

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024164.D
 Acq On : 10 Sep 2021 14:35
 Operator : JC/MD
 Sample : M3694-02DL 5X
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-2DL

Quant Time: Sep 11 04:22:55 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)

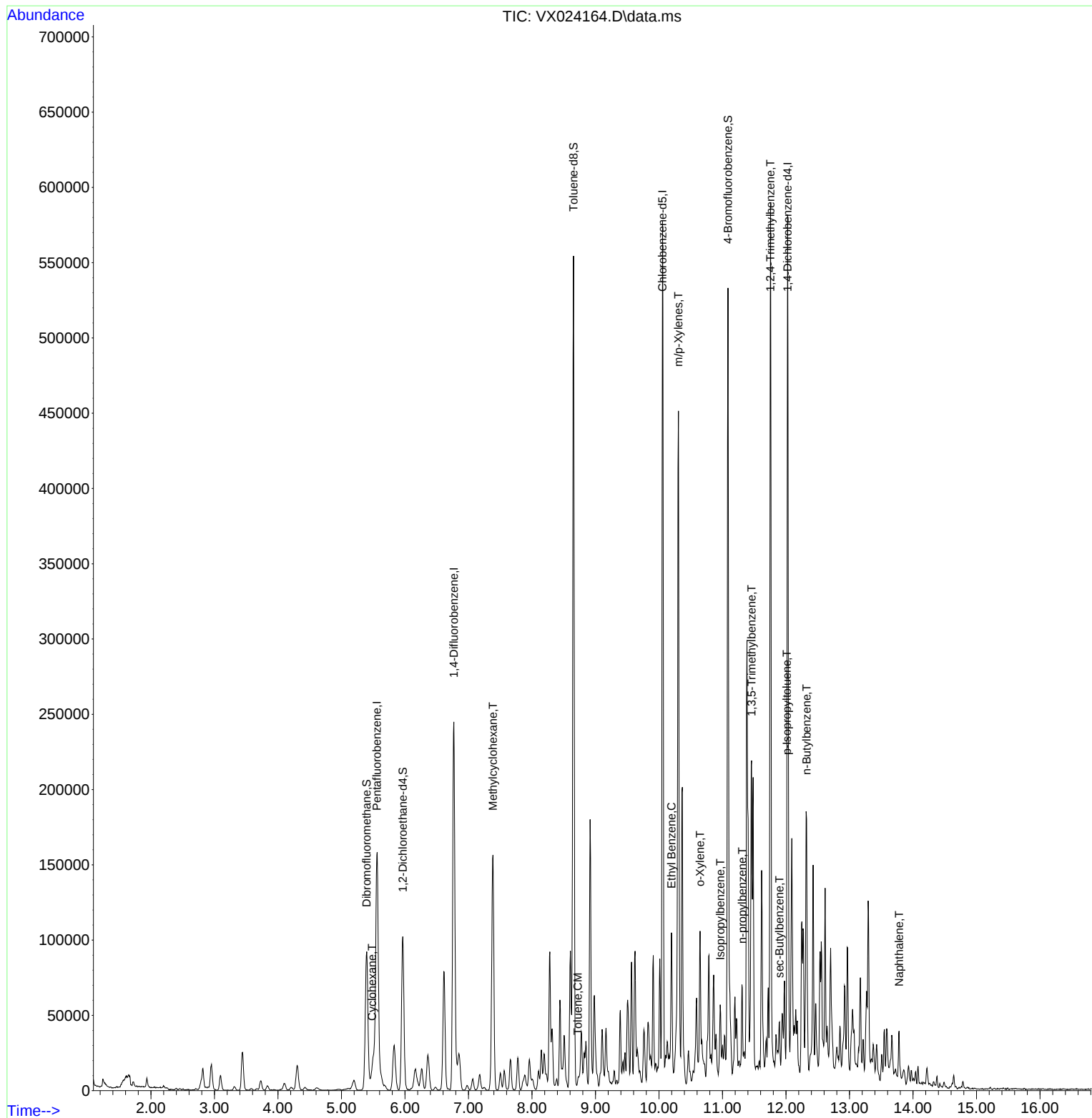
Internal Standards						
1) Pentafluorobenzene	5.556	168	148728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104027	50.115	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.220%			
35) Dibromofluoromethane	5.397	113	78692	47.977	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.960%			
50) Toluene-d8	8.653	98	309674	49.606	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.085	95	122367	53.247	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.500%			
Target Compounds					Qvalue	
31) Cyclohexane	5.483	56	10406	3.902	ug/l #	71
39) Methylcyclohexane	7.385	83	70252	25.142	ug/l	96
52) Toluene	8.720	92	1856	0.422	ug/l	86
67) Ethyl Benzene	10.195	91	48757	5.399	ug/l	98
68) m/p-Xylenes	10.305	106	95025	27.628	ug/l	97
69) o-Xylene	10.647	106	20506	6.067	ug/l	98
73) Isopropylbenzene	10.964	105	18577	2.181	ug/l	99
78) n-propylbenzene	11.311	91	36340	3.731	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	86308	12.332	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	238879	34.231	ug/l	99
85) sec-Butylbenzene	11.896	105	7472	0.868	ug/l	98
86) p-Isopropyltoluene	12.012	119	10788	1.523	ug/l	89
89) n-Butylbenzene	12.323	91	23791	3.762	ug/l #	26
95) Naphthalene	13.780	128	20133	3.684	ug/l #	96

