

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022231.D
 Acq On : 27 May 2021 14:43
 Operator : JC/MD
 Sample : M2535-06 20X
 Misc : 6.22g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GHOST-2

Quant Time: May 27 15:15:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

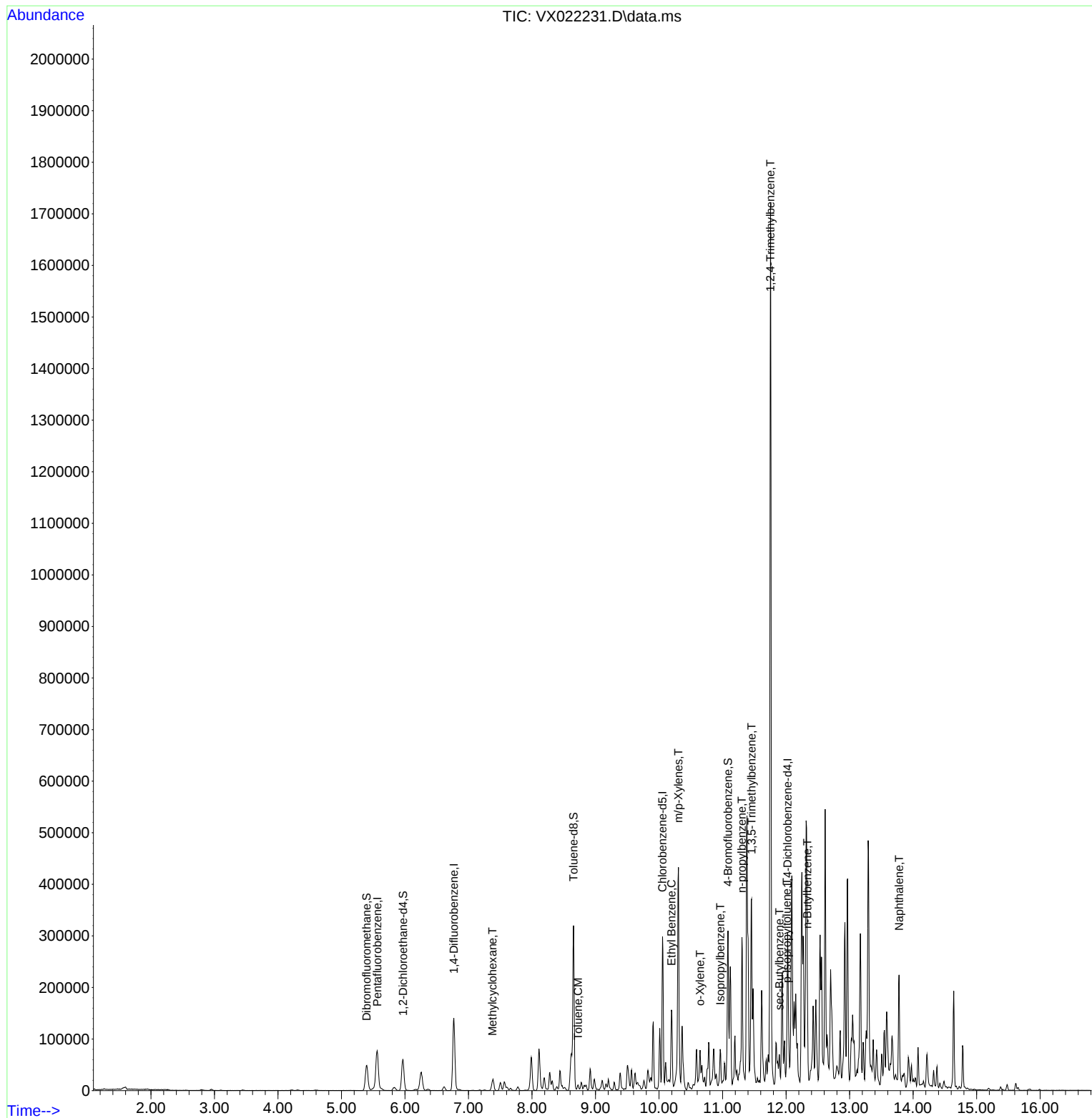
Internal Standards						
1) Pentafluorobenzene	5.562	168	70157	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	140759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	56377	52.09	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	104.18%		
35) Dibromofluoromethane	5.397	113	42801	47.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.90%		
50) Toluene-d8	8.653	98	174967	50.88	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.76%		
62) 4-Bromofluorobenzene	11.085	95	61778	48.61	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.22%		
Target Compounds						Qvalue
39) Methylcyclohexane	7.379	83	9713	6.58	ug/l	# 90
52) Toluene	8.726	92	3730	1.47	ug/l	99
67) Ethyl Benzene	10.195	91	69013	14.19	ug/l	98
68) m/p-Xylenes	10.305	106	95340	51.86	ug/l	100
69) o-Xylene	10.646	106	14768	8.26	ug/l	95
73) Isopropylbenzene	10.963	105	32364	7.70	ug/l	99
78) n-propylbenzene	11.305	91	162714	33.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	154170	44.26	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	665821	189.91	ug/l	99
85) sec-Butylbenzene	11.896	105	17426m	4.11	ug/l	
86) p-Isopropyltoluene	12.012	119	9377	2.62	ug/l	92
89) n-Butylbenzene	12.335	91	84492	25.48	ug/l	# 42
95) Naphthalene	13.780	128	126654	32.61	ug/l	99

