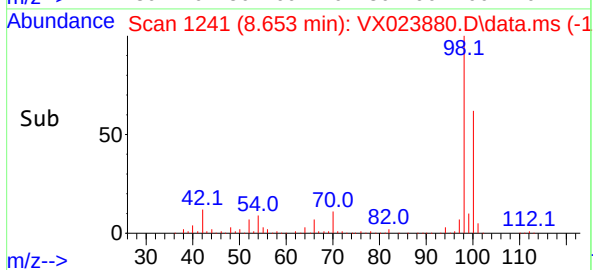
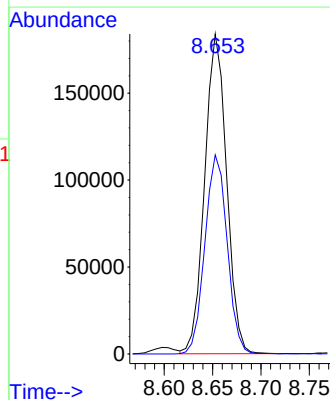
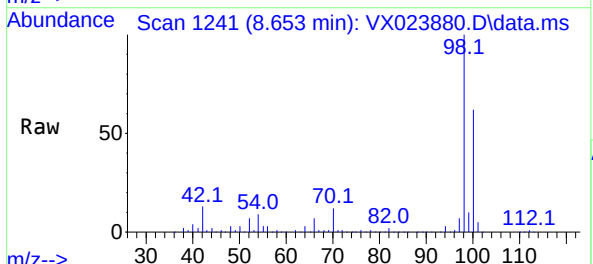
Instrument :
MSVOA_X
ClientSampled :
B-1

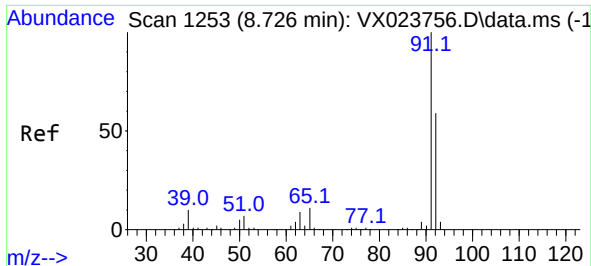
Tgt Ion: 83 Resp: 115570
Ion Ratio Lower Upper
83 100
55 81.0 58.9 88.3
98 43.5 38.1 57.1



#50
Toluene-d8
Concen: 49.197 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Tgt Ion: 98 Resp: 290611
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

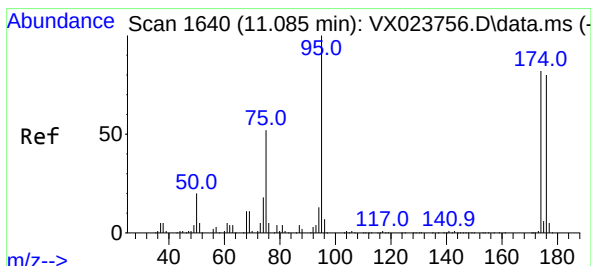
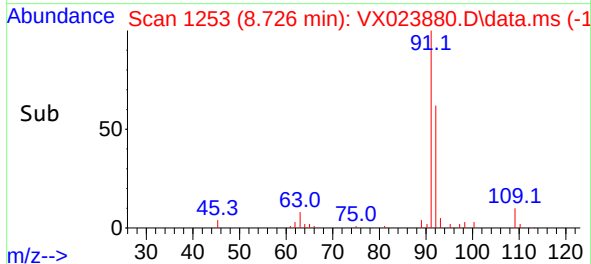
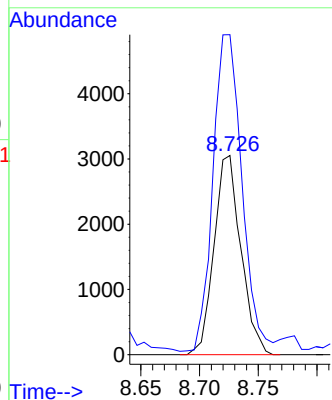
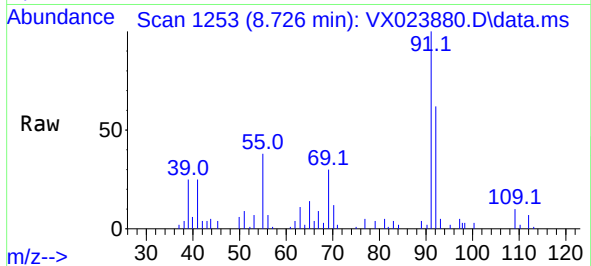