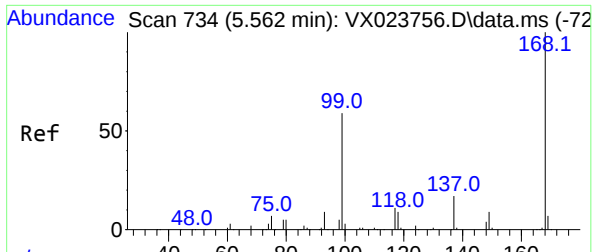
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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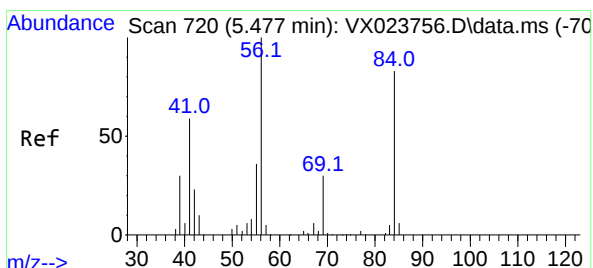
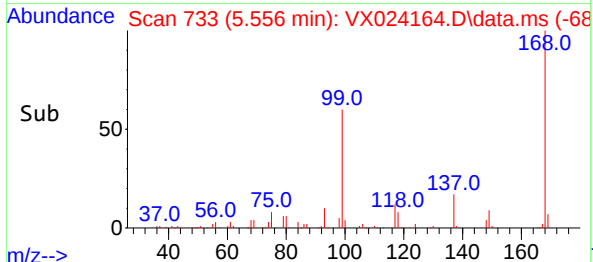
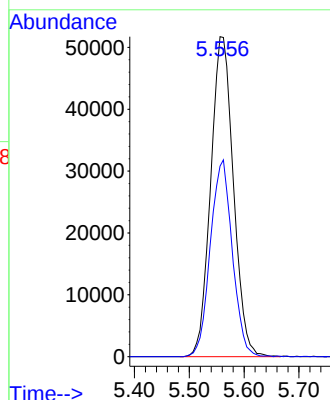
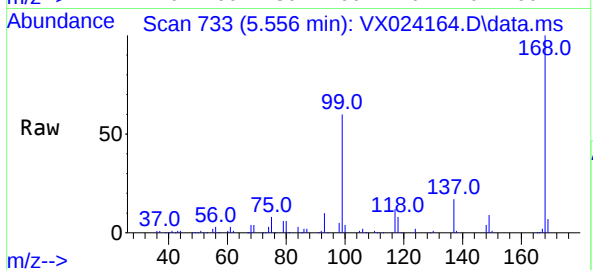




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

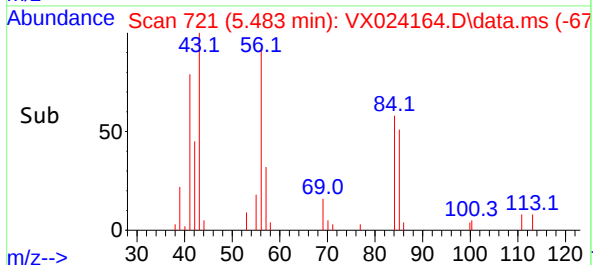
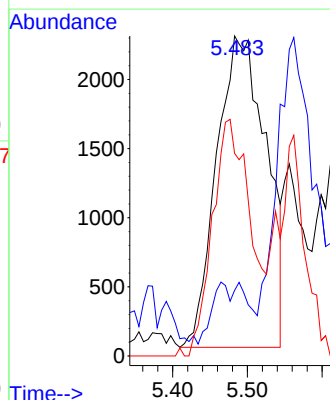
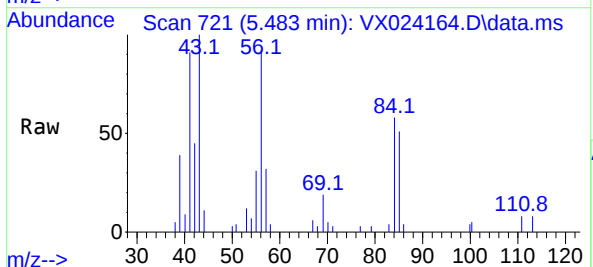
Instrument :
MSVOA_X
ClientSampled :
S-2DL

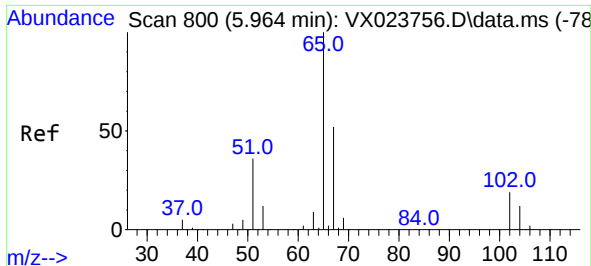
Tgt Ion:168 Resp: 148728
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#31
Cyclohexane
Concen: 3.902 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Tgt Ion: 56 Resp: 10406
Ion Ratio Lower Upper
56 100
69 15.5 25.3 37.9#
84 62.6 71.4 107.0#



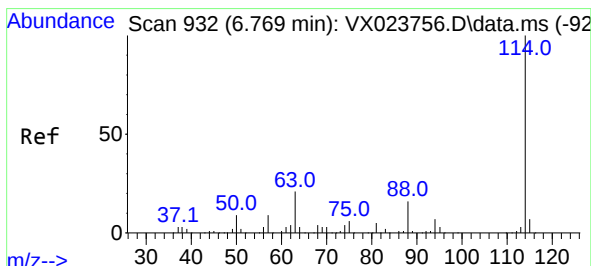
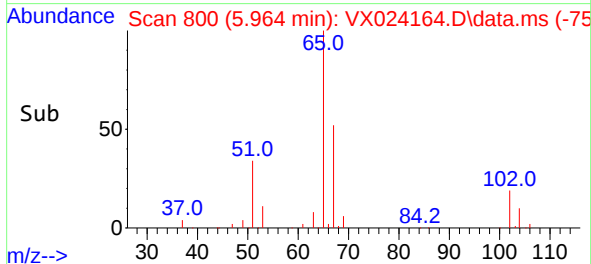
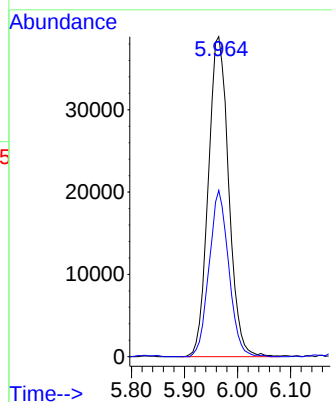
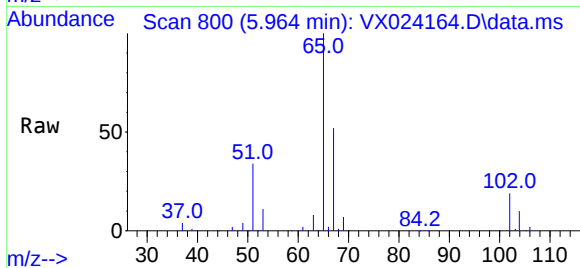


#33

1,2-Dichloroethane-d4
Concen: 50.115 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Instrument :
MSVOA_X
ClientSampled :
S-2DL