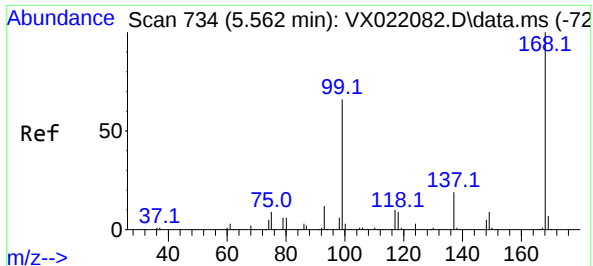
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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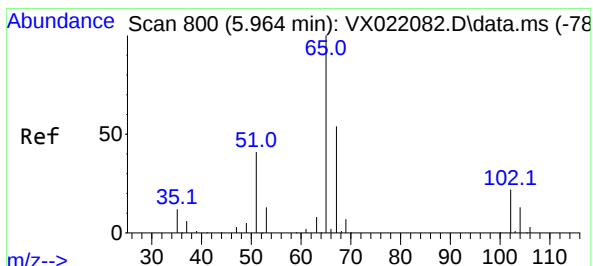
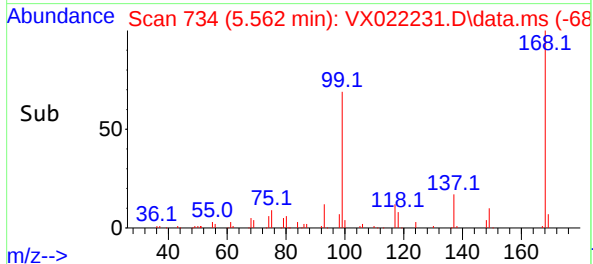
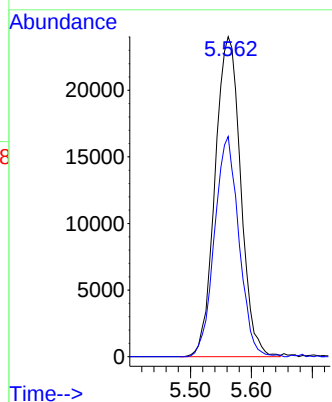
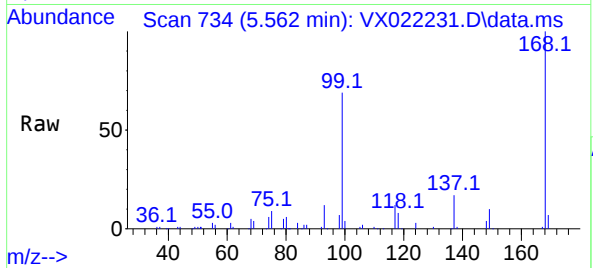




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

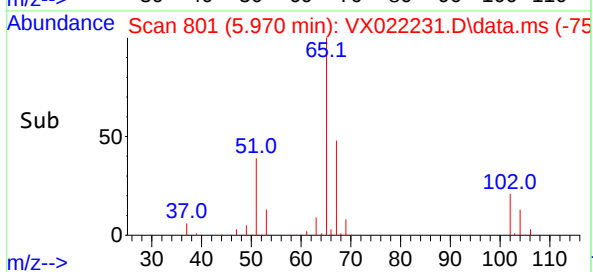
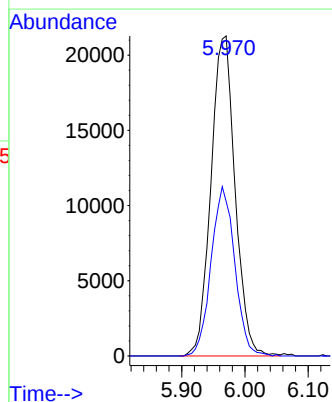
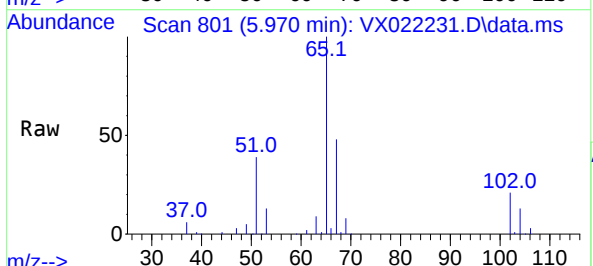
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2

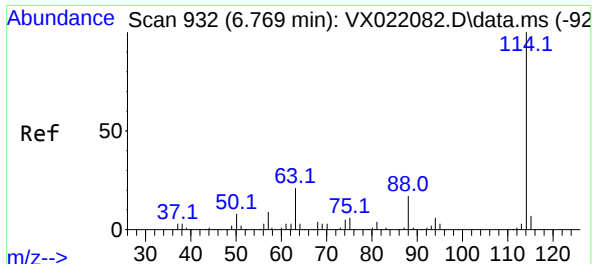
Tgt Ion:168 Resp: 70157
Ion Ratio Lower Upper
168 100
99 68.8 45.8 68.6#



#33
1,2-Dichloroethane-d4
Concen: 52.09 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

Tgt Ion: 65 Resp: 56377
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

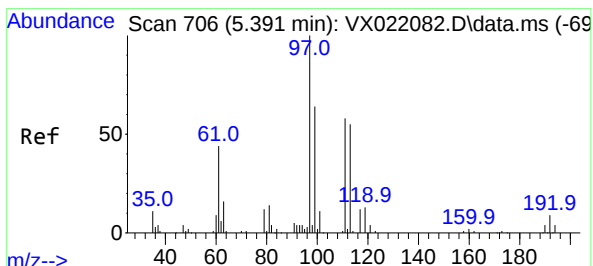
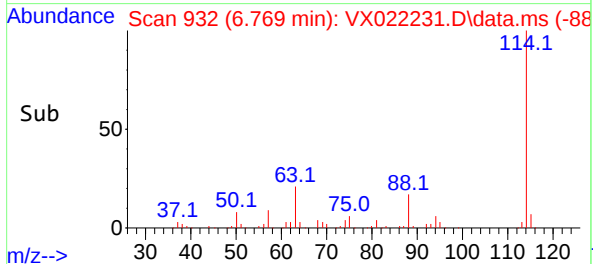
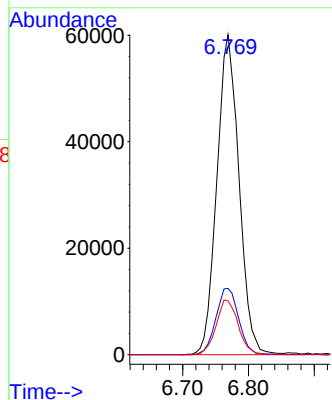
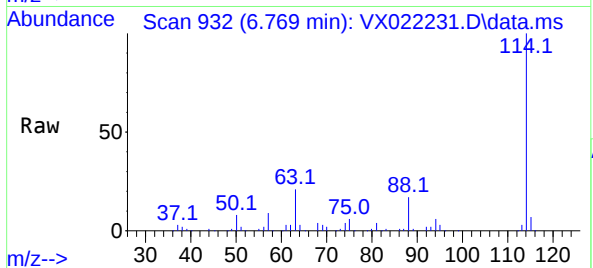




