

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022229.D
 Acq On : 27 May 2021 13:56
 Operator : JC/MD
 Sample : M2535-02 20X
 Misc : 5.54g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GHOST-2D

Quant Time: May 27 14:45:26 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)

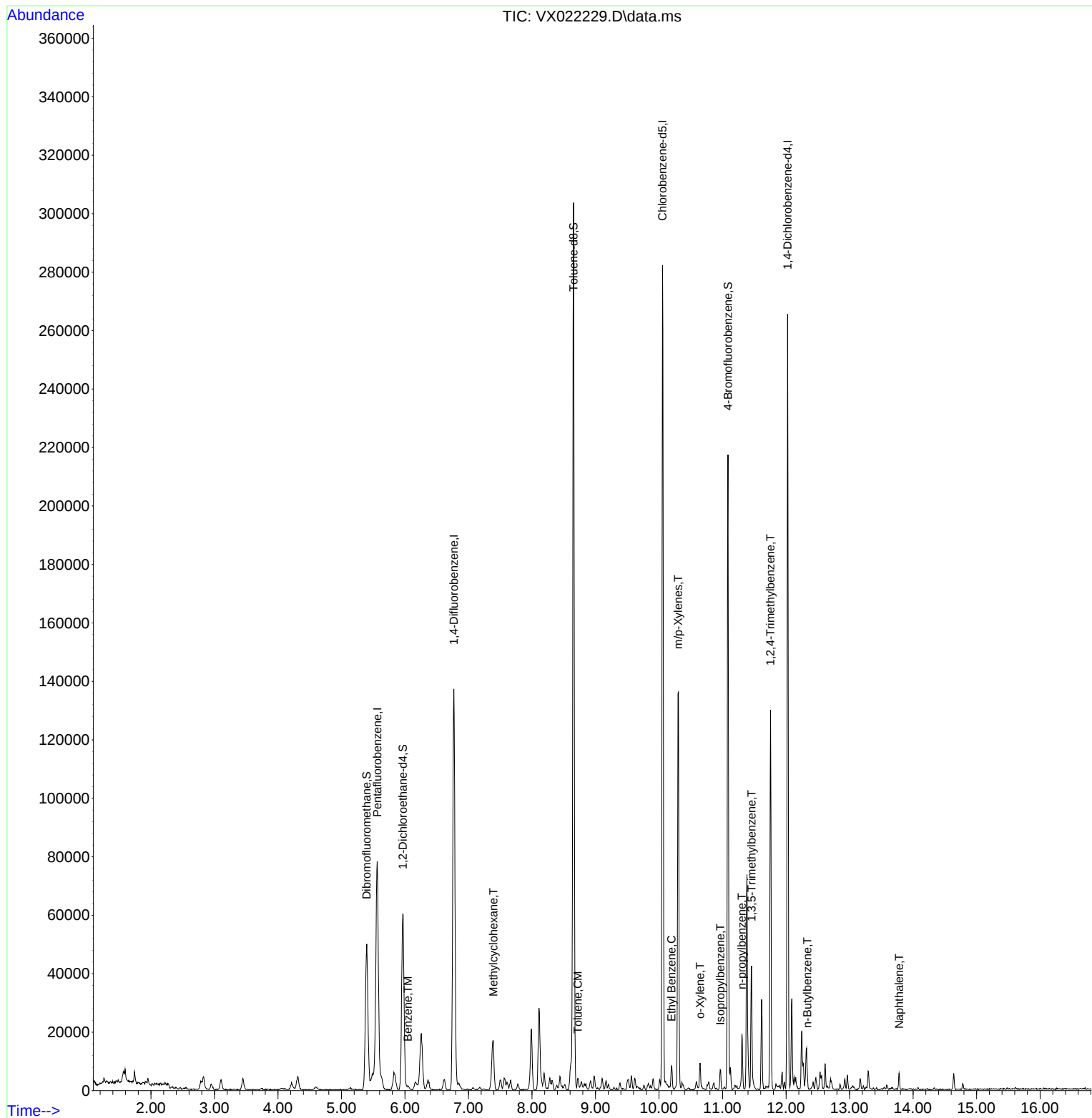
Internal Standards						
1) Pentafluorobenzene	5.562	168	66895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	140682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55824	54.10	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.20%			
35) Dibromofluoromethane	5.397	113	42319	47.44	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.88%			
50) Toluene-d8	8.653	98	172079	50.07	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.14%			
62) 4-Bromofluorobenzene	11.085	95	59648	46.96	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.92%			
Target Compounds						Qvalue
39) Methylcyclohexane	7.391	83	7714	5.23	ug/l	97
40) Benzene	6.044	78	1613	0.40	ug/l	95
52) Toluene	8.720	92	1720	0.68	ug/l	91
67) Ethyl Benzene	10.195	91	4205	0.91	ug/l	91
68) m/p-Xylenes	10.299	106	32425	18.65	ug/l	98
69) o-Xylene	10.646	106	1852	1.10	ug/l	98
73) Isopropylbenzene	10.963	105	3711	0.94	ug/l	98
78) n-propylbenzene	11.305	91	11673	2.53	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	18273	5.59	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	54213	16.48	ug/l	98
89) n-Butylbenzene	12.335	91	2569	0.83	ug/l #	47
95) Naphthalene	13.780	128	3689	1.01	ug/l	98