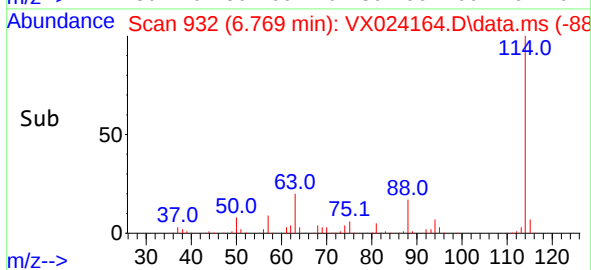
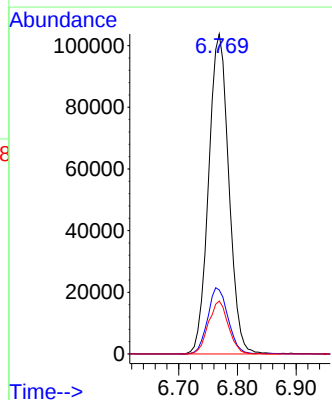
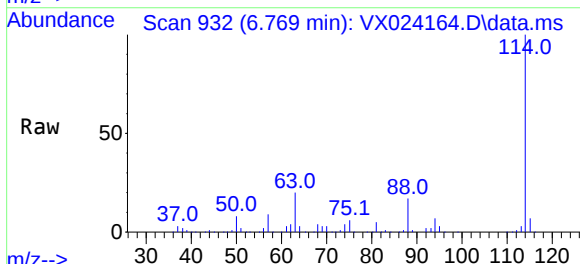
Tgt Ion: 65 Resp: 104027
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

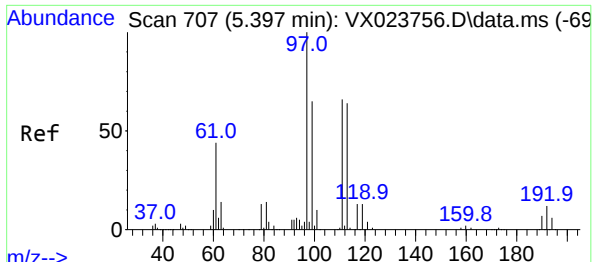


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Tgt Ion: 114 Resp: 247810
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.5 0.0 32.8

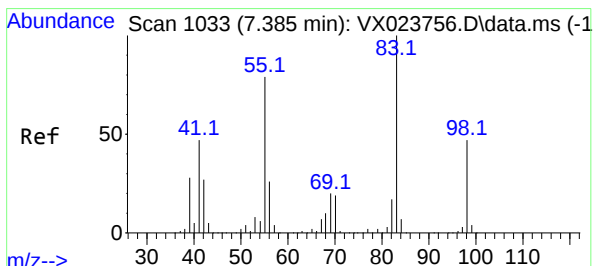
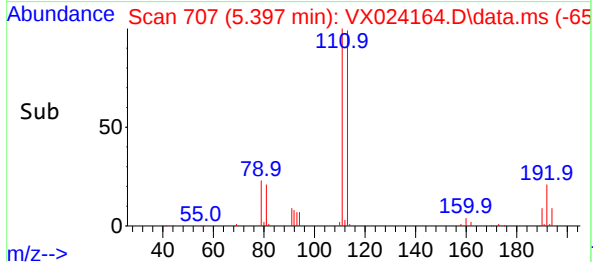
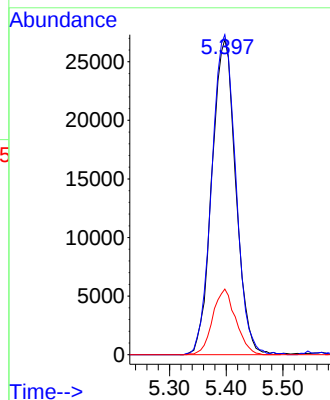
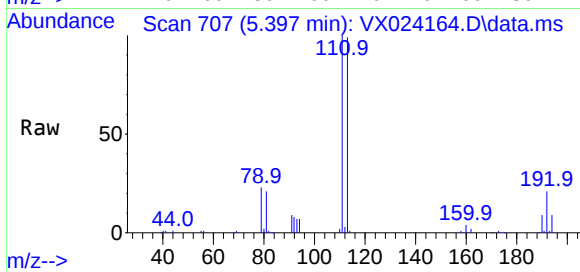




#35
Dibromofluoromethane
Concen: 47.977 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

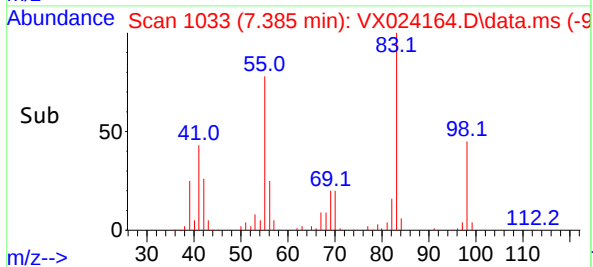
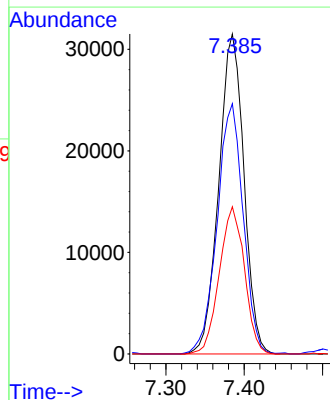
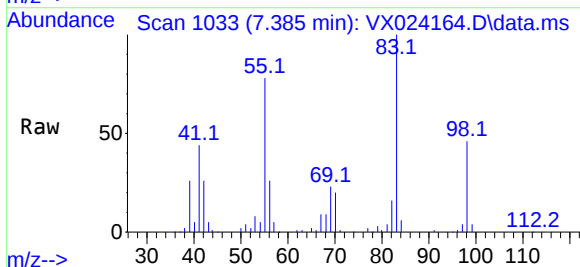
Instrument :
MSVOA_X
ClientSampled :
S-2DL

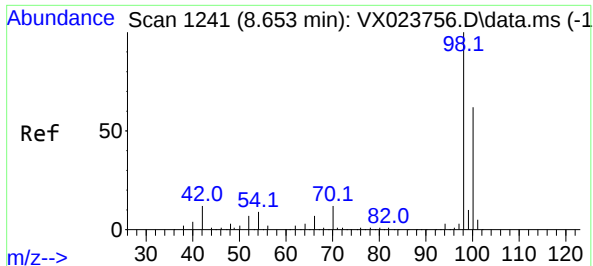
Tgt Ion:113 Resp: 78692
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.1 16.7 25.1



#39
Methylcyclohexane
Concen: 25.142 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Tgt Ion: 83 Resp: 70252
Ion Ratio Lower Upper
83 100
55 78.2 58.9 88.3
98 46.0 38.1 57.1