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

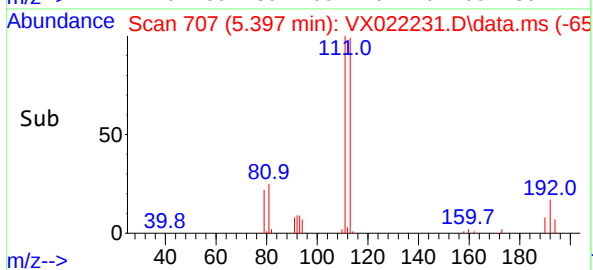
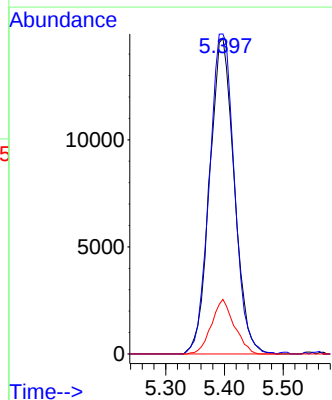
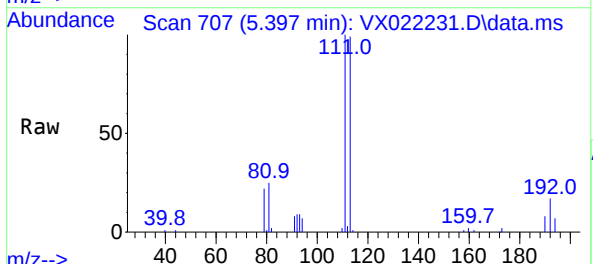
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2

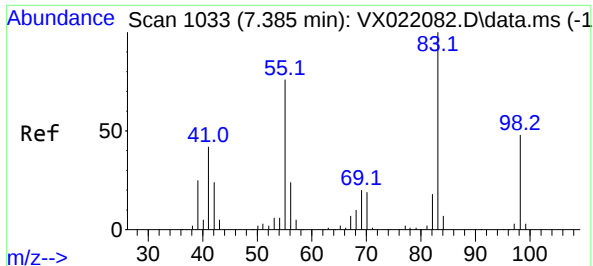
Tgt Ion:114 Resp: 140759
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.95 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

Tgt Ion:113 Resp: 42801
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 16.0 16.7 25.1#





#39

Methylcyclohexane

Concen: 6.58 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX022231.D

Acq: 27 May 2021 14:43

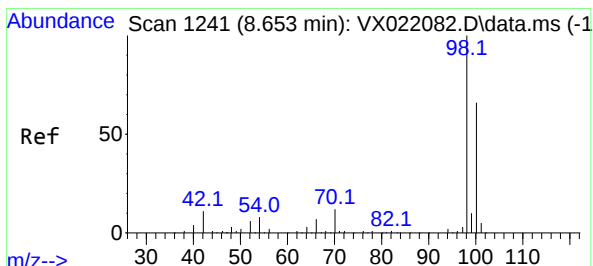
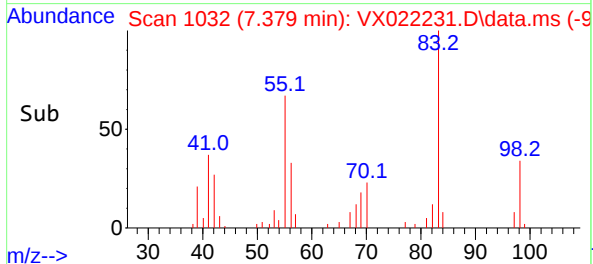
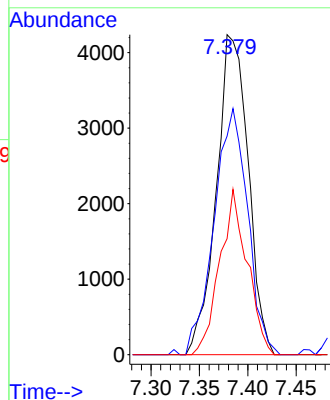
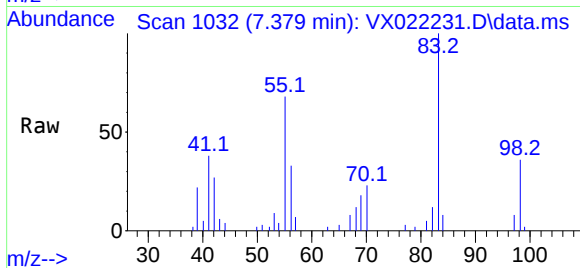
Tgt Ion: 83 Resp: 9713

Ion Ratio Lower Upper

83 100

55 68.3 58.9 88.3

98 36.3 38.1 57.1#



#50

Toluene-d8

Concen: 50.88 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022231.D

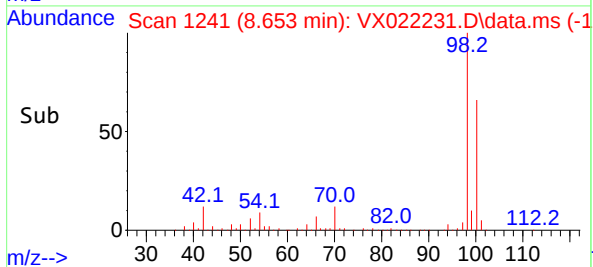
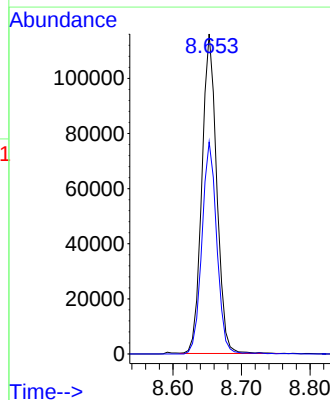
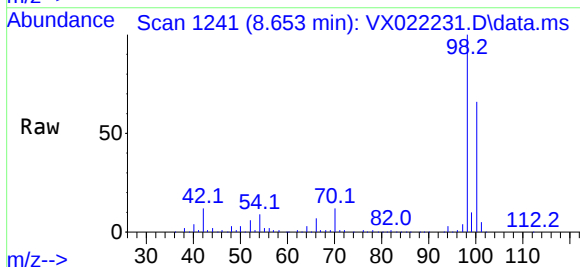
Acq: 27 May 2021 14:43

