

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022235.D
 Acq On : 27 May 2021 16:17
 Operator : JC/MD
 Sample : M2535-03 20X
 Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GHOST-3D

Quant Time: May 27 17:11:55 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)

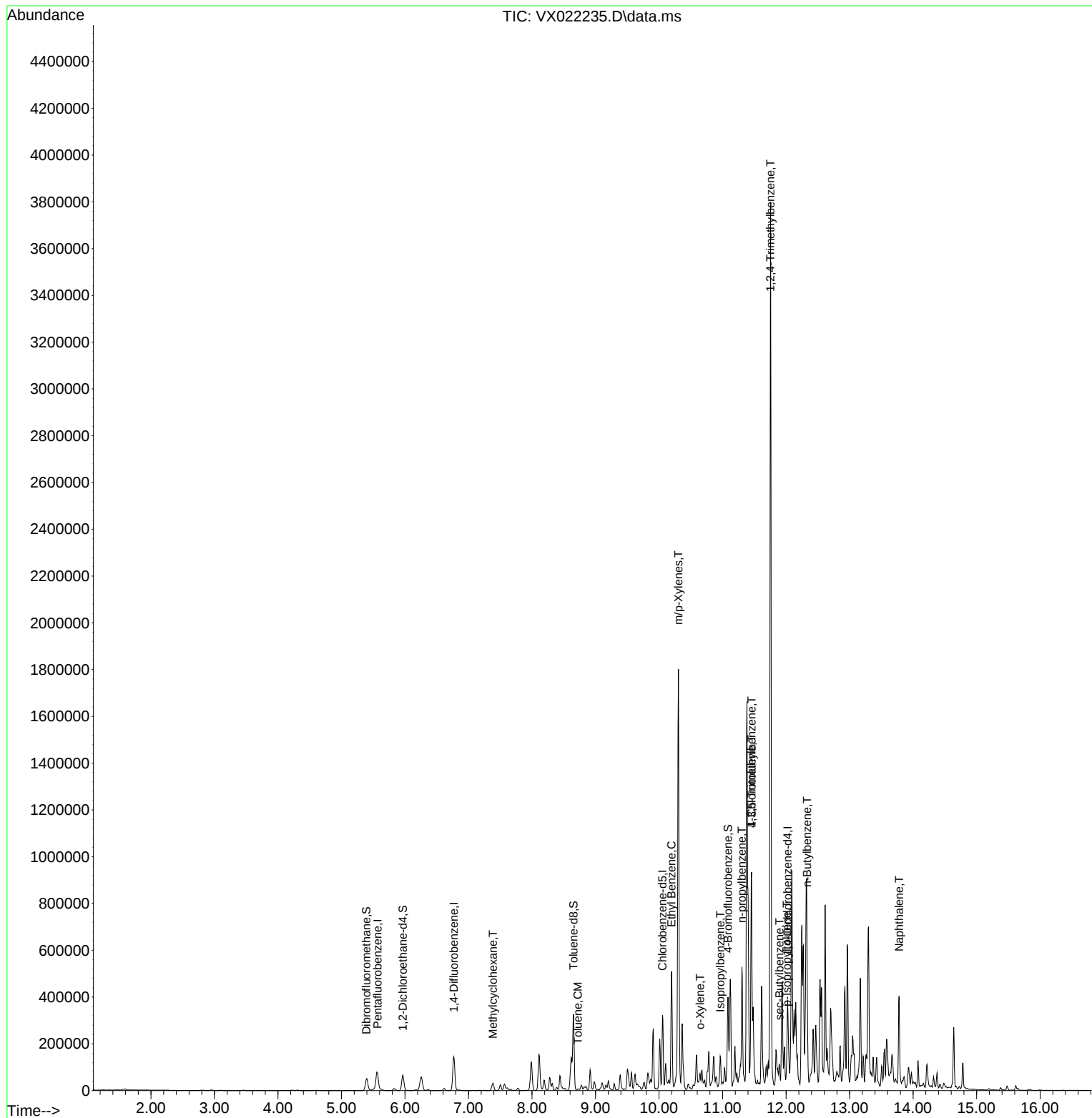
Internal Standards						
1) Pentafluorobenzene	5.568	168	69180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	147834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58561	54.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.76%			
35) Dibromofluoromethane	5.391	113	43308	46.20	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.40%			
50) Toluene-d8	8.653	98	181579	50.28	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.56%			
62) 4-Bromofluorobenzene	11.085	95	67447	50.53	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.06%			
Target Compounds					Qvalue	
39) Methylcyclohexane	7.385	83	13701	8.84	ug/l	93
52) Toluene	8.720	92	2212	0.83	ug/l	97
67) Ethyl Benzene	10.195	91	250216	48.63	ug/l	100
68) m/p-Xylenes	10.305	106	395534	203.39	ug/l	99
69) o-Xylene	10.646	106	12019	6.35	ug/l	96
73) Isopropylbenzene	10.963	105	61417	12.58	ug/l	98
78) n-propylbenzene	11.305	91	293326	51.29	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	390116	96.40	ug/l	99
82) 4-Chlorotoluene	11.457	91	42869	10.73	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.756	105	1430725	351.22	ug/l	99
85) sec-Butylbenzene	11.896	105	29391m	5.96	ug/l	
86) p-Isopropyltoluene	12.012	119	17592	4.22	ug/l	93
89) n-Butylbenzene	12.329	91	141170	36.63	ug/l #	37
95) Naphthalene	13.780	128	225629	50.01	ug/l	99