#50

Toluene-d8

Concen: 49.606 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024164.D

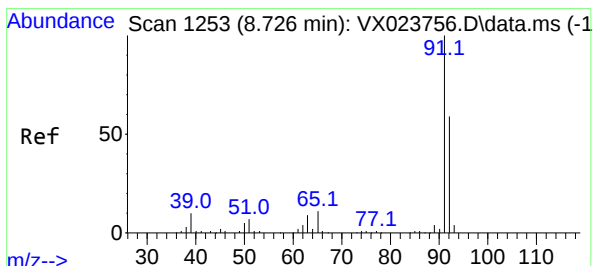
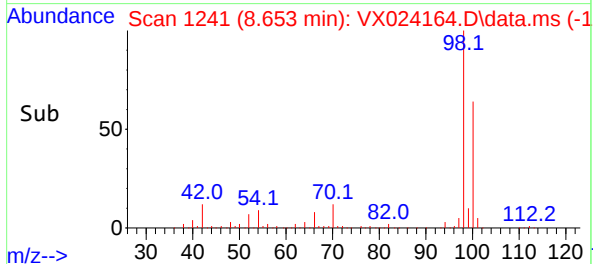
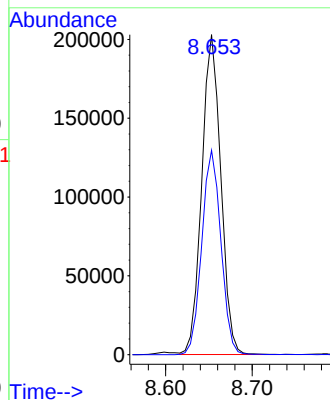
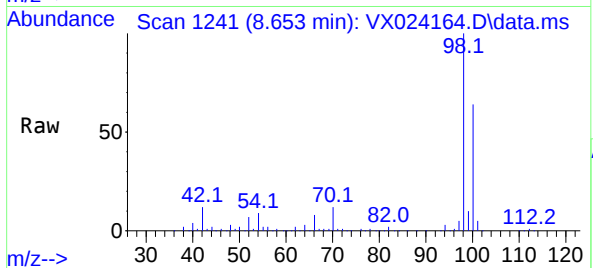
Acq: 10 Sep 2021 14:35

Tgt Ion: 98 Resp: 309674

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#52

Toluene

Concen: 0.422 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.006 min

Lab File: VX024164.D

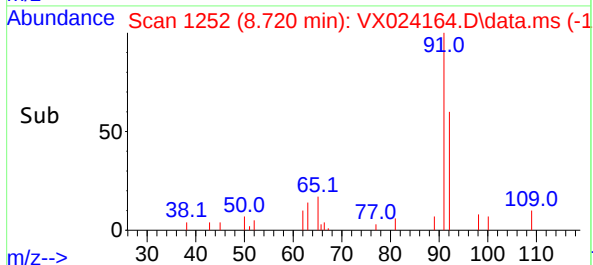
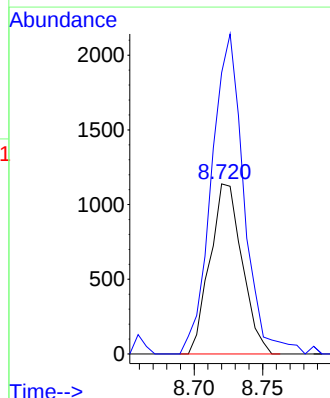
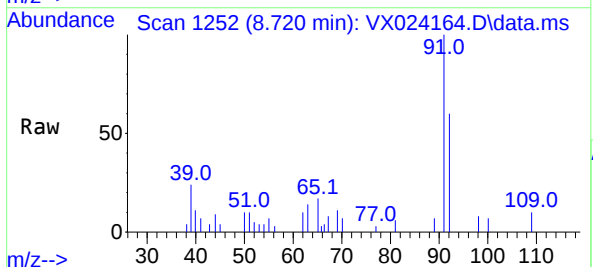
Acq: 10 Sep 2021 14:35

Tgt Ion: 92 Resp: 1856

Ion Ratio Lower Upper

92 100

91 191.1 137.1 205.7

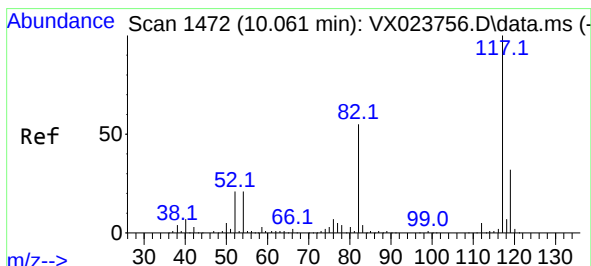
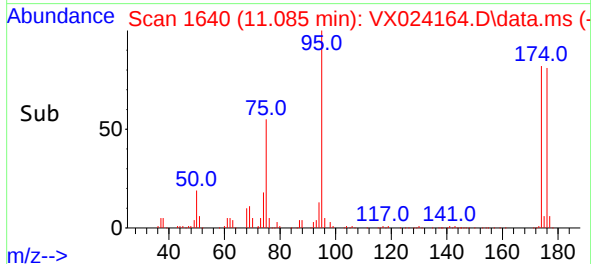
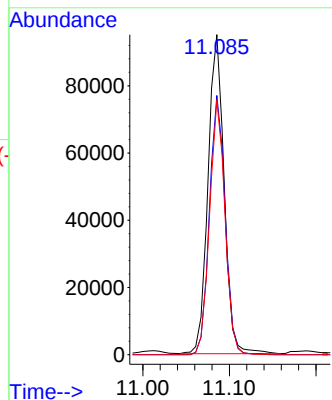
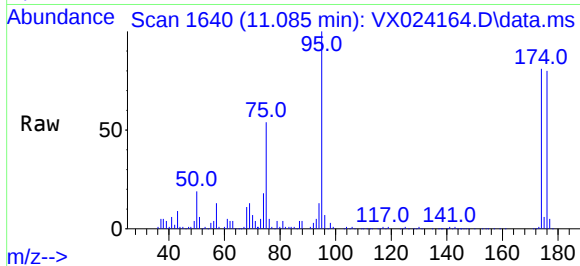




#62
4-Bromofluorobenzene
Concen: 53.247 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

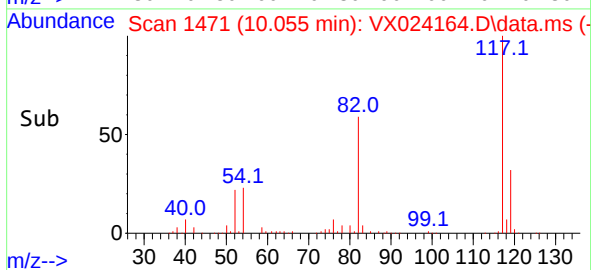
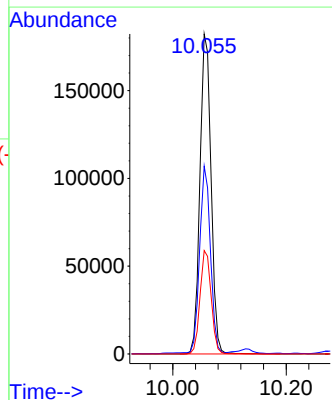
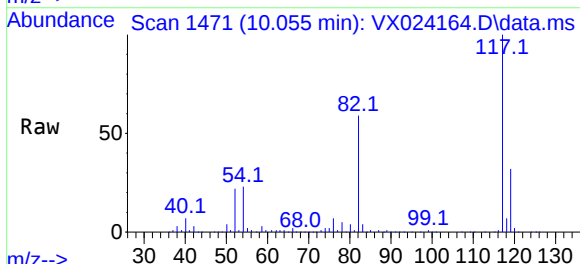
Instrument :
MSVOA_X
ClientSampleId :
S-2DL