#52
Toluene
Concen: 1.166 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

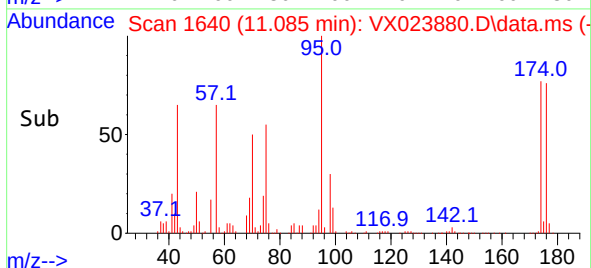
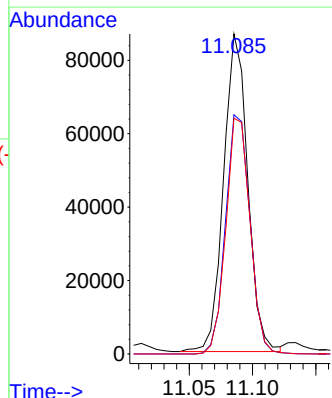
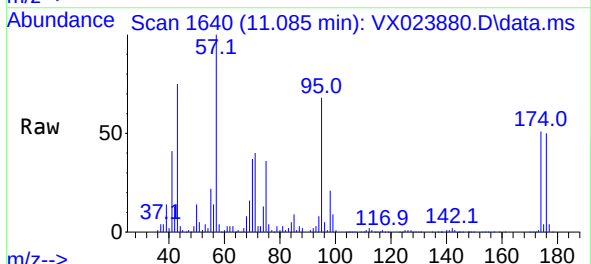
Instrument :
MSVOA_X
ClientSampled :
B-1

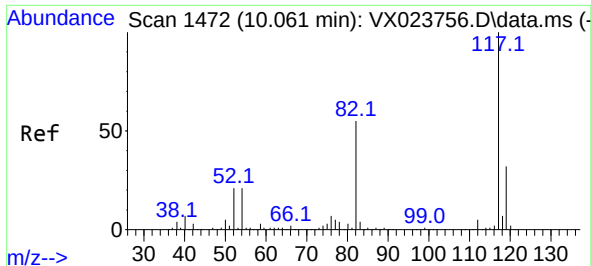
Tgt Ion: 92 Resp: 4851
Ion Ratio Lower Upper
92 100
91 171.0 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 52.712 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Tgt Ion: 95 Resp: 114624
Ion Ratio Lower Upper
95 100
174 76.2 0.0 154.6
176 74.5 0.0 155.8

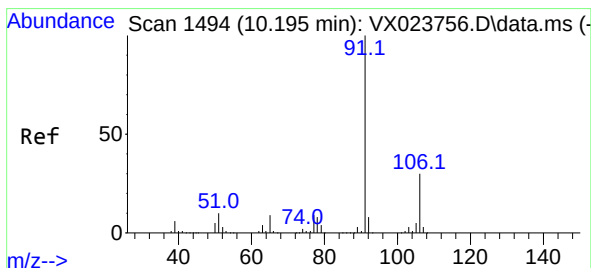
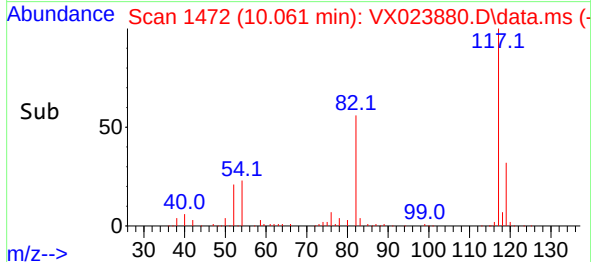
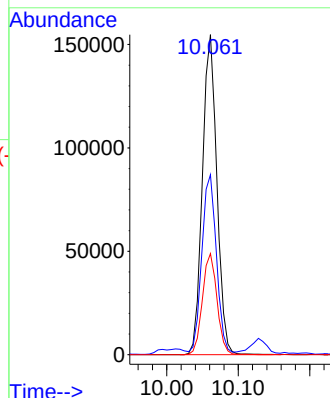
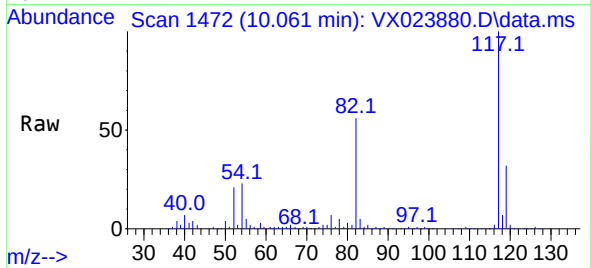