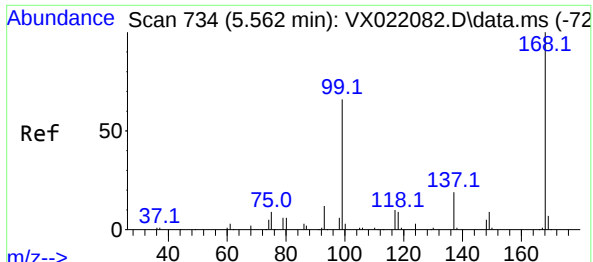
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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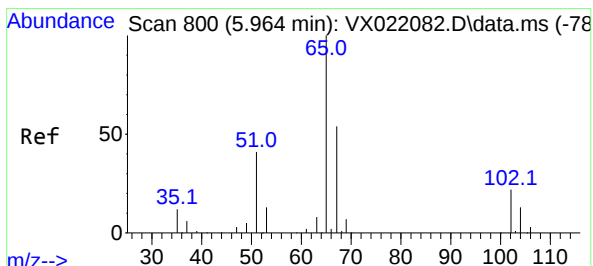
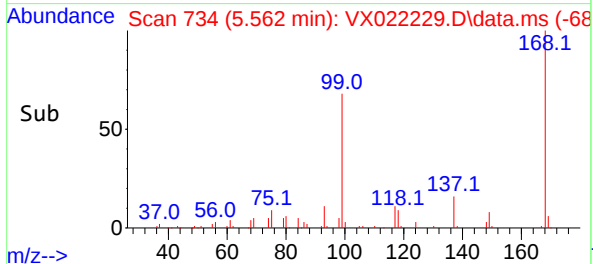
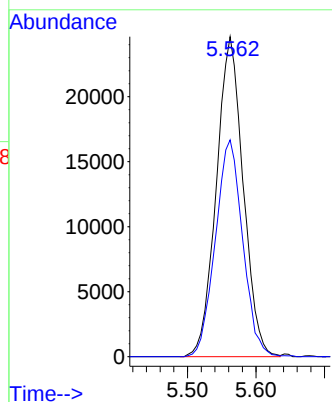
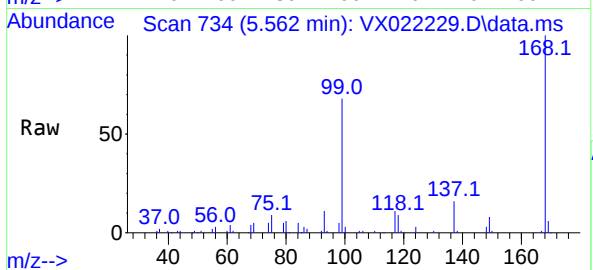




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

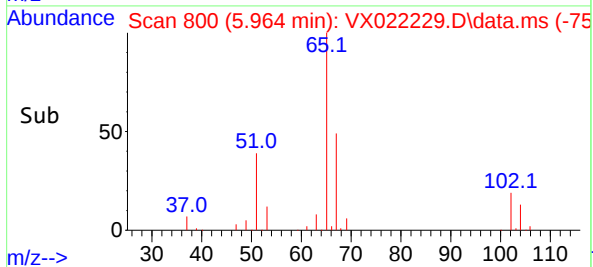
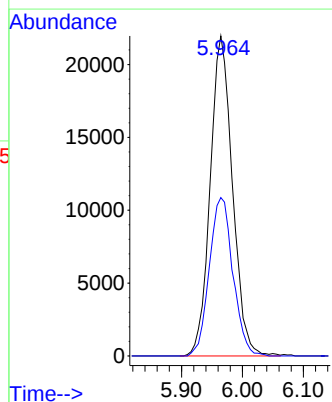
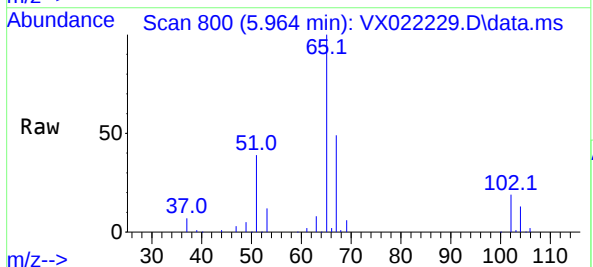
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2D

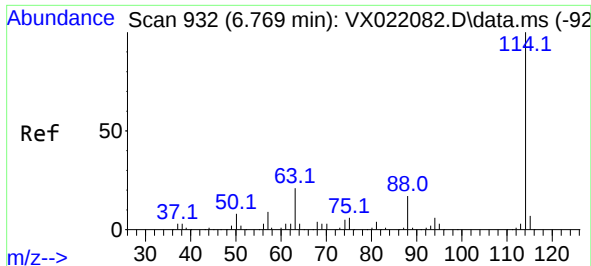
Tgt Ion:168 Resp: 66895
Ion Ratio Lower Upper
168 100
99 67.8 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 54.10 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

Tgt Ion: 65 Resp: 55824
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

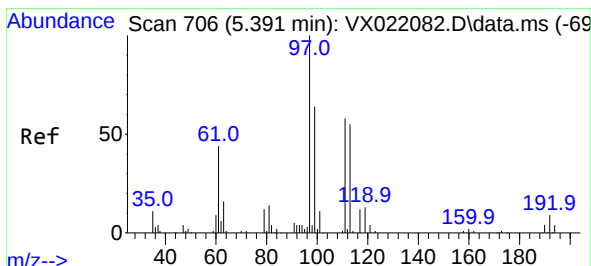
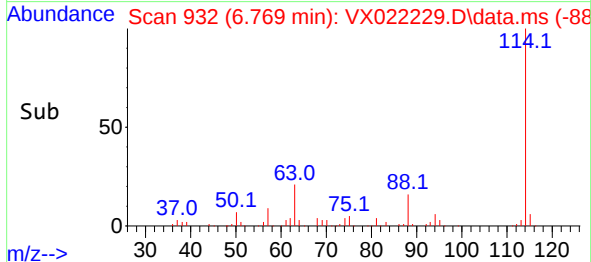
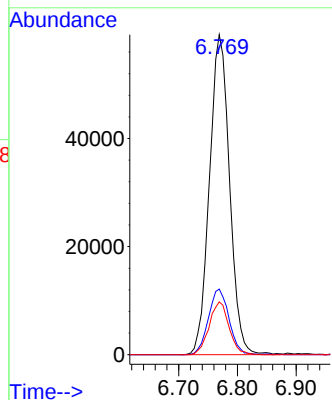
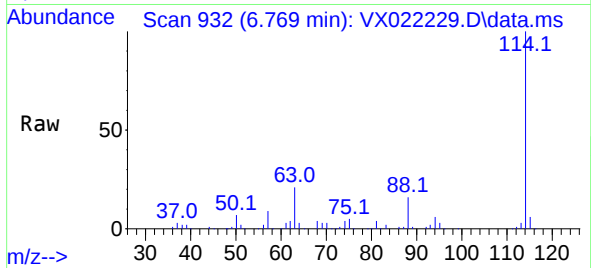