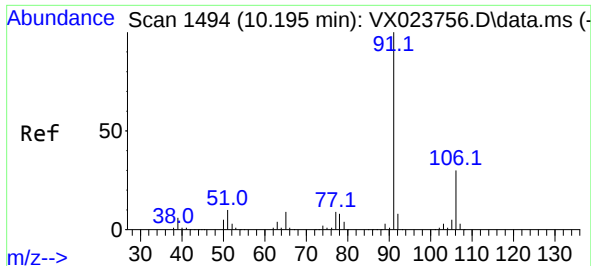
Tgt Ion: 95 Resp: 122367
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 76.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Tgt Ion: 117 Resp: 247807
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.3 26.6 39.8

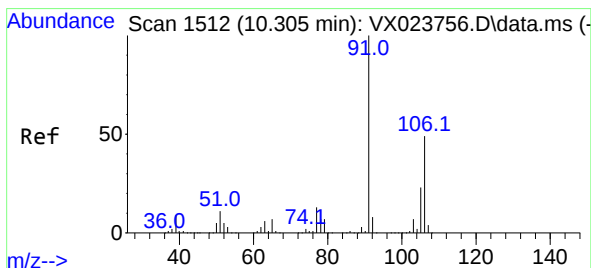
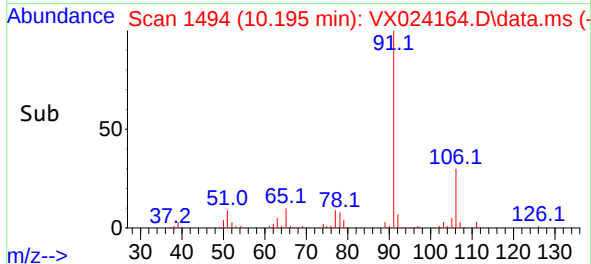
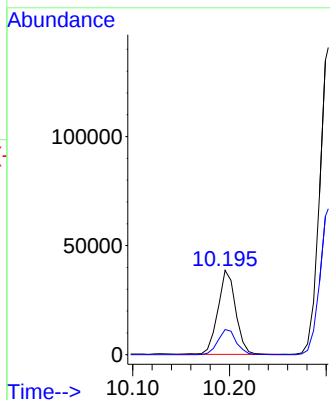
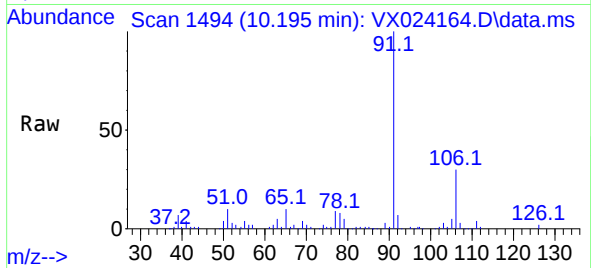




#67
Ethyl Benzene
Concen: 5.399 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

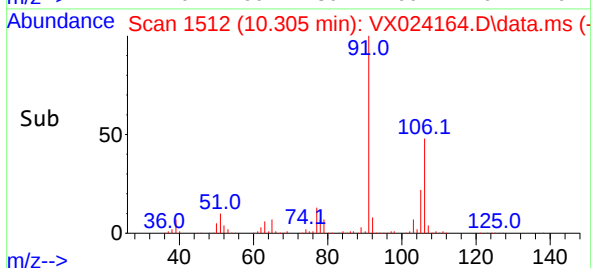
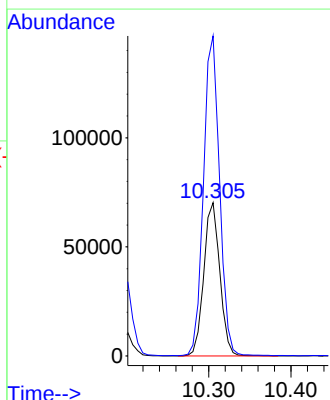
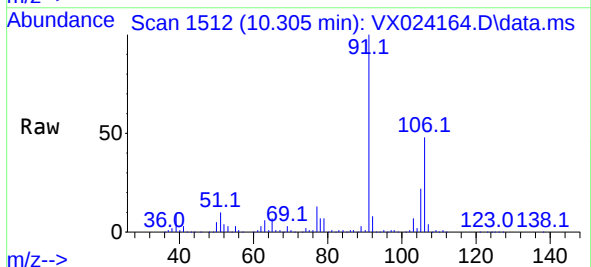
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ClientSampled :
S-2DL

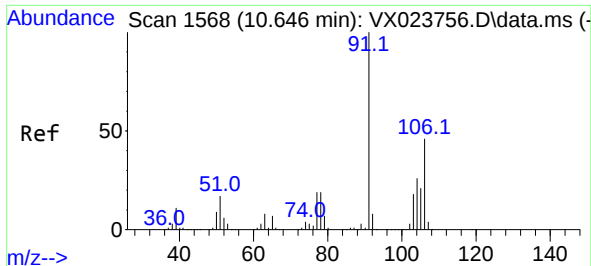
Tgt Ion: 91 Resp: 48757
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0



#68
m/p-Xylenes
Concen: 27.628 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Tgt Ion: 106 Resp: 95025
Ion Ratio Lower Upper
106 100
91 208.7 162.8 244.2