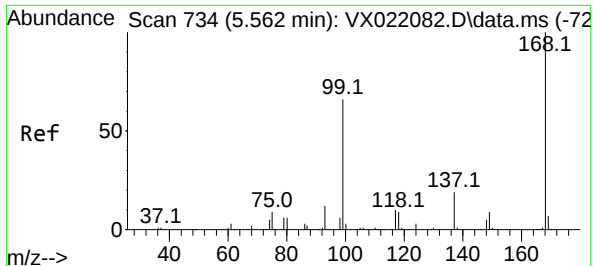
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: May 27 17:11:55 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

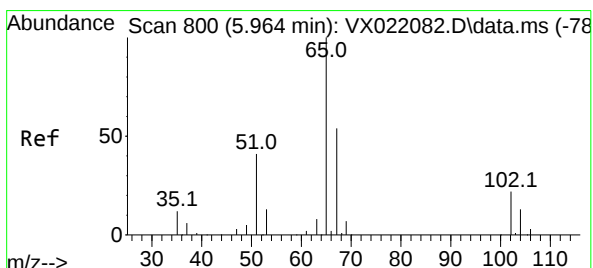
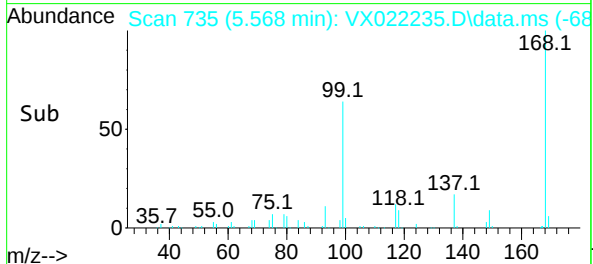
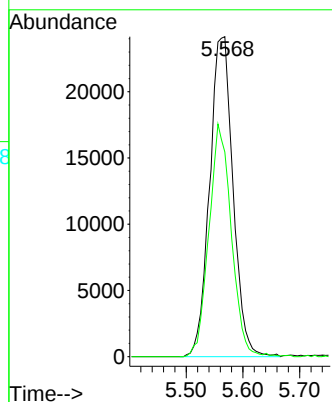
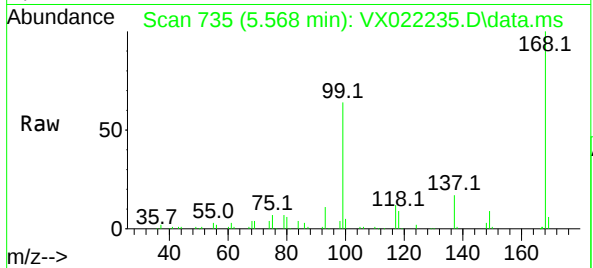




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

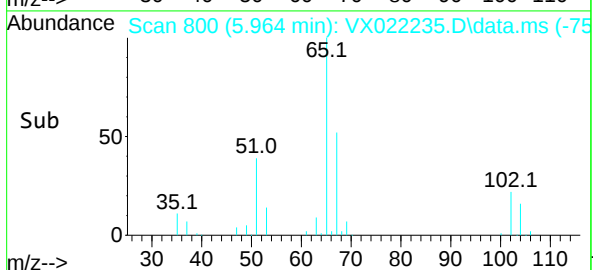
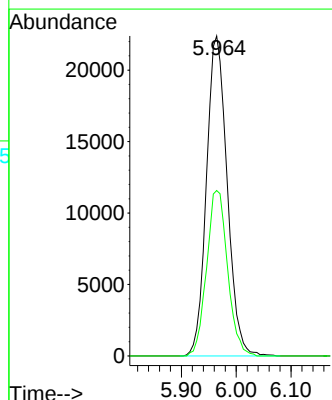
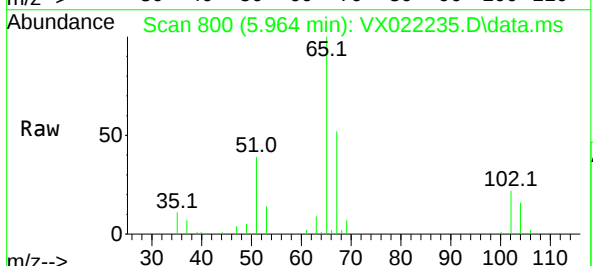
Instrument :
MSVOA_X
ClientSampleId :
GHOST-3D