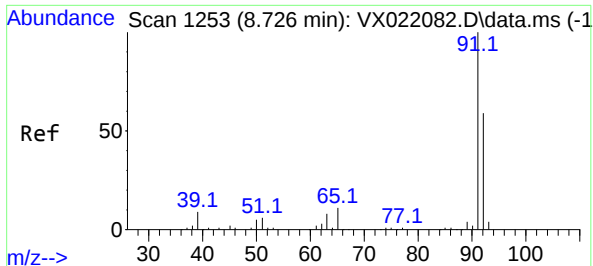
Tgt Ion: 98 Resp: 174967

Ion Ratio Lower Upper

98 100

100 66.4 51.9 77.9

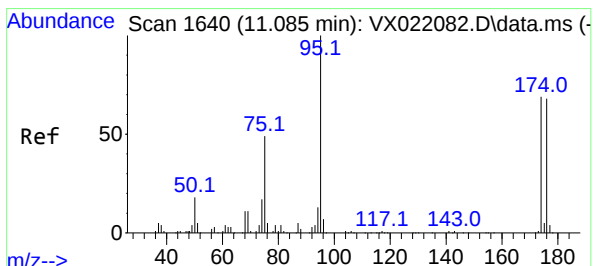
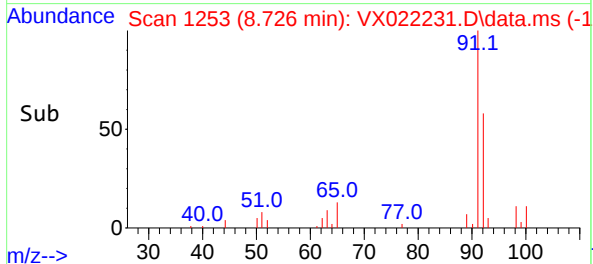
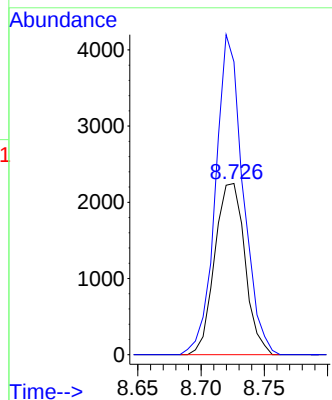
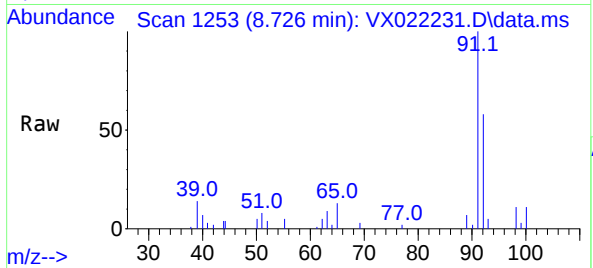




#52
Toluene
Concen: 1.47 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

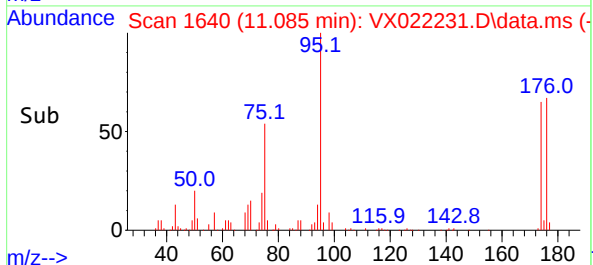
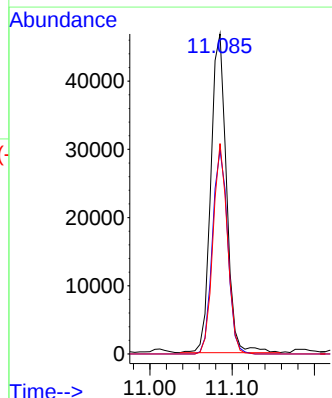
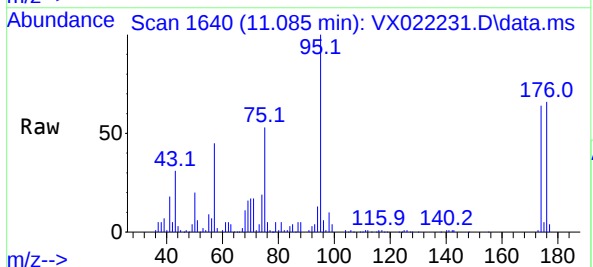
Instrument :
MSVOA_X
ClientSampleID :
GHOST-2

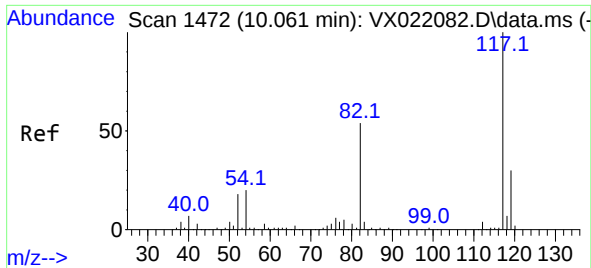
Tgt Ion: 92 Resp: 3730
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 48.61 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

Tgt Ion: 95 Resp: 61778
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 60.8 0.0 155.8

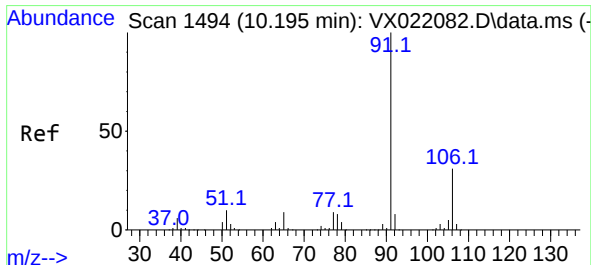
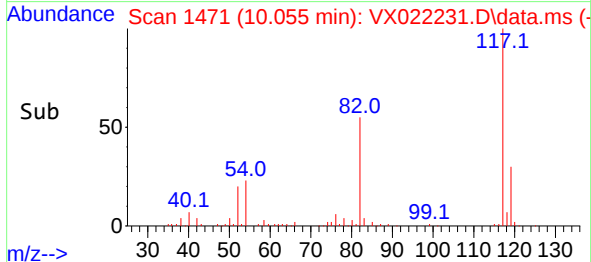
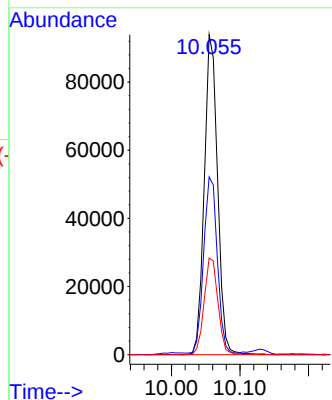
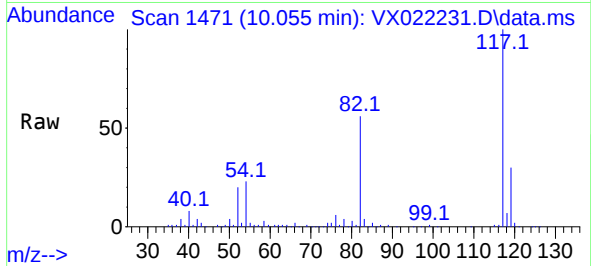