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

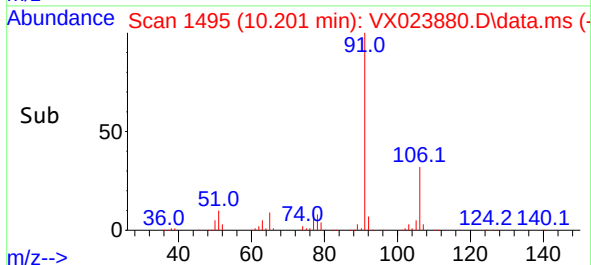
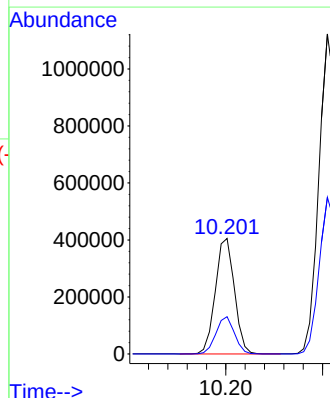
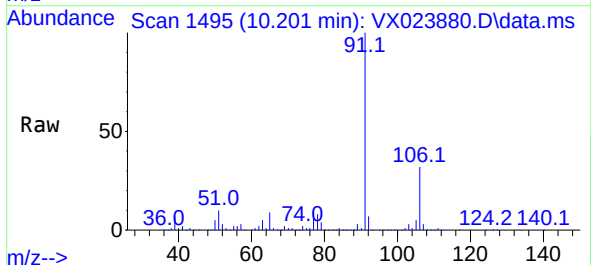
Instrument :
MSVOA_X
ClientSampled :
B-1

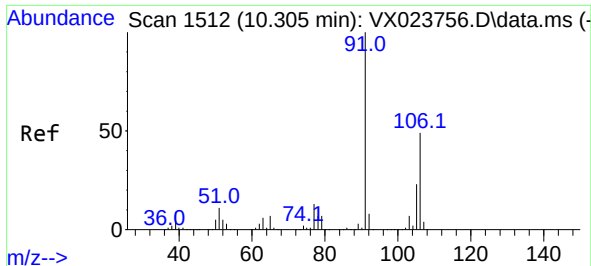
Tgt Ion:	117	Resp:	217729
Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.4	71.2
119	31.6	26.6	39.8



#67
Ethyl Benzene
Concen: 69.747 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Tgt Ion:	91	Resp:	553370
Ion	Ratio	Lower	Upper
91	100		
106	32.3	24.6	37.0

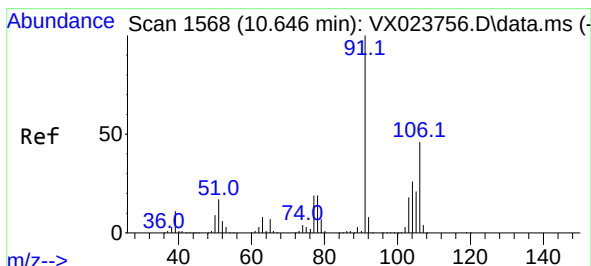
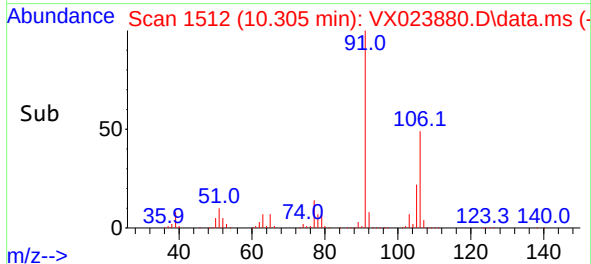
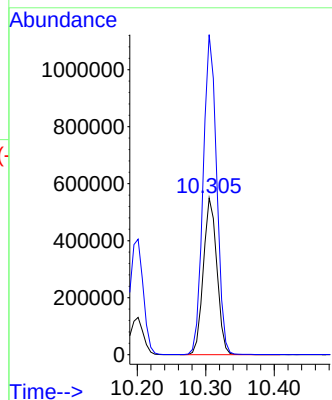
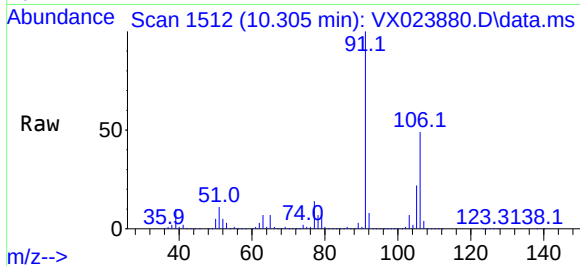