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

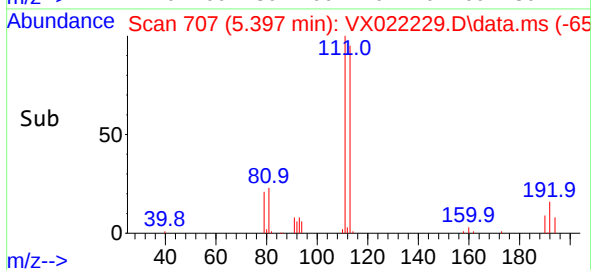
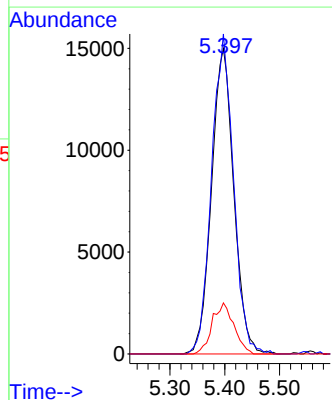
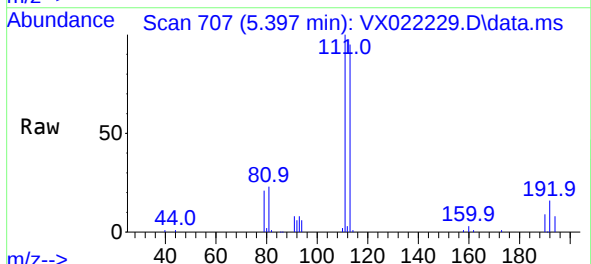
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2D

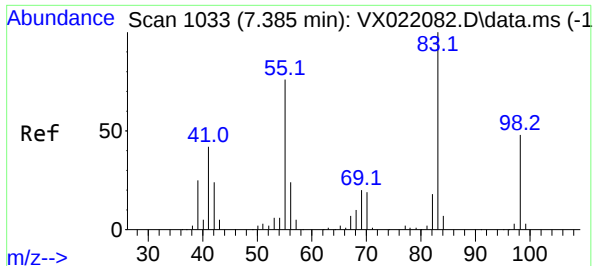
Tgt Ion:114 Resp: 140682
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.44 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

Tgt Ion:113 Resp: 42319
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 16.2 16.7 25.1#





#39

Methylcyclohexane

Concen: 5.23 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX022229.D

Acq: 27 May 2021 13:56

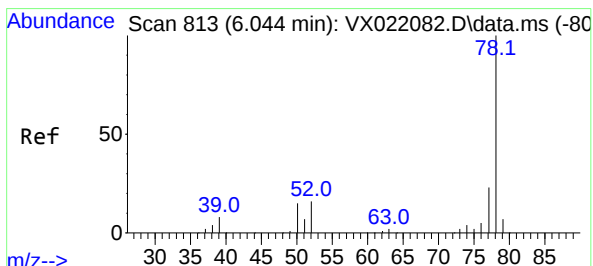
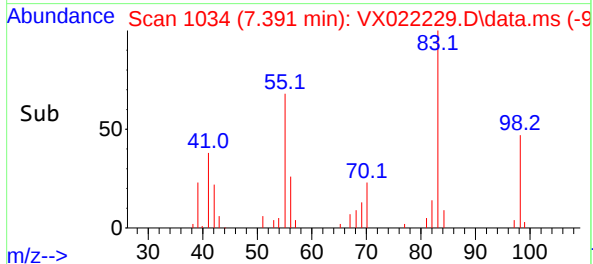
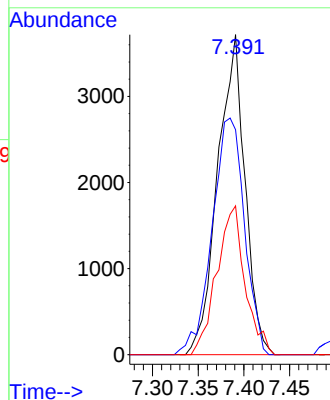
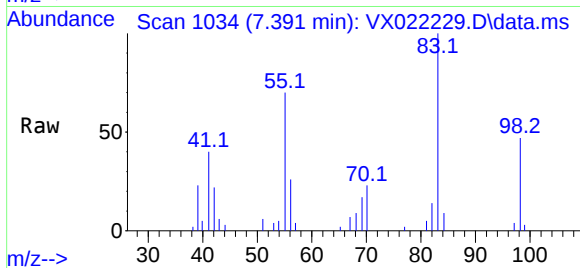
Tgt Ion: 83 Resp: 7714

Ion Ratio Lower Upper

83 100

55 70.3 58.9 88.3

98 46.5 38.1 57.1



#40

Benzene

Concen: 0.40 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX022229.D

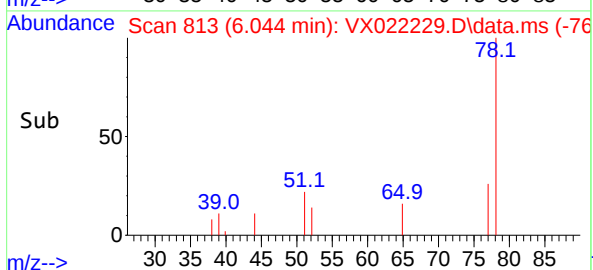
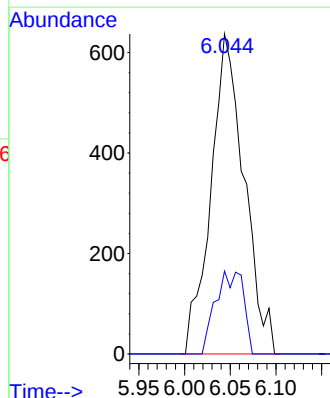
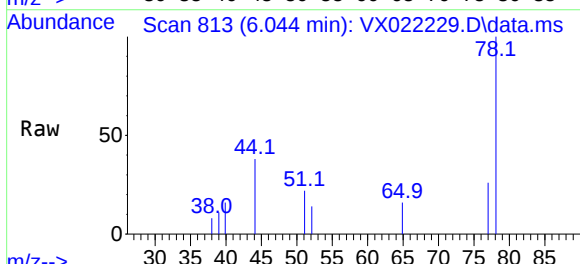
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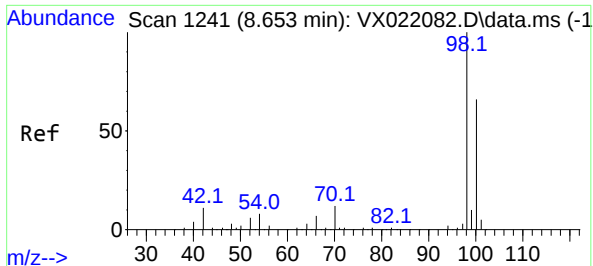
Tgt Ion: 78 Resp: 1613