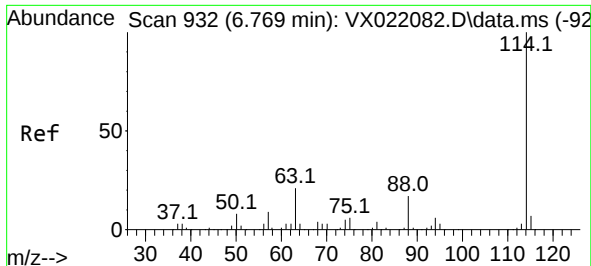
Tgt Ion:168 Resp: 69180
Ion Ratio Lower Upper
168 100
99 63.9 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 54.88 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

Tgt Ion: 65 Resp: 58561
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

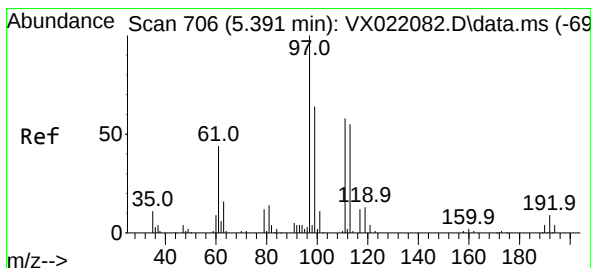
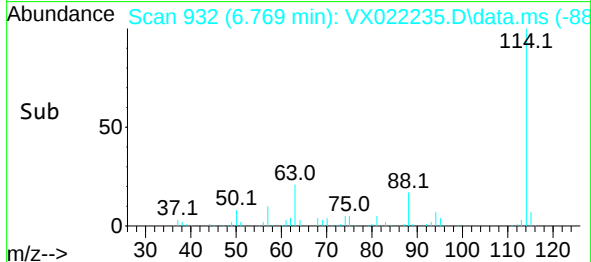
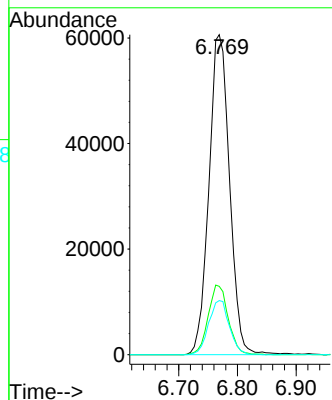
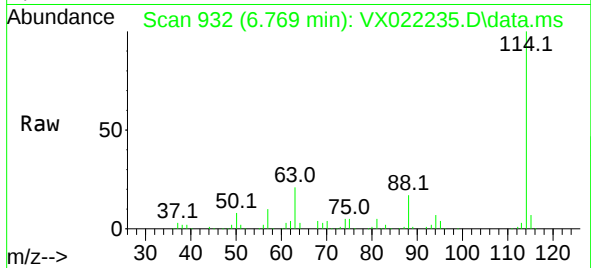




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

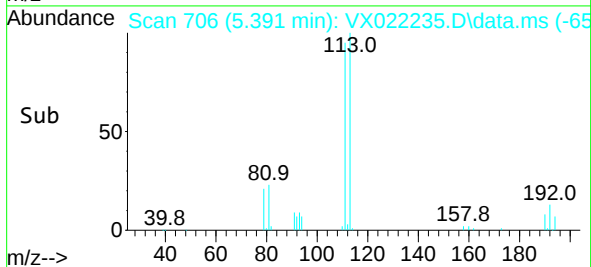
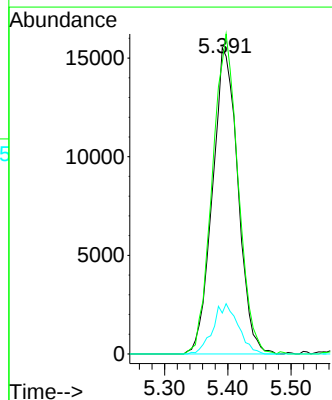
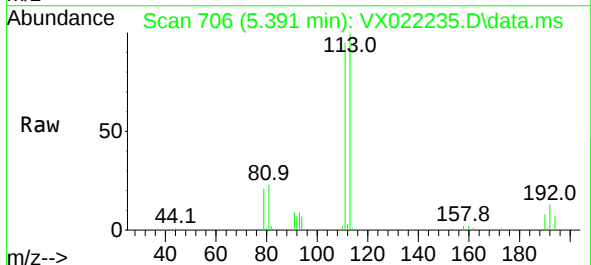
Instrument :
MSVOA_X
ClientSampleId :
GHOST-3D