#68
m/p-Xylenes
Concen: 250.302 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

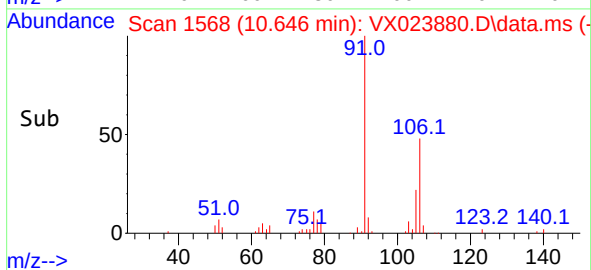
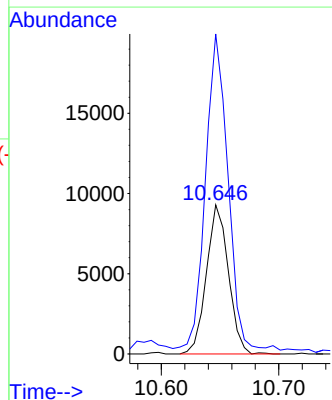
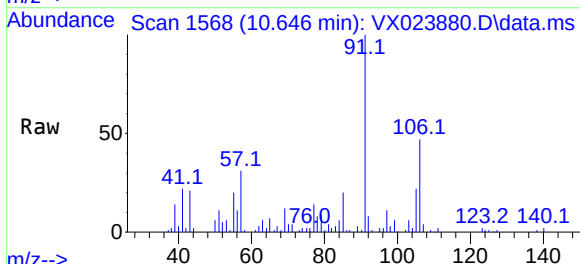
Instrument :
MSVOA_X
ClientSampled :
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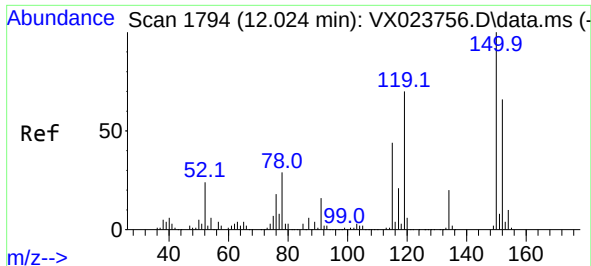
Tgt Ion:106 Resp: 756411
Ion Ratio Lower Upper
106 100
91 204.3 162.8 244.2



#69
o-Xylene
Concen: 4.063 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Tgt Ion:106 Resp: 12067
Ion Ratio Lower Upper
106 100
91 224.2 108.1 324.2

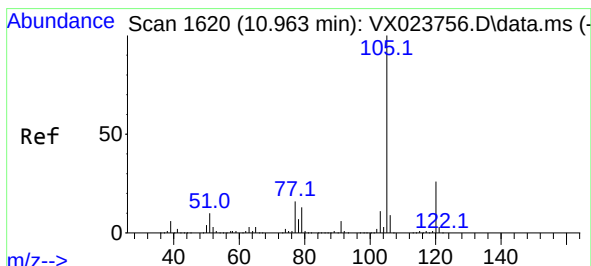
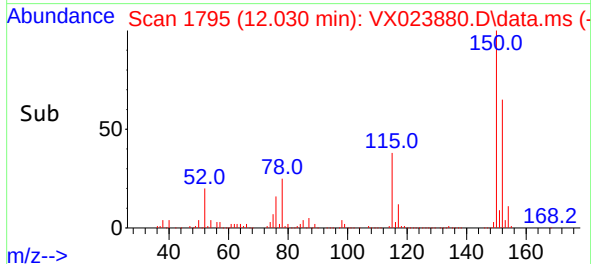
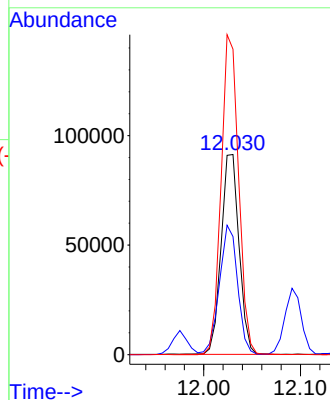
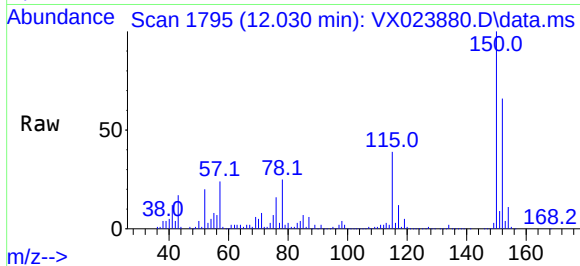