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

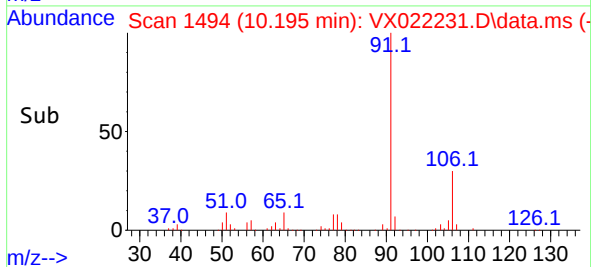
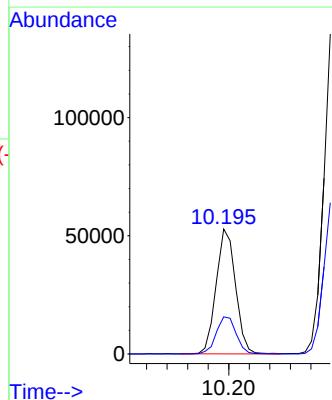
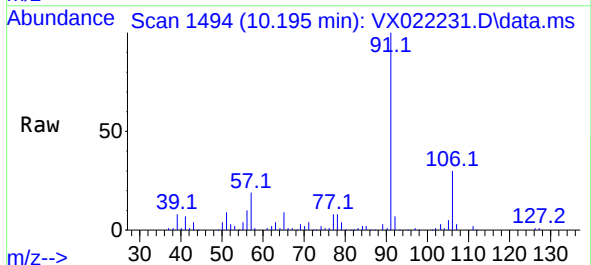
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2

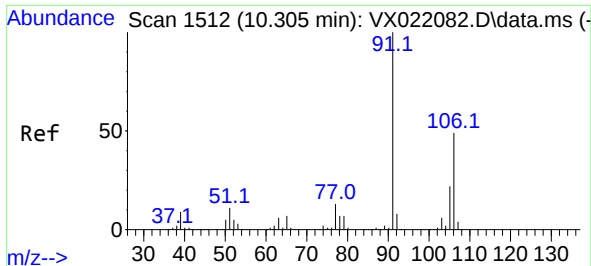
Tgt Ion:117 Resp: 127029
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 30.2 26.6 39.8



#67
Ethyl Benzene
Concen: 14.19 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

Tgt Ion: 91 Resp: 69013
Ion Ratio Lower Upper
91 100
106 29.7 24.6 37.0

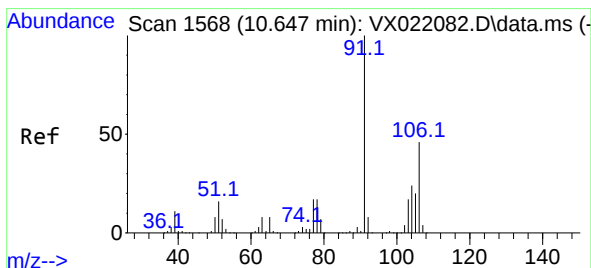
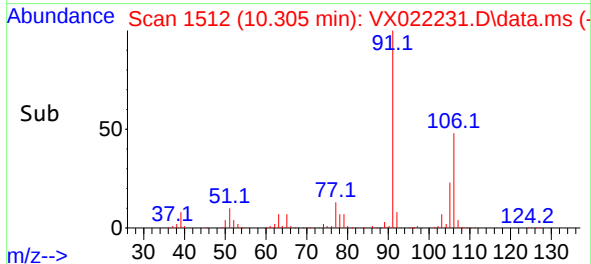
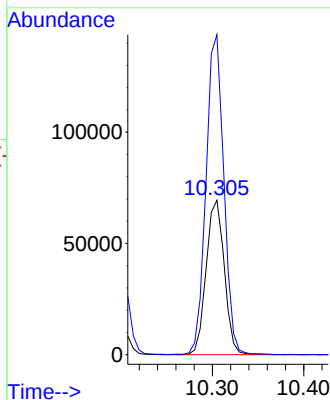
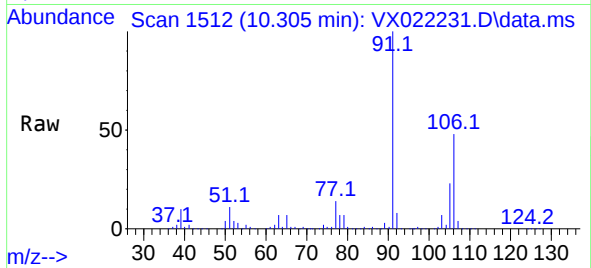




#68
m/p-Xylenes
Concen: 51.86 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

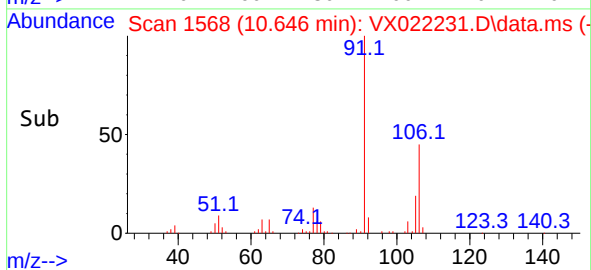
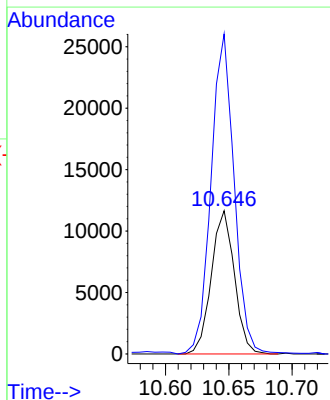
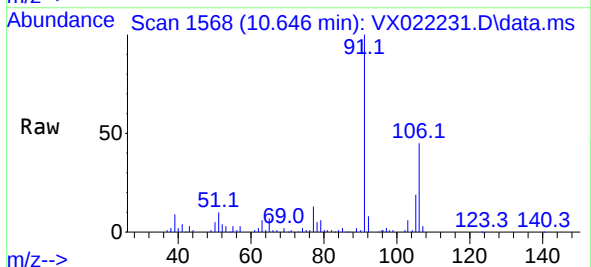
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2