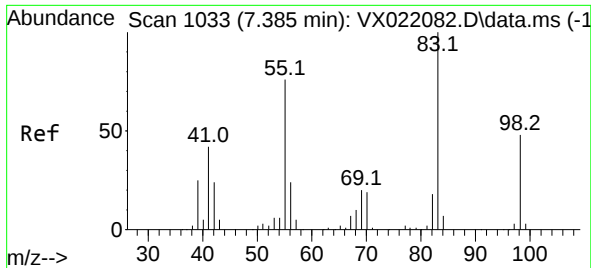
Tgt Ion:114 Resp: 147834
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.20 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

Tgt Ion:113 Resp: 43308
Ion Ratio Lower Upper
113 100
111 105.8 81.9 122.9
192 16.3 16.7 25.1#





#39

Methylcyclohexane

Concen: 8.84 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX022235.D

Acq: 27 May 2021 16:17

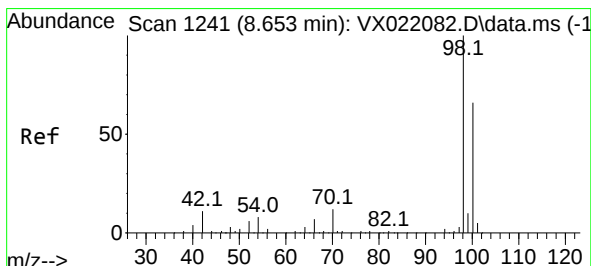
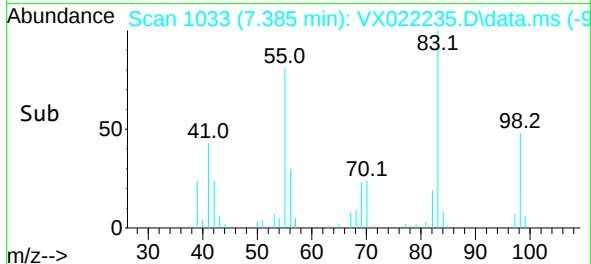
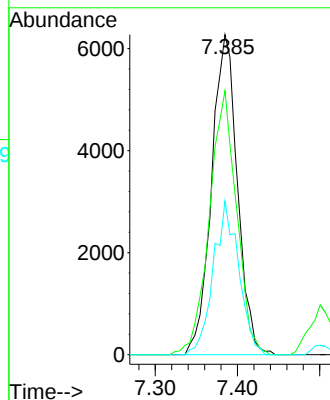
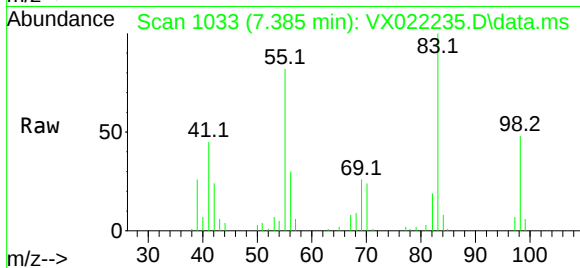
Tgt Ion: 83 Resp: 13701