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

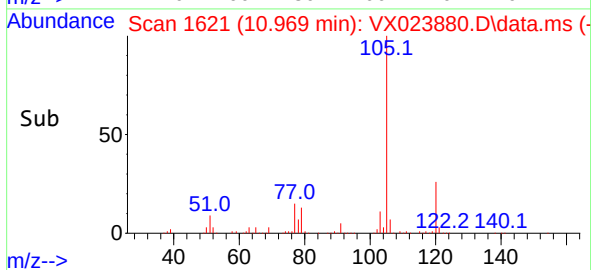
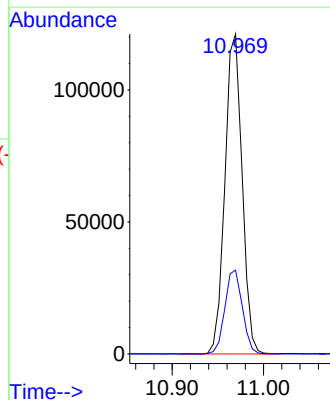
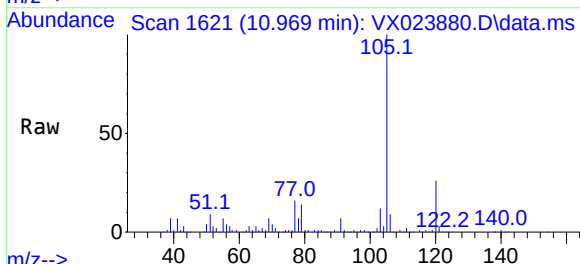
Instrument :
MSVOA_X
ClientSampled :
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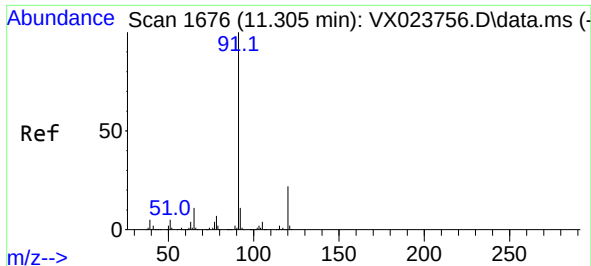
Tgt Ion:152 Resp: 117375
Ion Ratio Lower Upper
152 100
115 65.4 41.1 123.3
150 156.1 0.0 349.0



#73
Isopropylbenzene
Concen: 17.726 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Tgt Ion:105 Resp: 158694
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