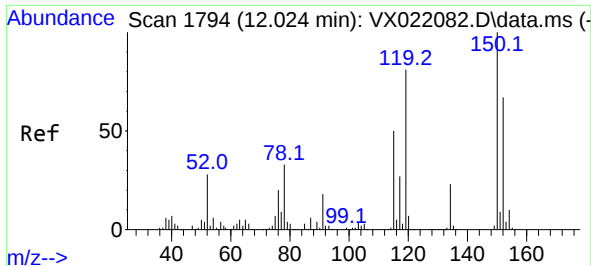
Tgt Ion:106 Resp: 95340
Ion Ratio Lower Upper
106 100
91 203.9 162.8 244.2



#69
o-Xylene
Concen: 8.26 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

Tgt Ion:106 Resp: 14768
Ion Ratio Lower Upper
106 100
91 223.7 108.1 324.2

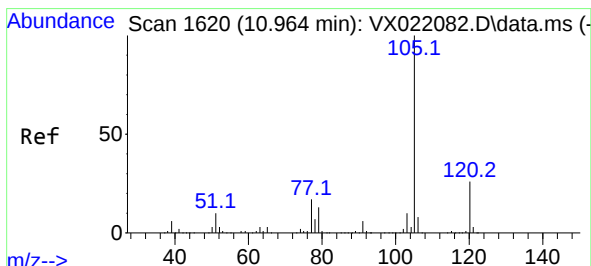
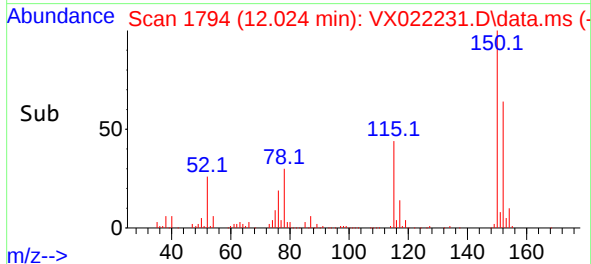
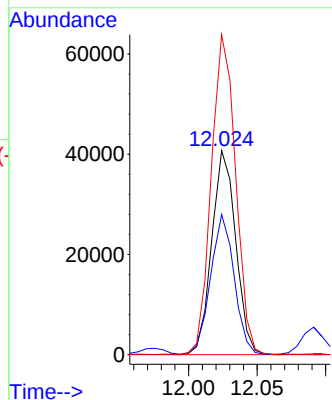
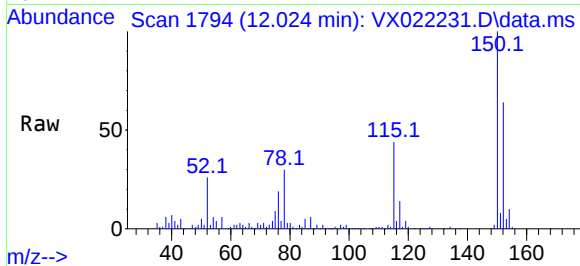




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

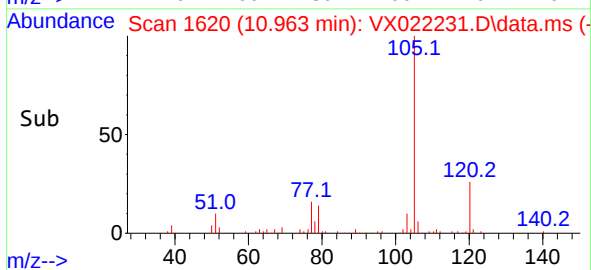
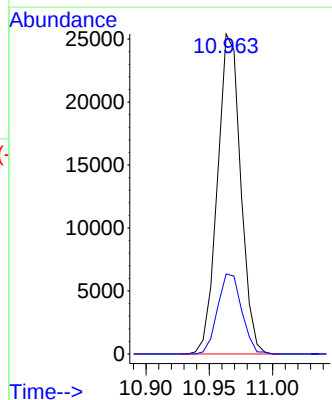
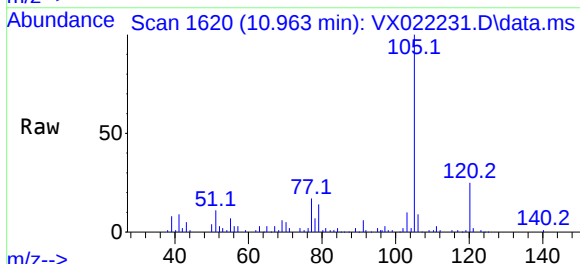
Instrument :
MSVOA_X
ClientSampled :
GHOST-2

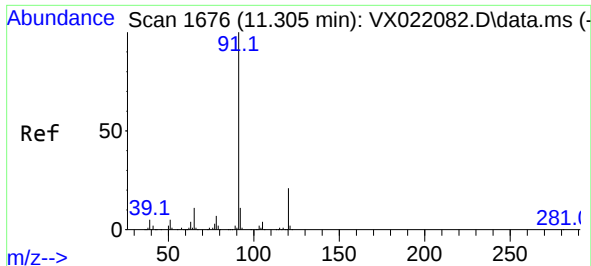
Tgt Ion:152 Resp: 49654
Ion Ratio Lower Upper
152 100
115 67.5 41.1 123.3
150 158.8 0.0 349.0



#73
Isopropylbenzene
Concen: 7.70 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

Tgt Ion:105 Resp: 32364
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6

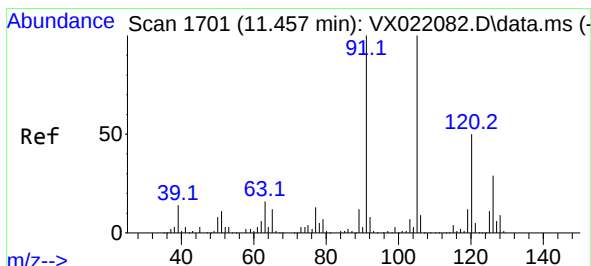
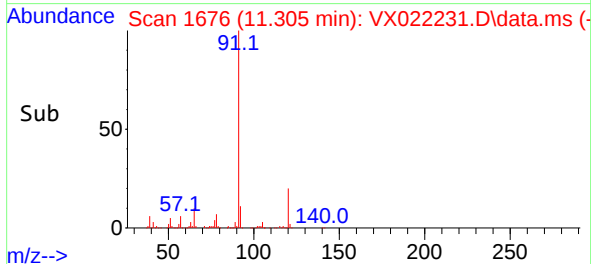
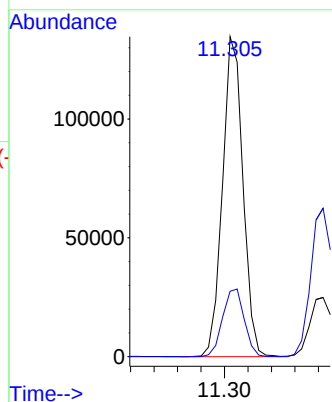
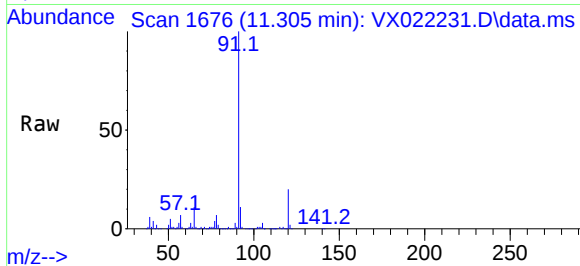