Ion Ratio Lower Upper

83 100

55 82.5 58.9 88.3

98 48.1 38.1 57.1



#50

Toluene-d8

Concen: 50.28 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022235.D

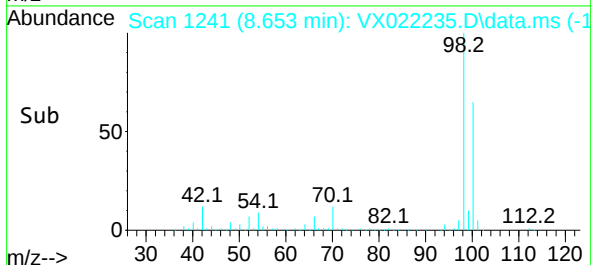
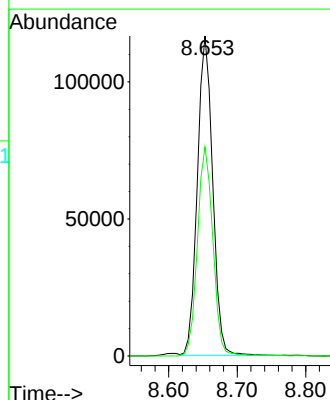
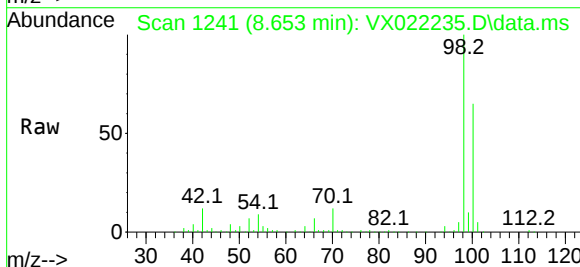
Acq: 27 May 2021 16:17

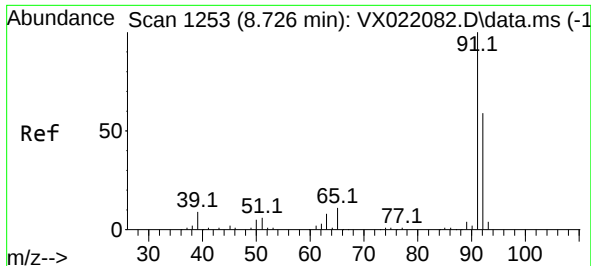
Tgt Ion: 98 Resp: 181579

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9

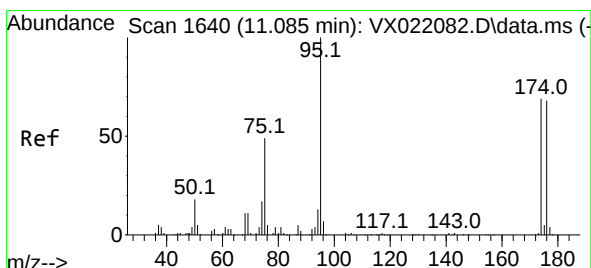
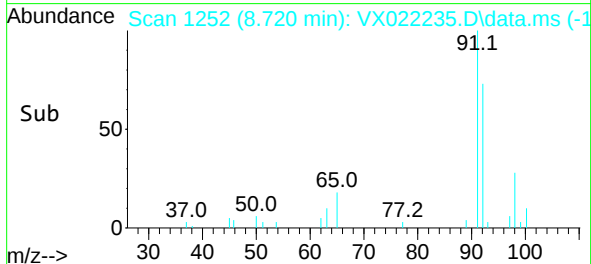
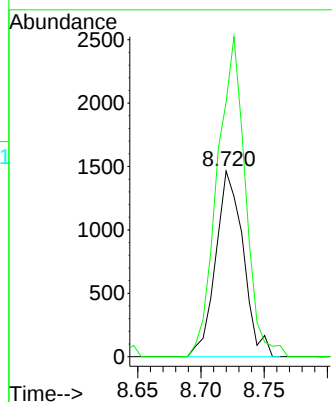
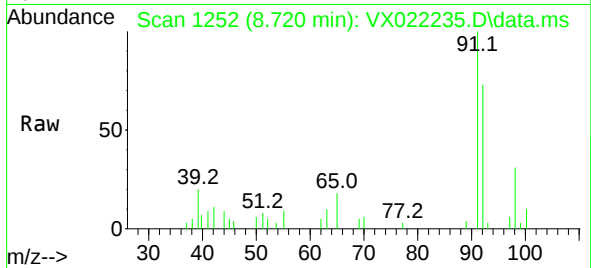




#52
Toluene
Concen: 0.83 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

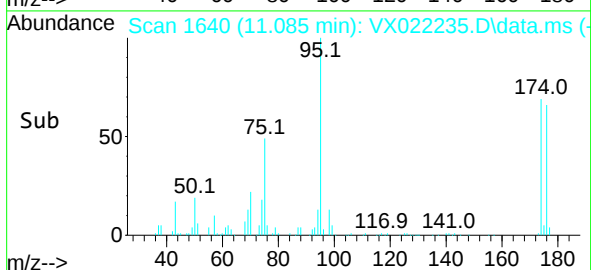
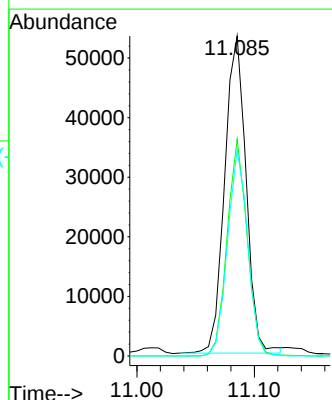
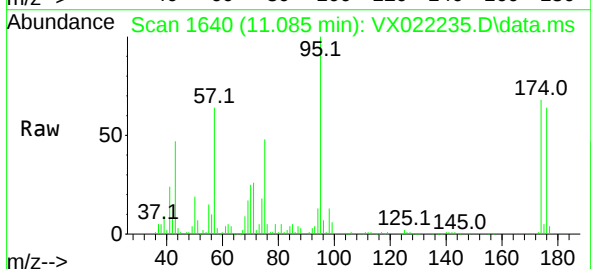
Instrument :
MSVOA_X
ClientSampleId :
GHOST-3D