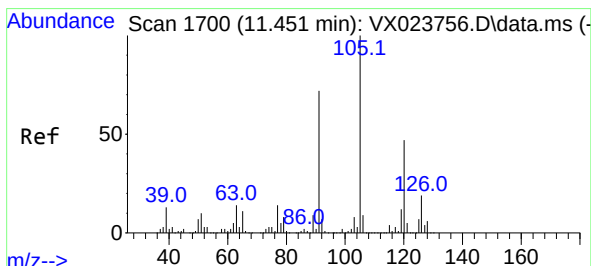
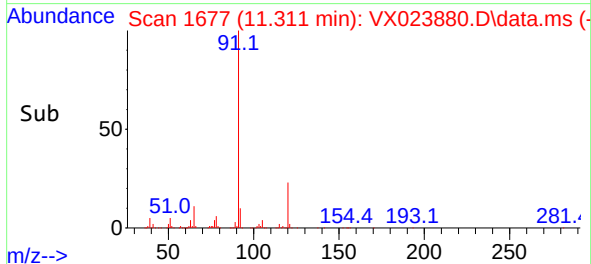
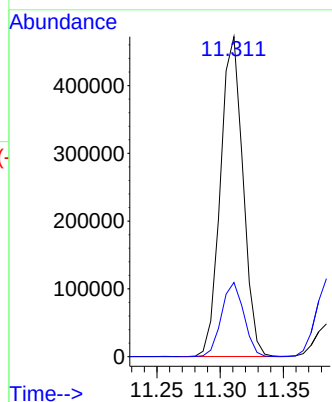
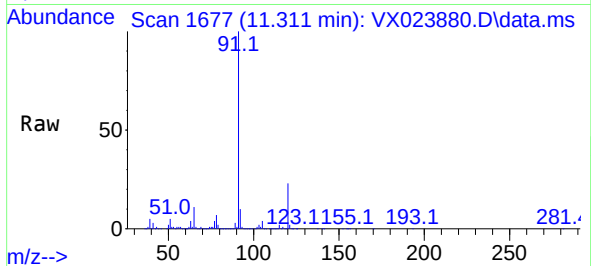




#78
n-propylbenzene
Concen: 56.961 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

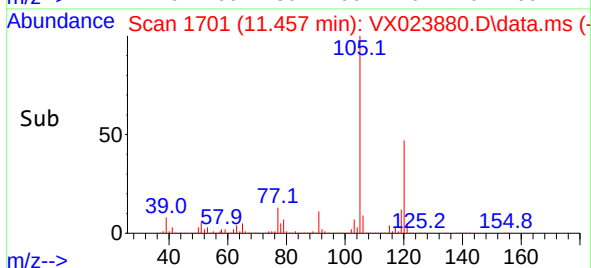
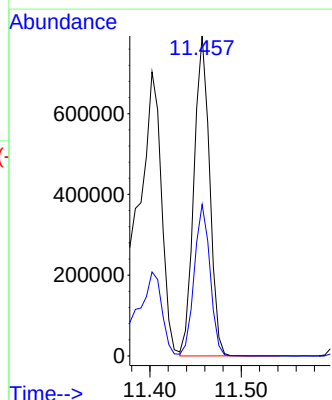
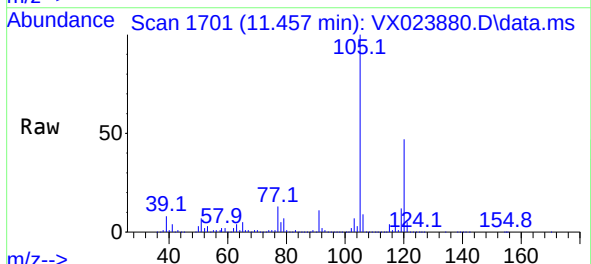
Instrument :
MSVOA_X
ClientSampled :
B-1

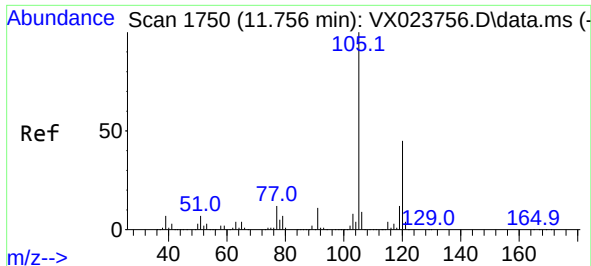
Tgt Ion: 91 Resp: 583268
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 128.350 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Tgt Ion: 105 Resp: 944309
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.5