Ion Ratio Lower Upper

78 100

77 25.9 18.9 28.3

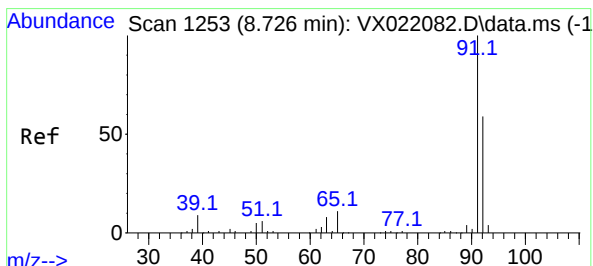
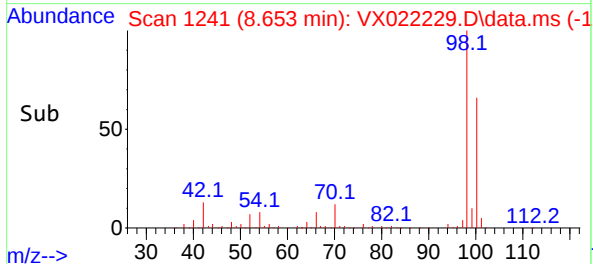
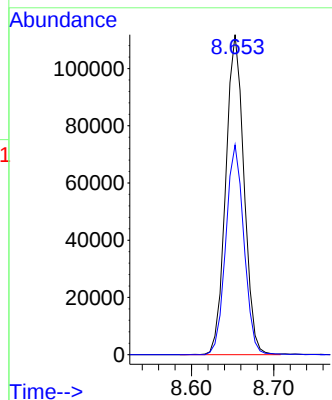
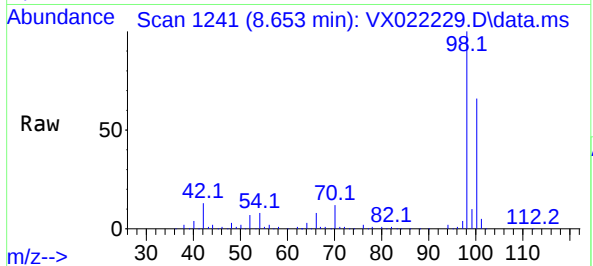




#50
Toluene-d8
Concen: 50.07 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

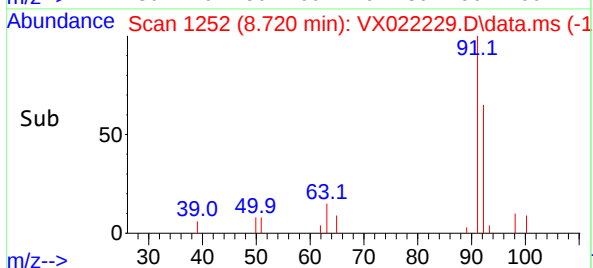
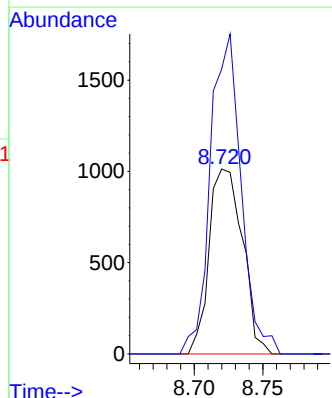
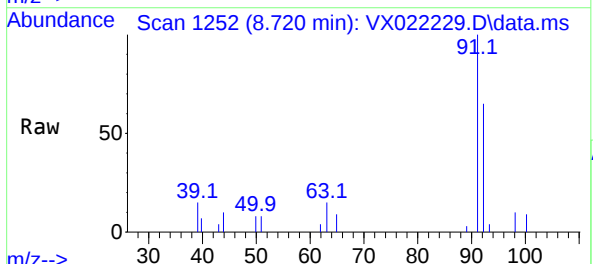
Instrument :
MSVOA_X
ClientSampleId :
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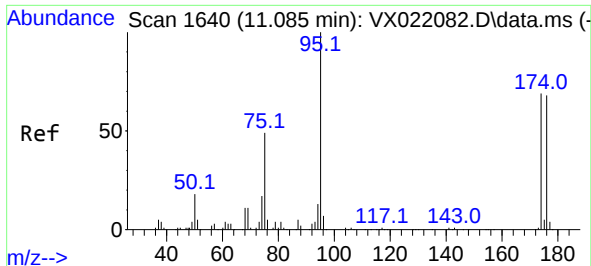
Tgt Ion: 98 Resp: 172079
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#52
Toluene
Concen: 0.68 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