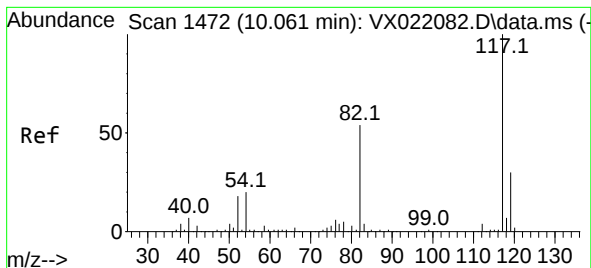
Tgt Ion: 92 Resp: 2212
Ion Ratio Lower Upper
92 100
91 176.1 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 50.53 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

Tgt Ion: 95 Resp: 67447
Ion Ratio Lower Upper
95 100
174 63.9 0.0 154.6
176 61.3 0.0 155.8

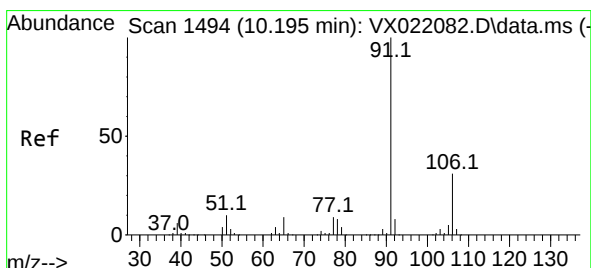
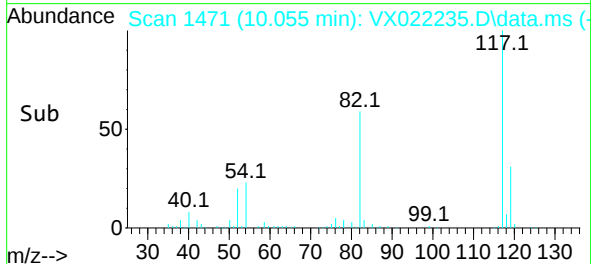
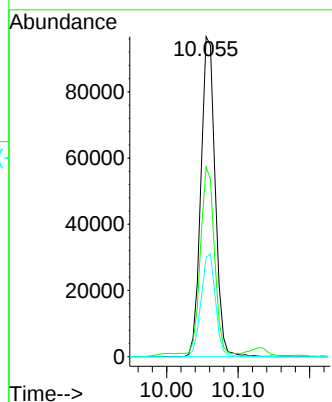
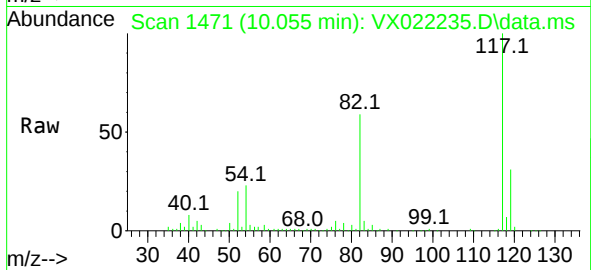