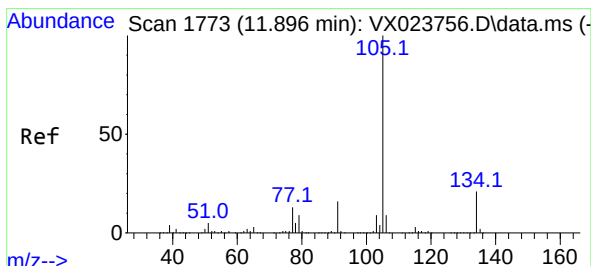
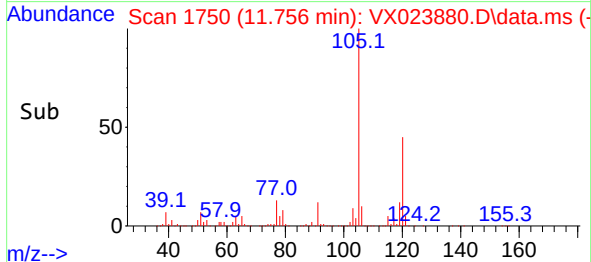
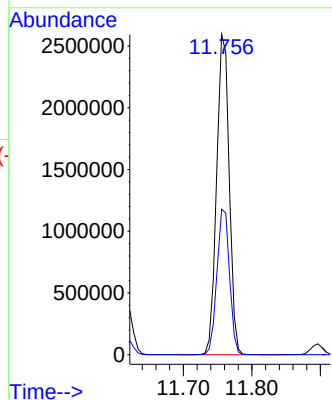
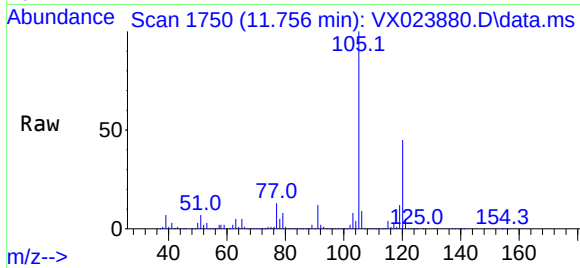




#84
1,2,4-Trimethylbenzene
Concen: 450.816 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

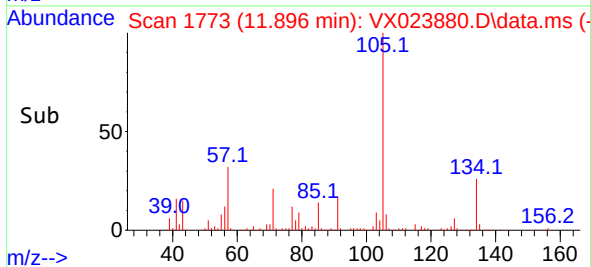
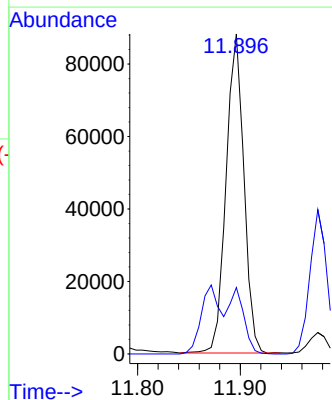
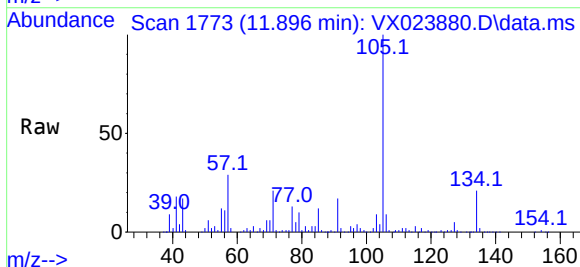
Instrument :
MSVOA_X
ClientSampled :
B-1

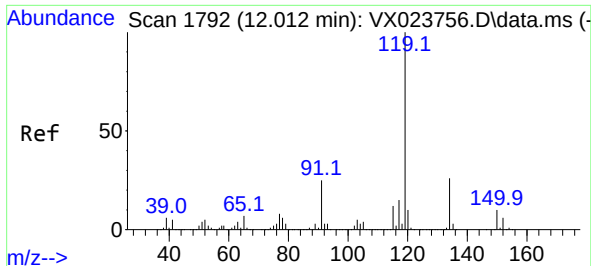
Tgt Ion:105 Resp: 3307100
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.3



#85
sec-Butylbenzene
Concen: 11.709 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Tgt Ion:105 Resp: 105923
Ion Ratio Lower Upper
105 100
134 17.3 10.0 29.8