Tgt Ion: 92 Resp: 1720
Ion Ratio Lower Upper
92 100
91 158.9 137.1 205.7

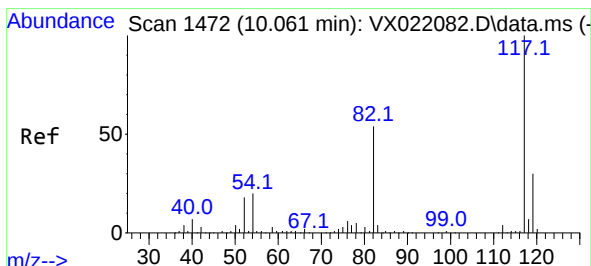
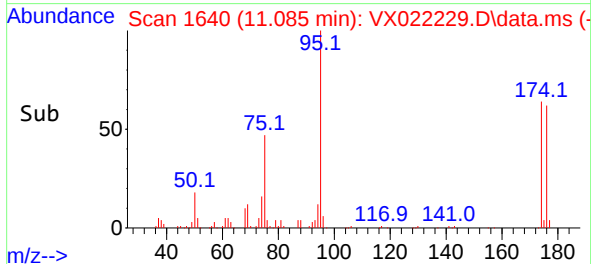
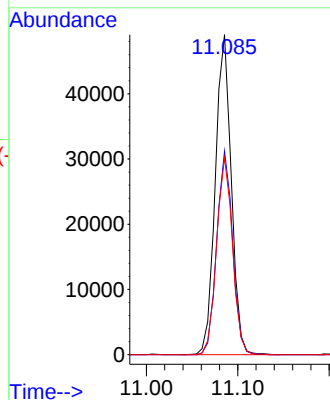
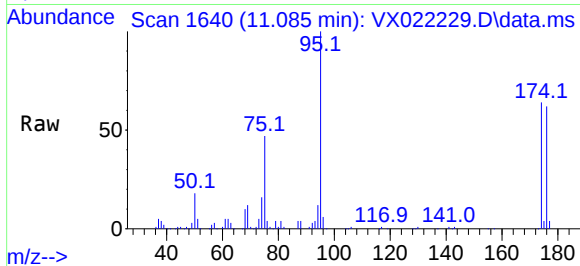




#62
4-Bromofluorobenzene
Concen: 46.96 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

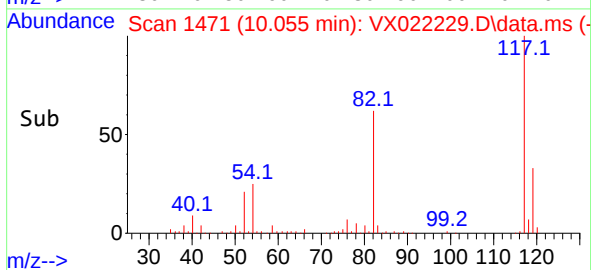
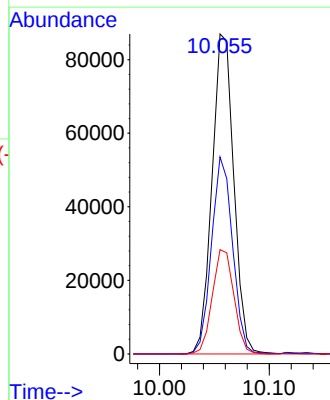
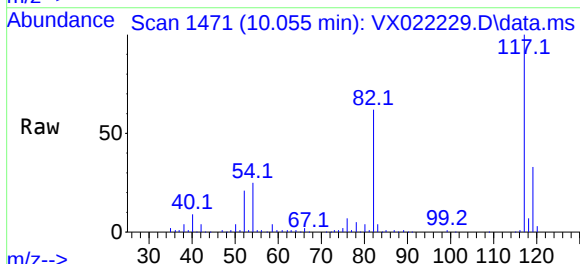
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2D

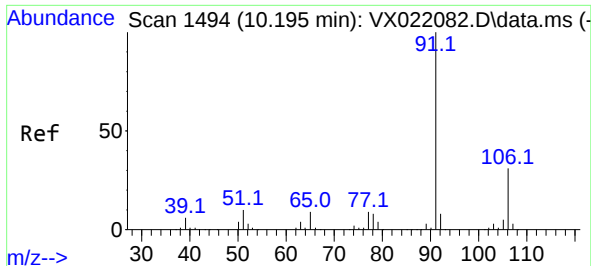
Tgt Ion: 95 Resp: 59648
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 61.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

Tgt Ion: 117 Resp: 120102
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.6 26.6 39.8

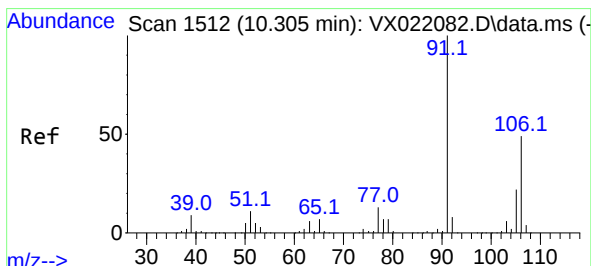
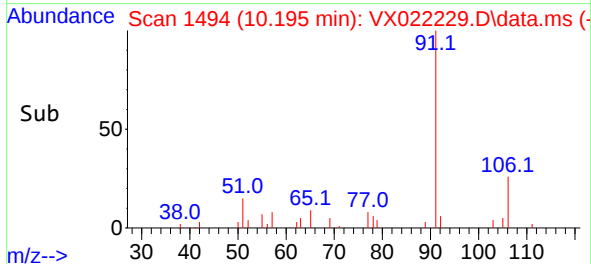
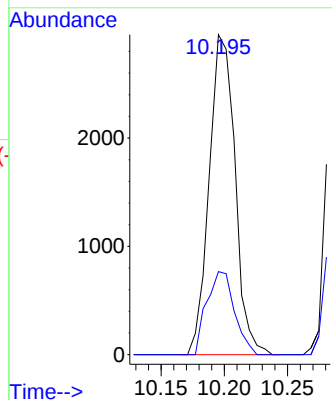
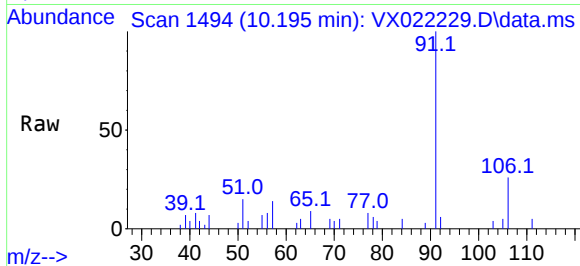




#67
Ethyl Benzene
Concen: 0.91 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