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

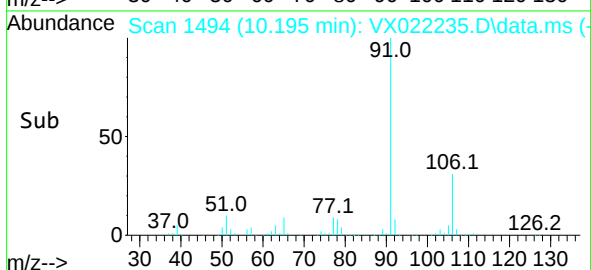
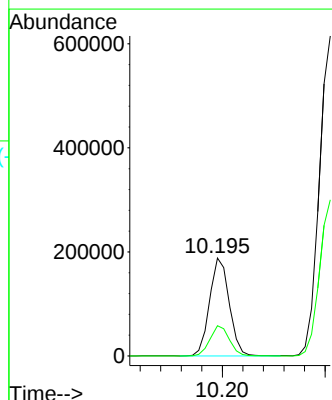
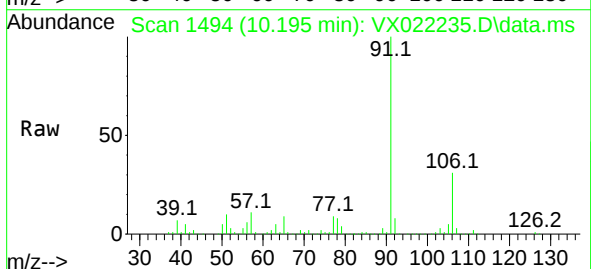
Instrument :
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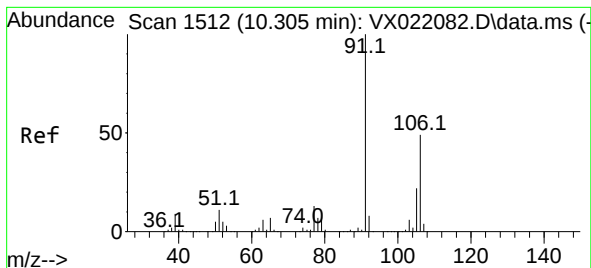
Tgt Ion:117 Resp: 134372
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 31.1 26.6 39.8



#67
Ethyl Benzene
Concen: 48.63 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

Tgt Ion: 91 Resp: 250216
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

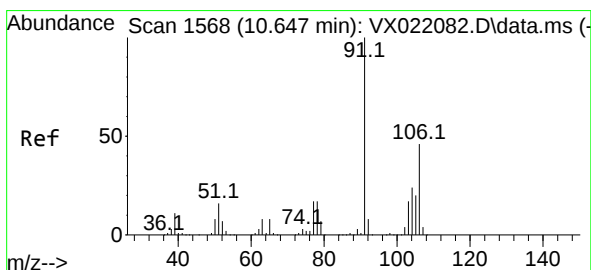
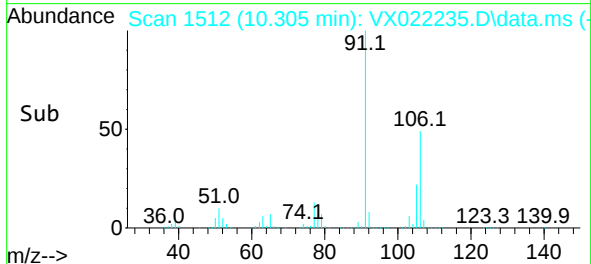
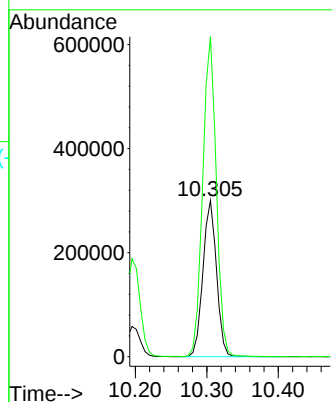
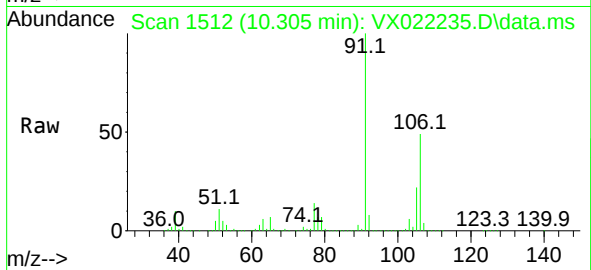




#68
m/p-Xylenes
Concen: 203.39 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