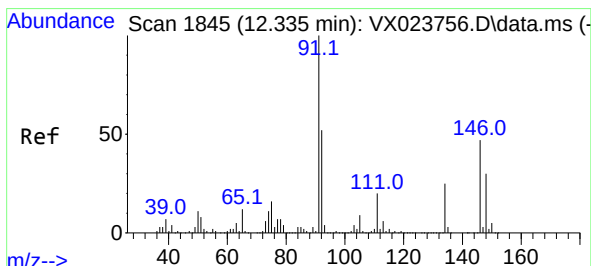
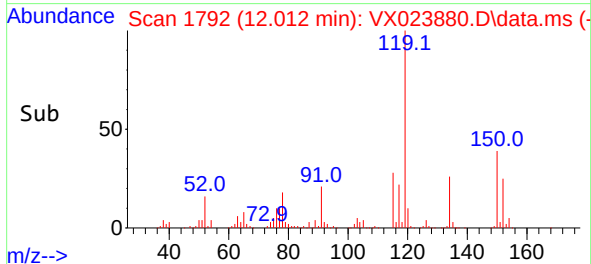
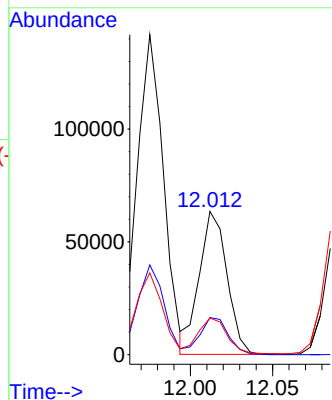
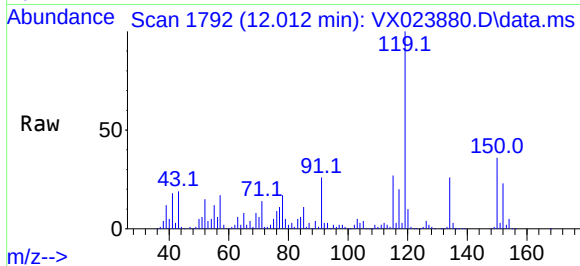




#86
p-Isopropyltoluene
Concen: 9.998 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

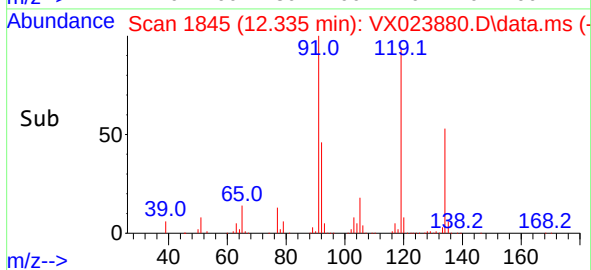
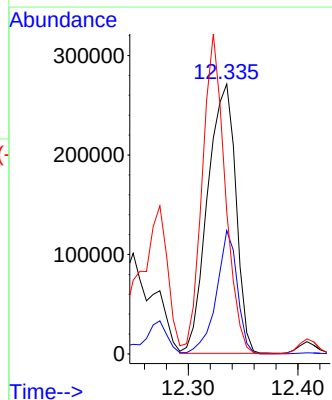
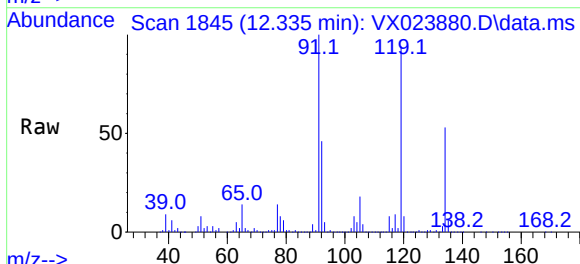
Instrument :
MSVOA_X
ClientSampled :
B-1

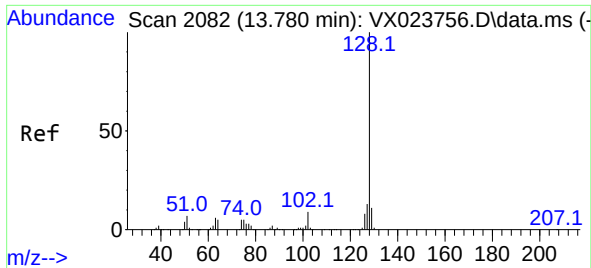
Tgt Ion:	119	Resp:	74444
Ion	Ratio	Lower	Upper
119	100		
134	26.8	12.9	38.7
91	25.8	11.7	35.0



#89
n-Butylbenzene
Concen: 72.675 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Tgt Ion:	91	Resp:	483147
Ion	Ratio	Lower	Upper
91	100		
92	34.0	27.4	82.0
134	96.4	13.2	39.5#





#95
Naphthalene
Concen: 112.146 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023880.D
Acq: 20 Aug 2021 16:23

Instrument :
MSVOA_X
ClientSampleId :
B-1

Tgt Ion:128 Resp: 976850
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.6 8.8 13.2