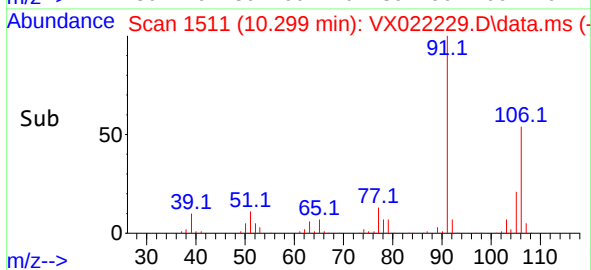
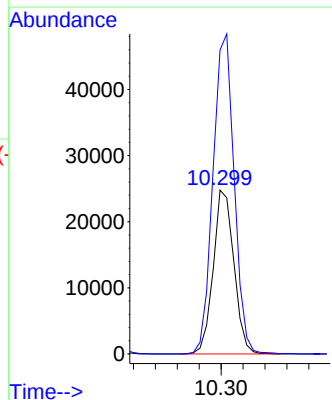
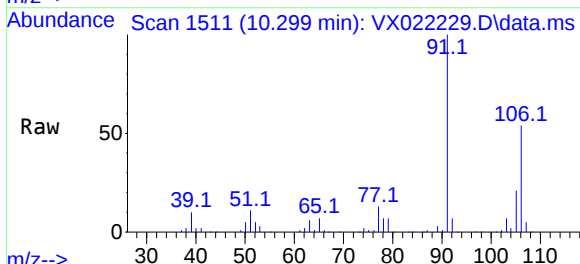
Instrument :
MSVOA_X
ClientSampled :
GHOST-2D

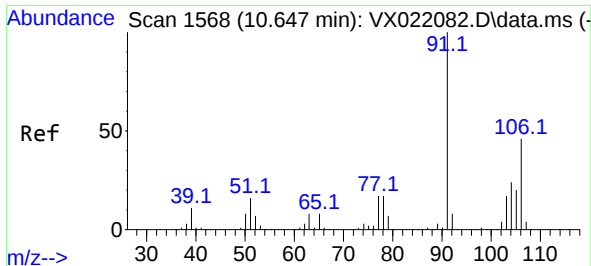
Tgt Ion: 91 Resp: 4205
Ion Ratio Lower Upper
91 100
106 26.0 24.6 37.0



#68
m/p-Xylenes
Concen: 18.65 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

Tgt Ion:106 Resp: 32425
Ion Ratio Lower Upper
106 100
91 200.4 162.8 244.2

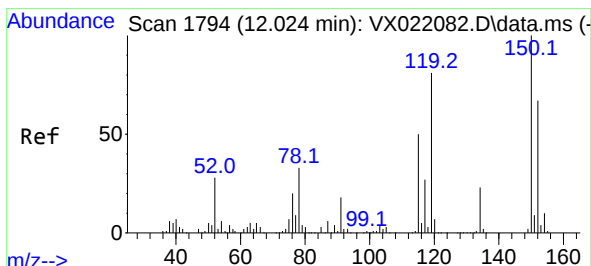
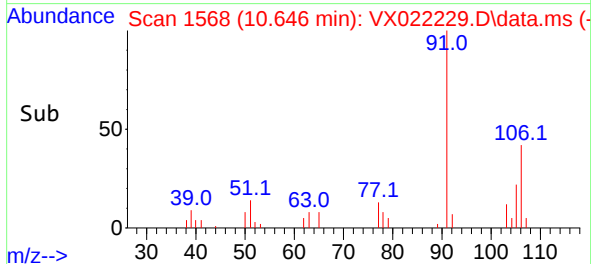
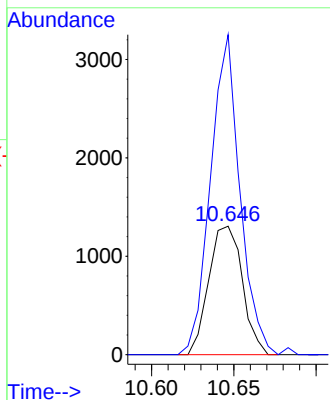
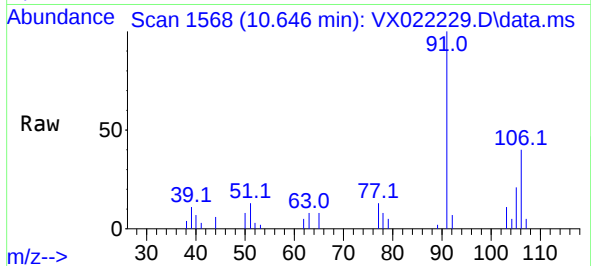




#69
o-Xylene
Concen: 1.10 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

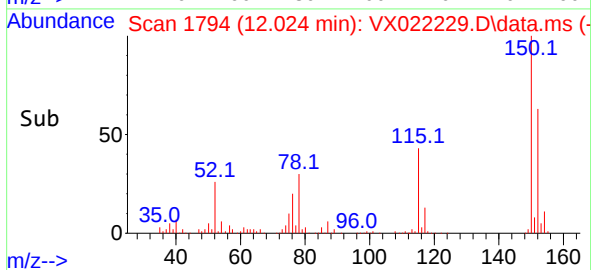
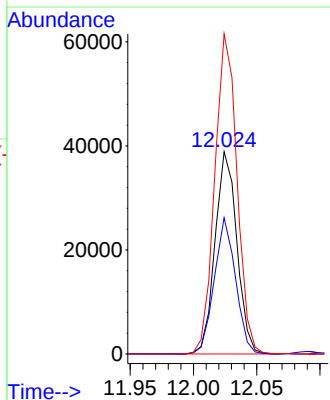
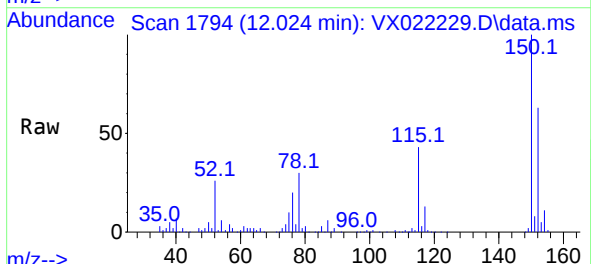
Instrument :
MSVOA_X
ClientSampled :
GHOST-2D