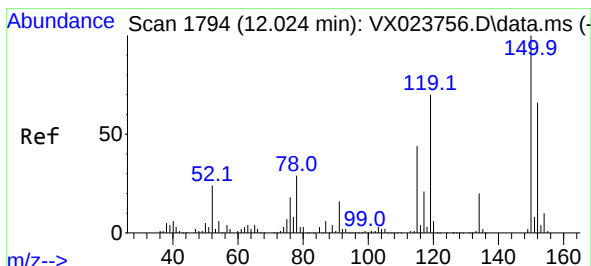
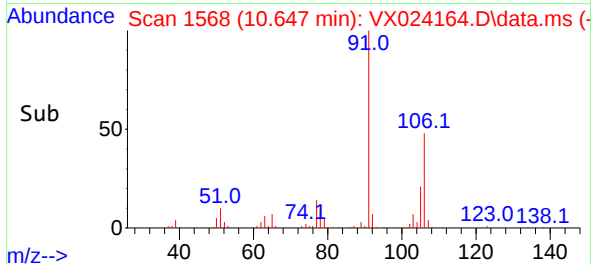
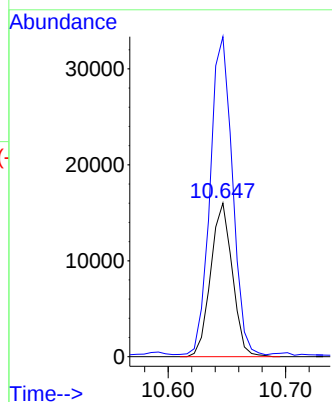
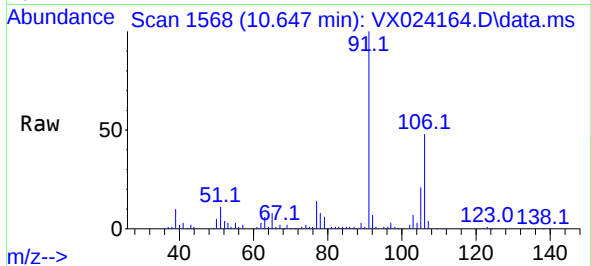




#69
o-Xylene
Concen: 6.067 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

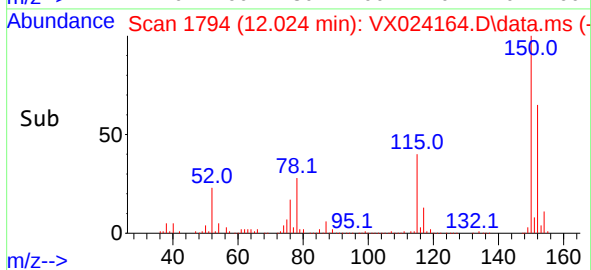
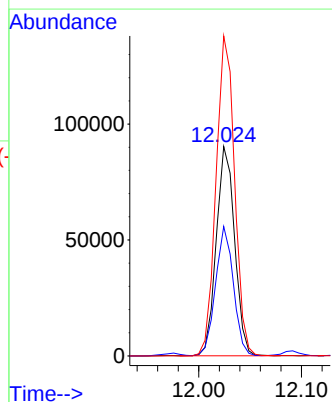
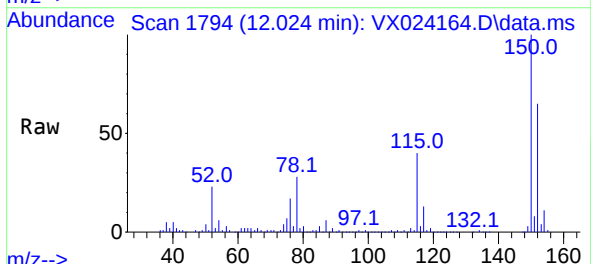
Instrument :
MSVOA_X
ClientSampleId :
S-2DL

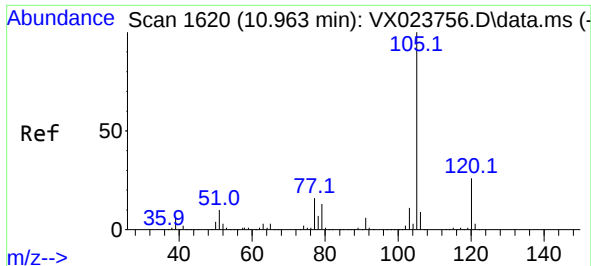
Tgt Ion:106 Resp: 20506
Ion Ratio Lower Upper
106 100
91 212.3 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Tgt Ion:152 Resp: 111658
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 154.9 0.0 349.0

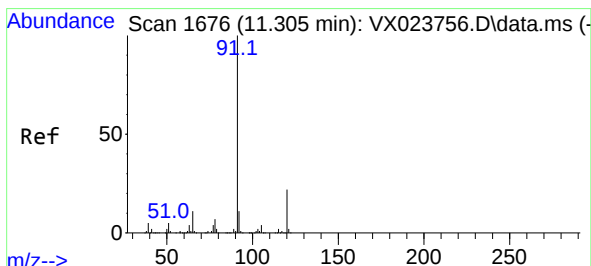
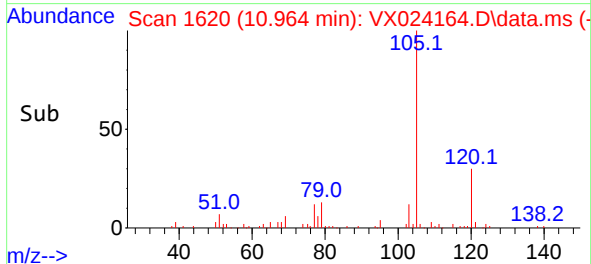
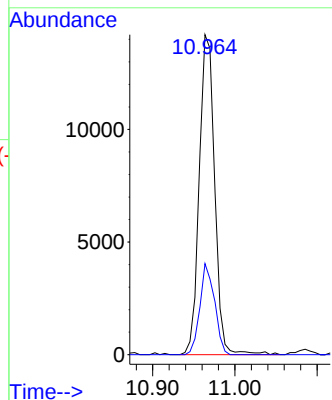
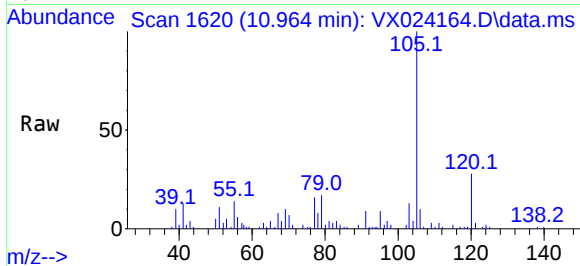




#73
Isopropylbenzene
Concen: 2.181 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