#78
n-propylbenzene
Concen: 33.06 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

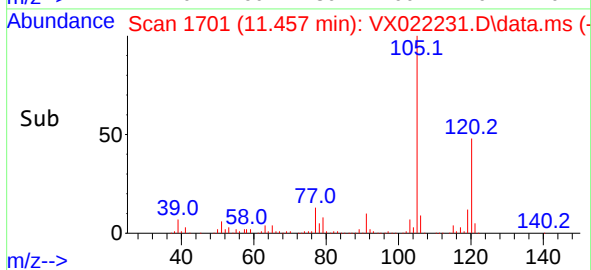
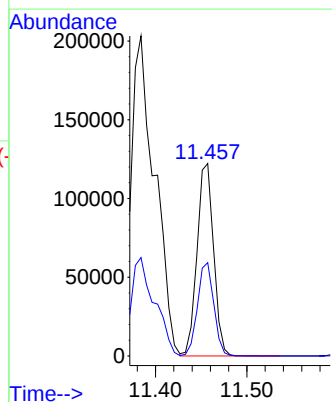
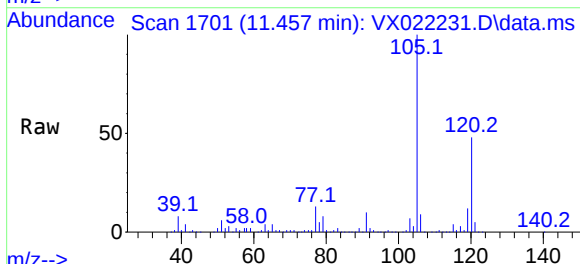
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2

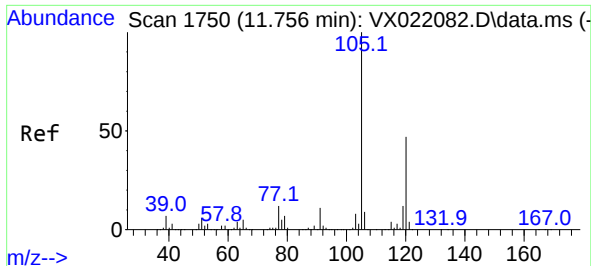
Tgt Ion: 91 Resp: 162714
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 44.26 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

Tgt Ion: 105 Resp: 154170
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5

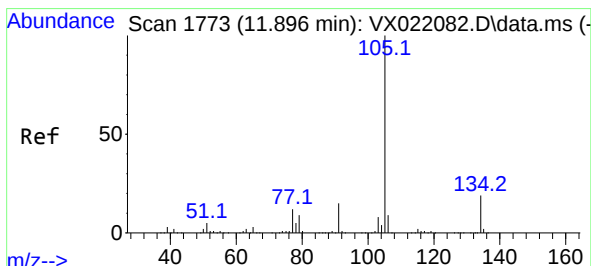
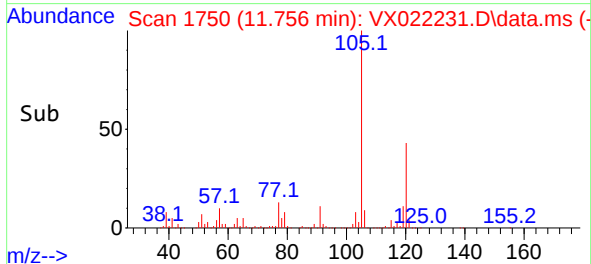
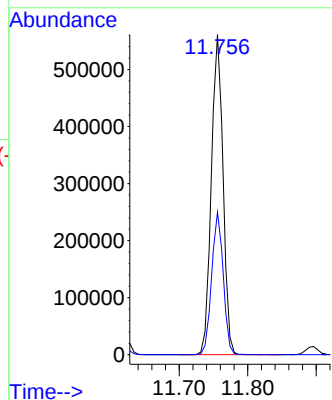
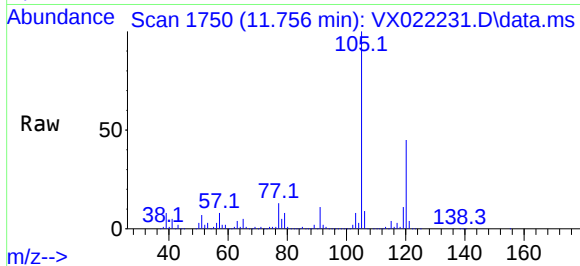




#84
1,2,4-Trimethylbenzene
Concen: 189.91 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

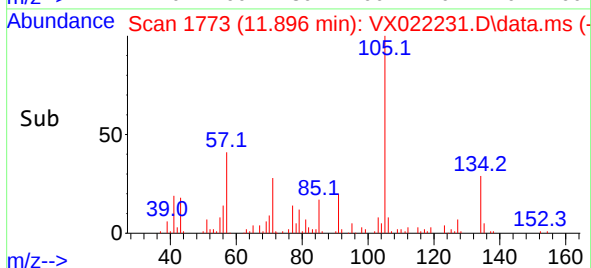
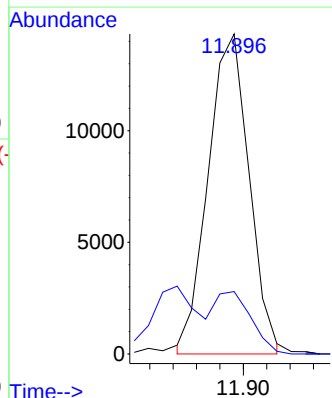
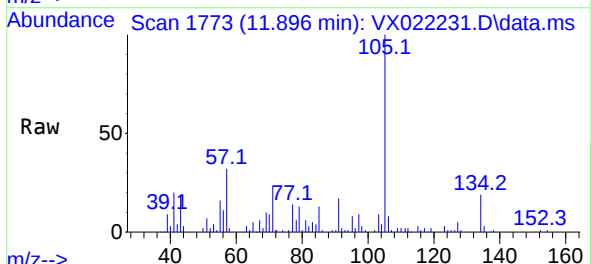
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2