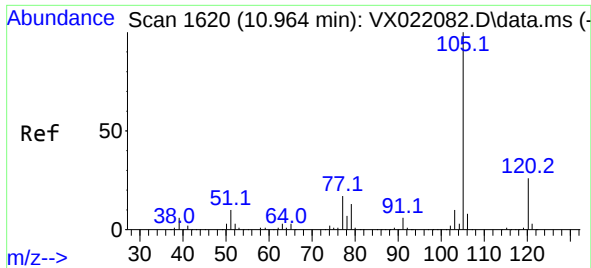
Tgt Ion:106 Resp: 1852
Ion Ratio Lower Upper
106 100
91 219.7 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

Tgt Ion:152 Resp: 46590
Ion Ratio Lower Upper
152 100
115 65.7 41.1 123.3
150 161.1 0.0 349.0

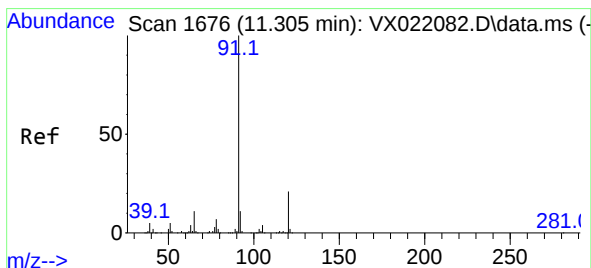
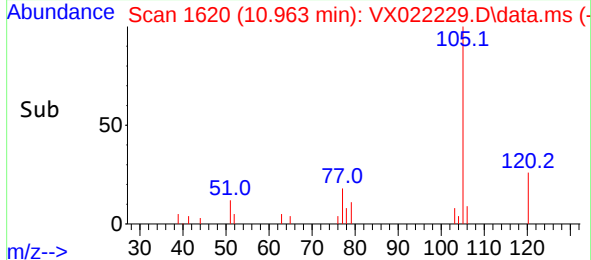
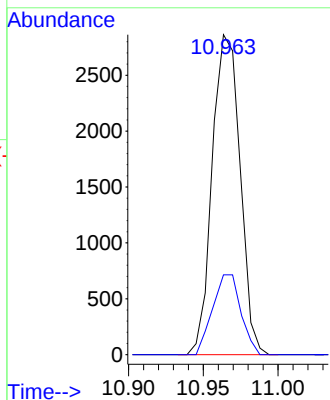
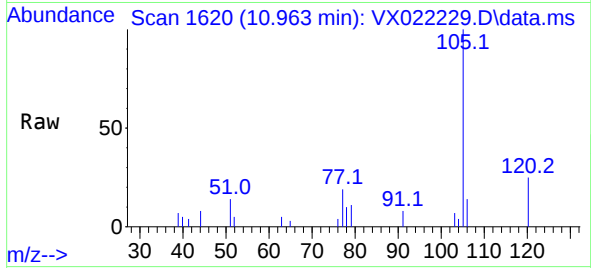




#73
Isopropylbenzene
Concen: 0.94 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

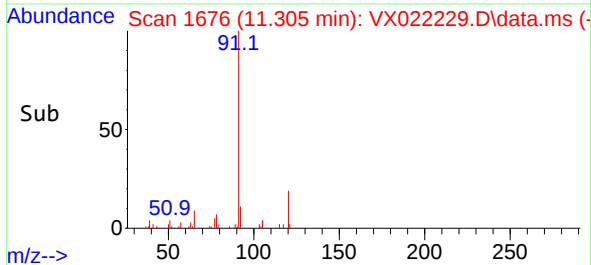
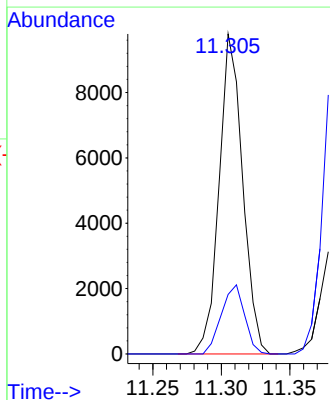
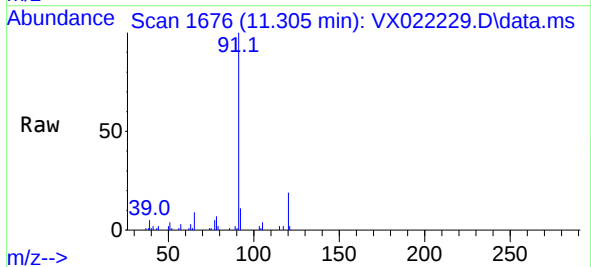
Instrument :
MSVOA_X
ClientSampled :
GHOST-2D

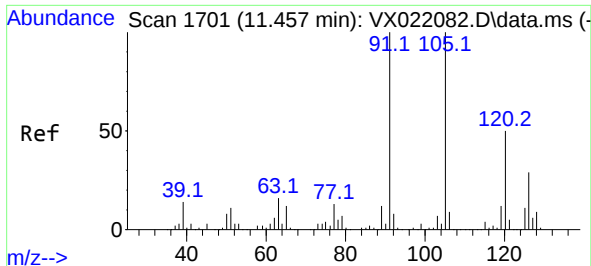
Tgt Ion:105 Resp: 3711
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.6



#78
n-propylbenzene
Concen: 2.53 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