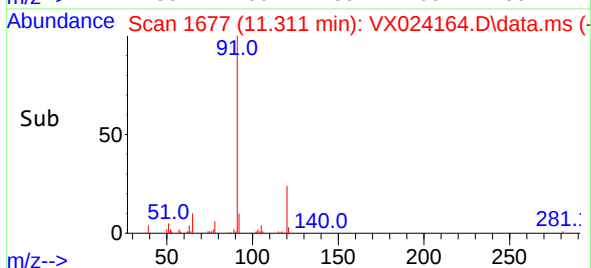
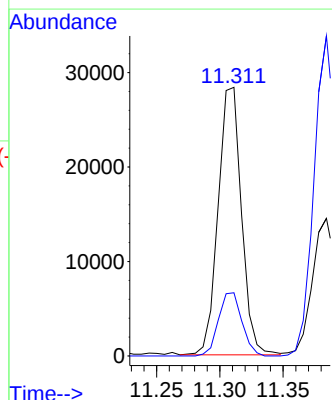
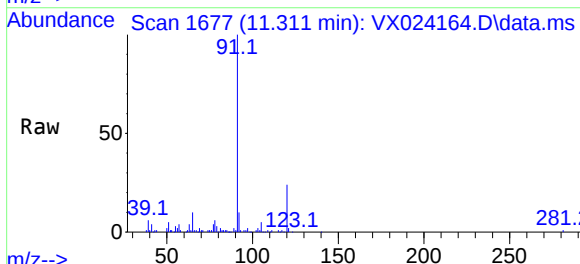
Instrument :
MSVOA_X
ClientSampled :
S-2DL

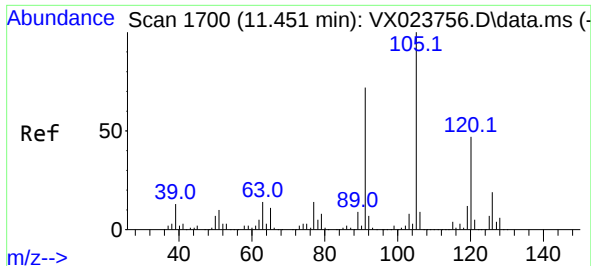
Tgt Ion:105 Resp: 18577
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#78
n-propylbenzene
Concen: 3.731 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Tgt Ion: 91 Resp: 36340
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.5

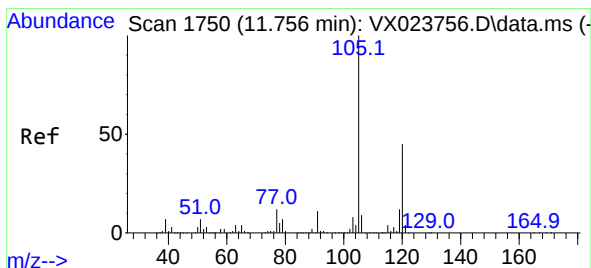
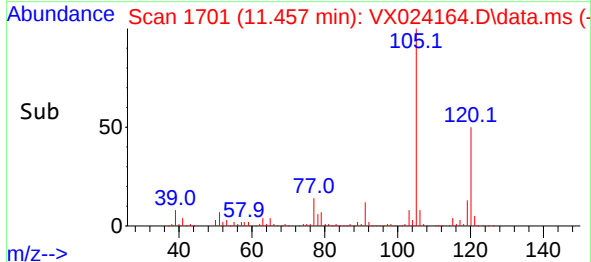
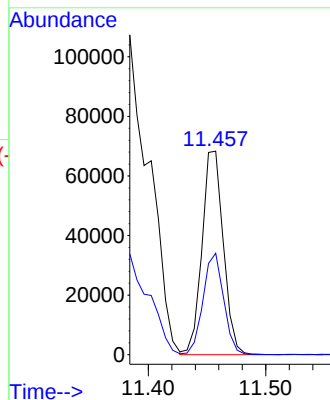
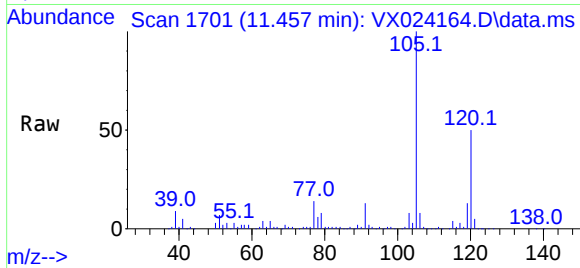




#80
1,3,5-Trimethylbenzene
Concen: 12.332 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

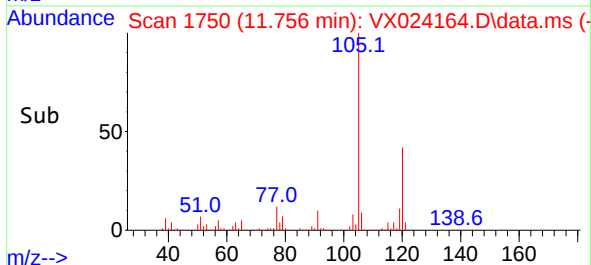
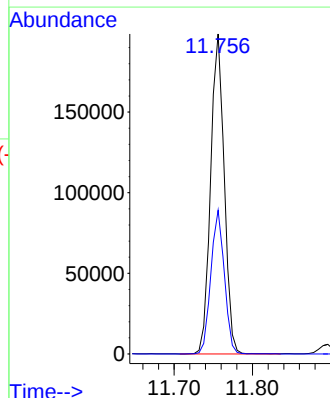
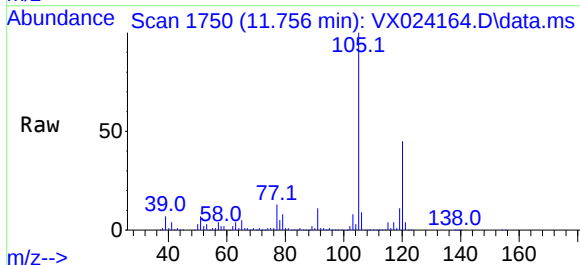
Instrument :
MSVOA_X
ClientSampled :
S-2DL

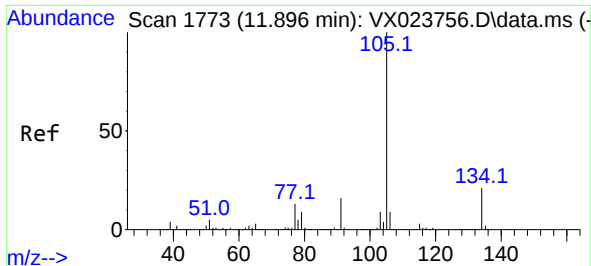
Tgt Ion:105 Resp: 86308
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 34.231 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Tgt Ion:105 Resp: 238879
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3