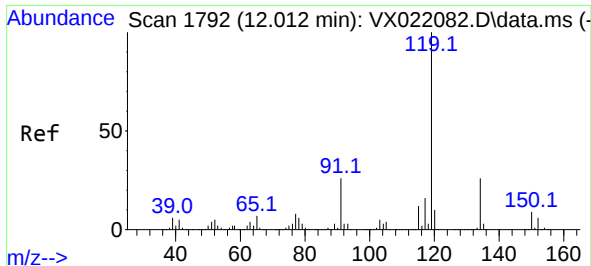
Tgt Ion:105 Resp: 665821
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.3



#85
sec-Butylbenzene
Concen: 4.11 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

Tgt Ion:105 Resp: 17426
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

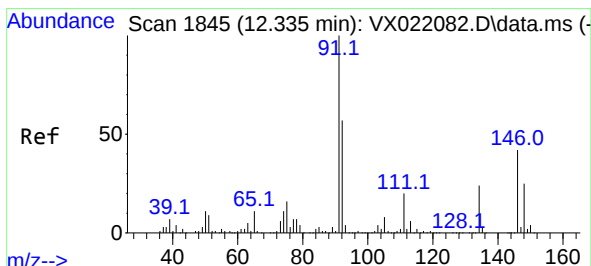
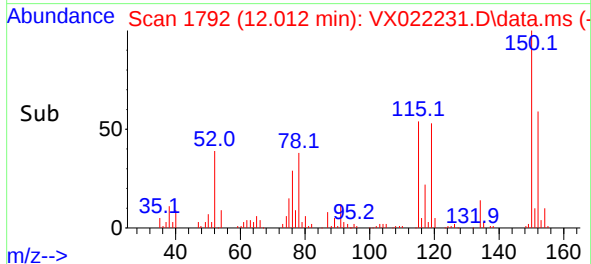
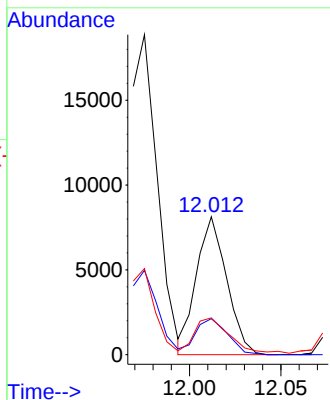
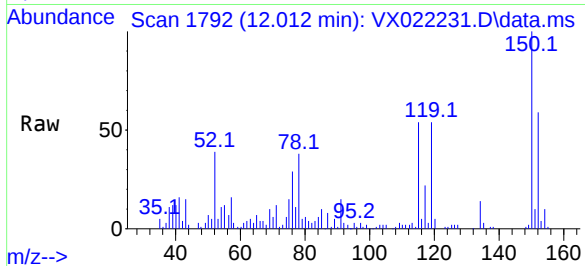




#86
p-Isopropyltoluene
Concen: 2.62 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

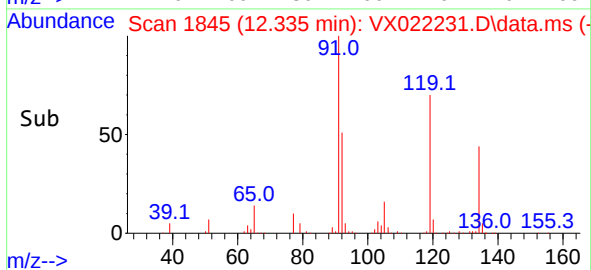
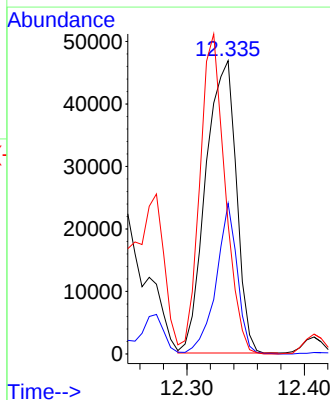
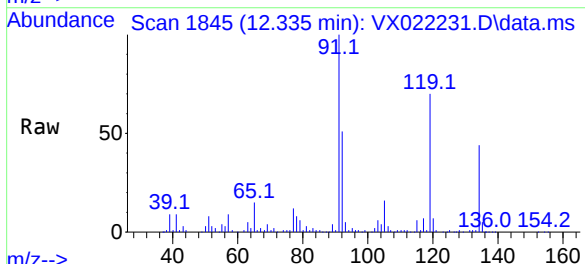
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2

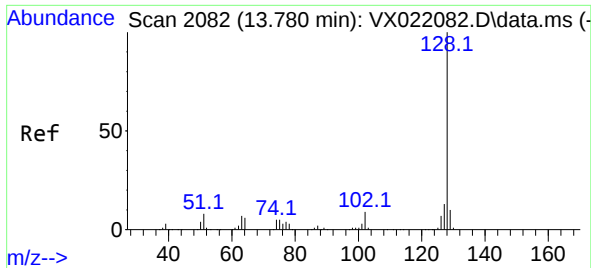
Tgt Ion:119 Resp: 9377
Ion Ratio Lower Upper
119 100
134 27.7 12.9 38.7
91 29.4 11.7 35.0



#89
n-Butylbenzene
Concen: 25.48 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

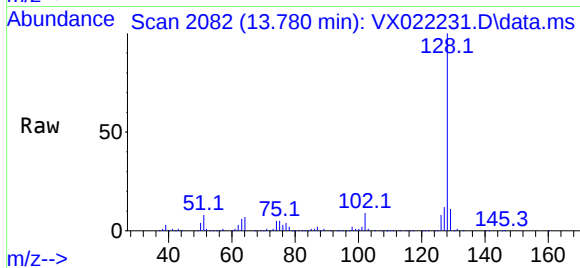
Tgt Ion: 91 Resp: 84492
Ion Ratio Lower Upper
91 100
92 35.8 27.4 82.0
134 90.4 13.2 39.5#





#95
Naphthalene
Concen: 32.61 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022231.D
Acq: 27 May 2021 14:43

Instrument :
MSVOA_X
ClientSampleId :
GHOST-2



Tgt Ion:128 Resp: 126654

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.8	8.8	13.2