Tgt Ion: 91 Resp: 11673
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.5

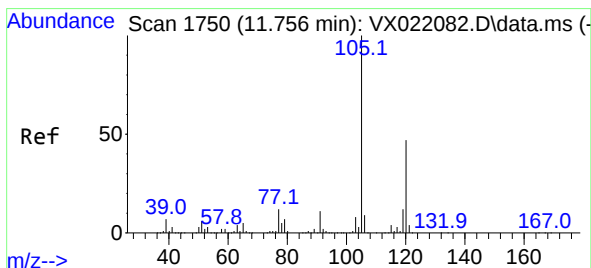
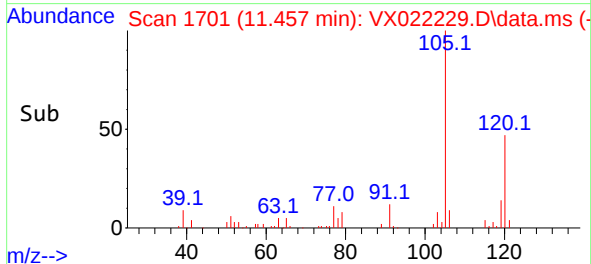
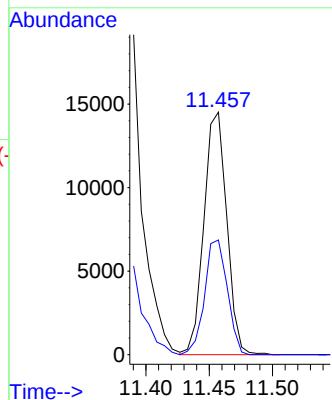
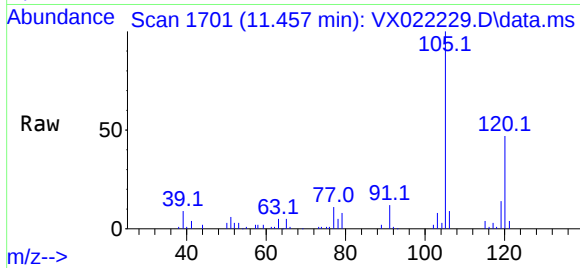




#80
1,3,5-Trimethylbenzene
Concen: 5.59 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

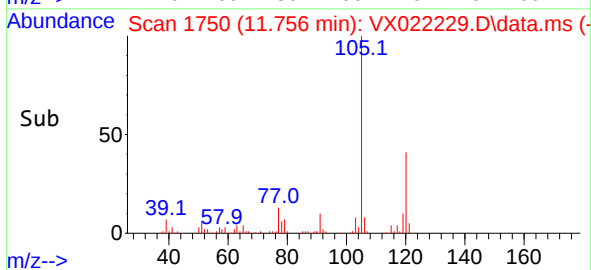
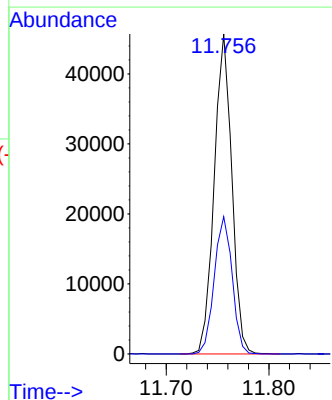
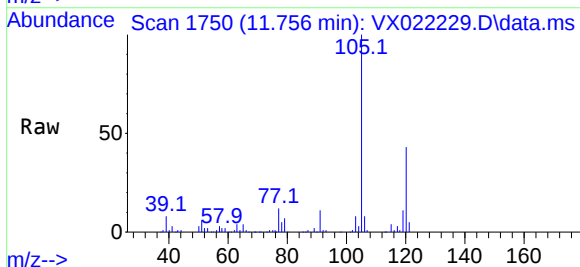
Instrument :
MSVOA_X
ClientSampleId :
GHOST-2D

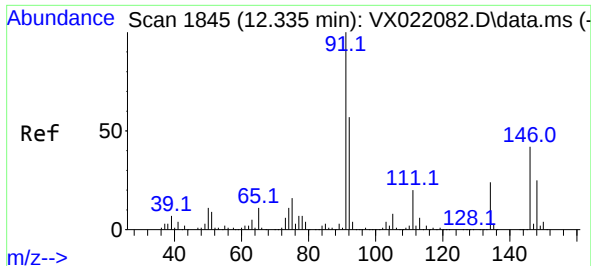
Tgt Ion:105 Resp: 18273
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 16.48 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

Tgt Ion:105 Resp: 54213
Ion Ratio Lower Upper
105 100
120 43.6 22.4 67.3

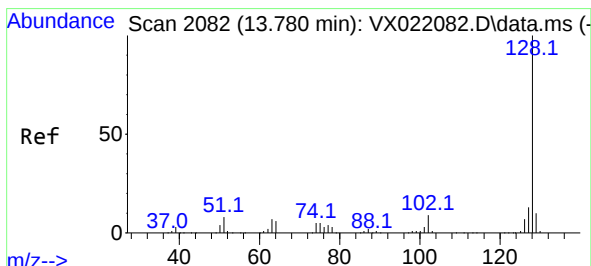
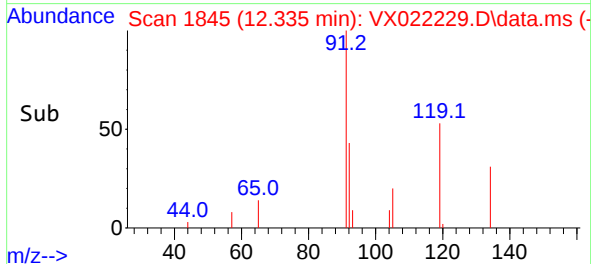
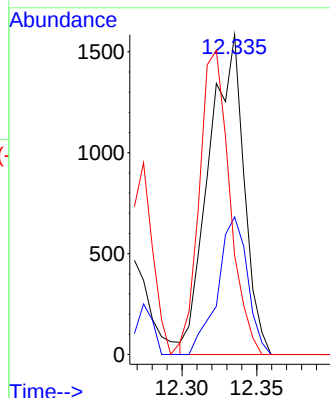
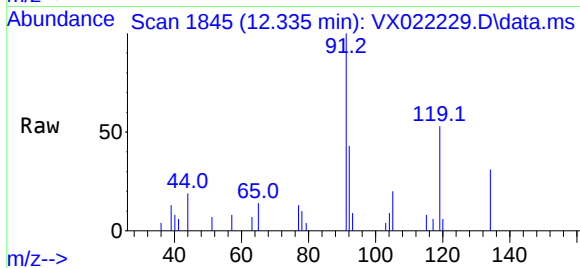




#89
n-Butylbenzene
Concen: 0.83 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

Instrument :
MSVOA_X
ClientSampled :
GHOST-2D

Tgt Ion: 91 Resp: 2569
Ion Ratio Lower Upper
91 100
92 36.8 27.4 82.0
134 82.9 13.2 39.5#



#95
Naphthalene
Concen: 1.01 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022229.D
Acq: 27 May 2021 13:56

Tgt Ion:128 Resp: 3689
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 9.9 8.8 13.2