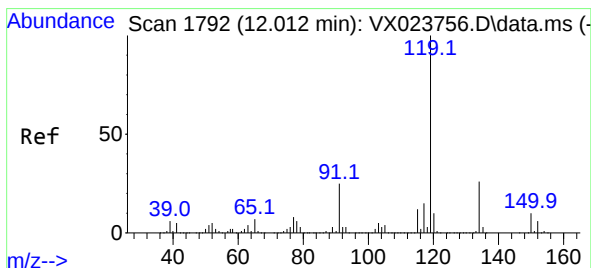
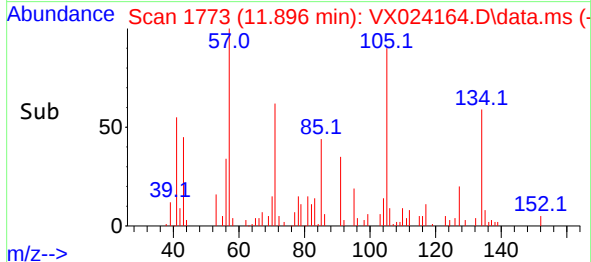
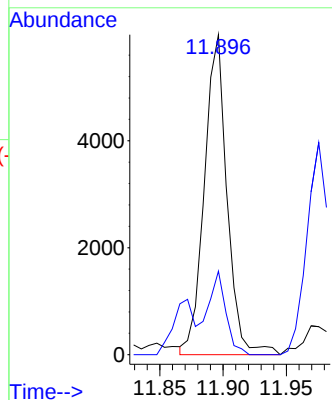
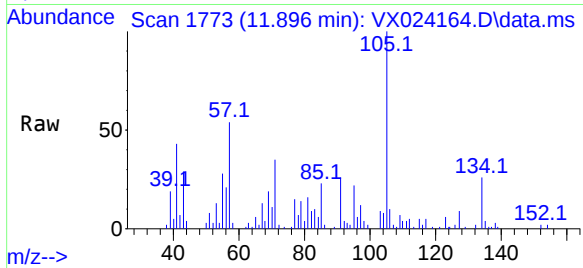




#85
sec-Butylbenzene
Concen: 0.868 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

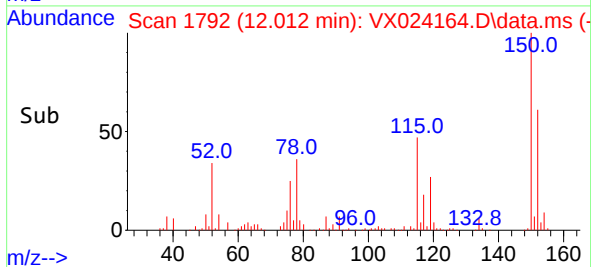
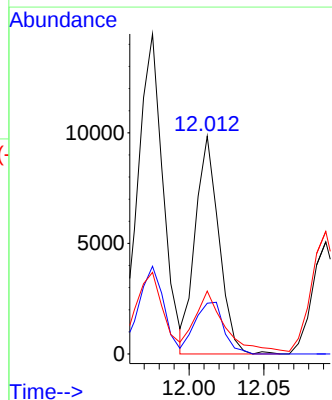
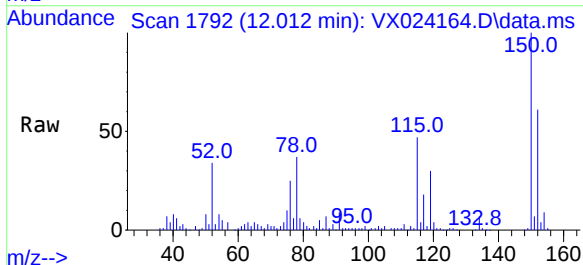
Instrument :
MSVOA_X
ClientSampled :
S-2DL

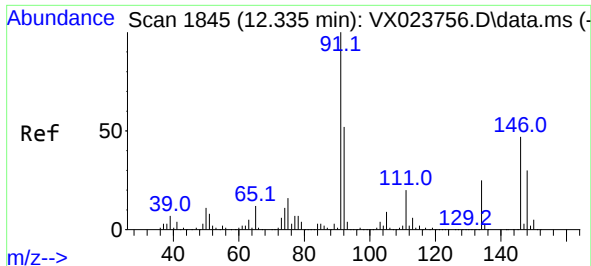
Tgt Ion:105 Resp: 7472
Ion Ratio Lower Upper
105 100
134 21.0 10.0 29.8



#86
p-Isopropyltoluene
Concen: 1.523 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Tgt Ion:119 Resp: 10788
Ion Ratio Lower Upper
119 100
134 29.1 12.9 38.7
91 31.5 11.7 35.0

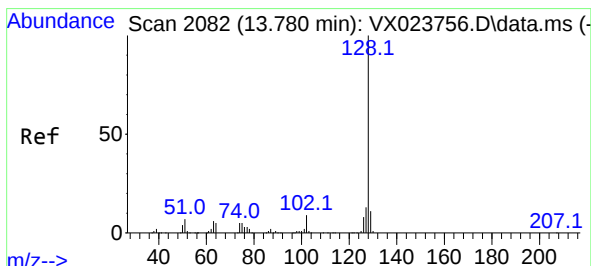
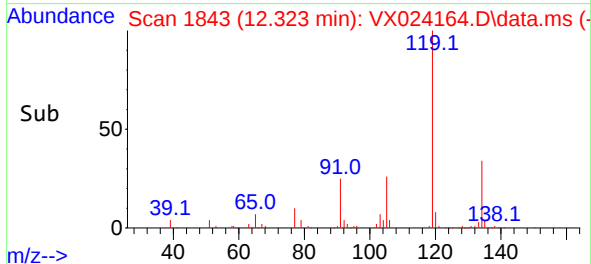
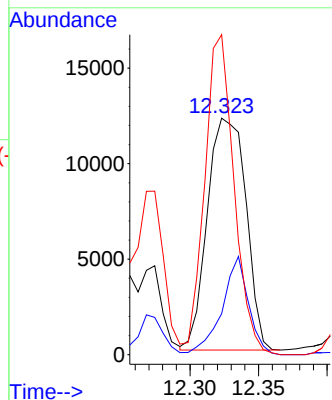
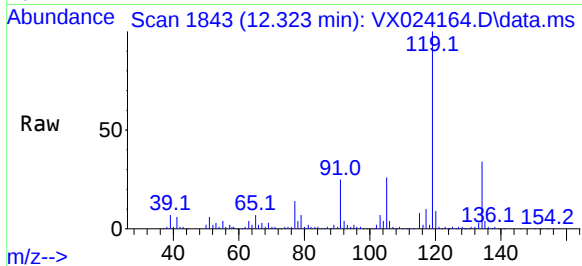




#89
n-Butylbenzene
Concen: 3.762 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Instrument :
MSVOA_X
ClientSampled :
S-2DL

Tgt Ion: 91 Resp: 23791
Ion Ratio Lower Upper
91 100
92 29.2 27.4 82.0
134 105.0 13.2 39.5#



#95
Naphthalene
Concen: 3.684 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024164.D
Acq: 10 Sep 2021 14:35

Tgt Ion: 128 Resp: 20133
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 13.5 8.8 13.2#