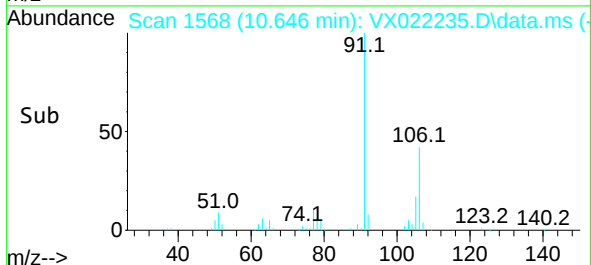
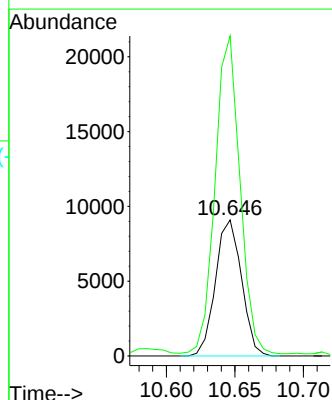
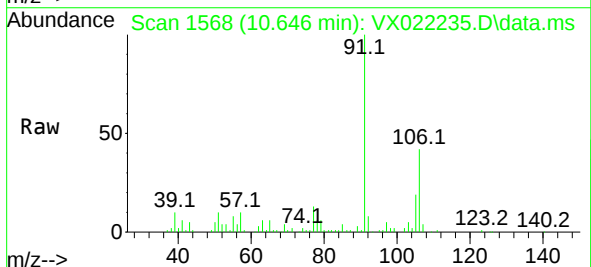
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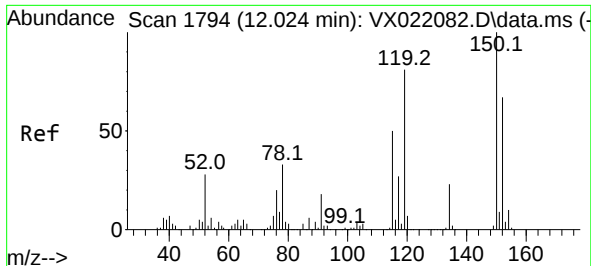
Tgt Ion:106 Resp: 395534
Ion Ratio Lower Upper
106 100
91 205.0 162.8 244.2



#69
o-Xylene
Concen: 6.35 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

Tgt Ion:106 Resp: 12019
Ion Ratio Lower Upper
106 100
91 222.4 108.1 324.2

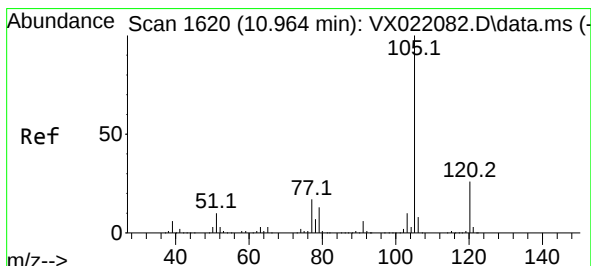
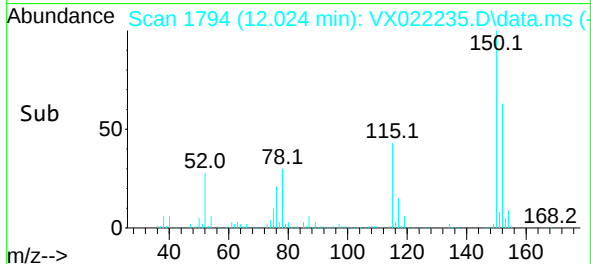
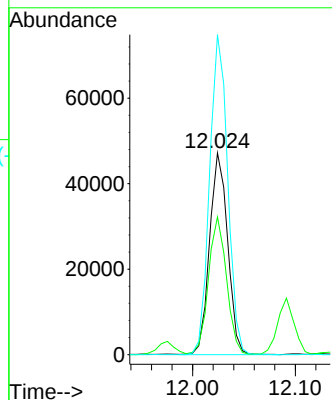
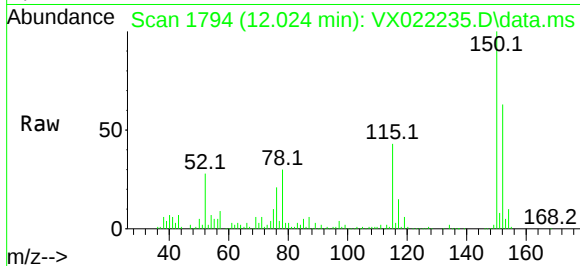




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

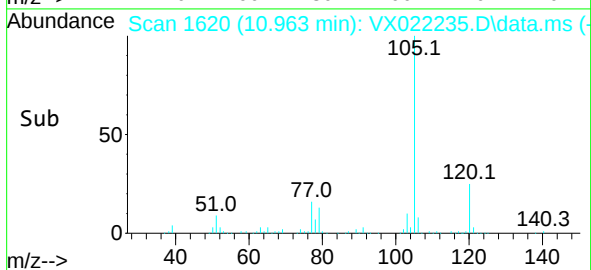
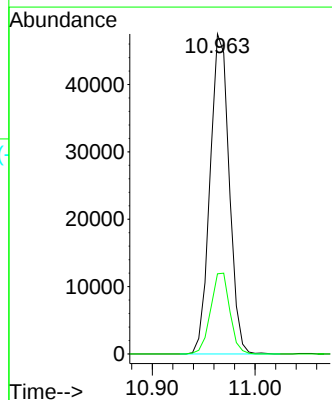
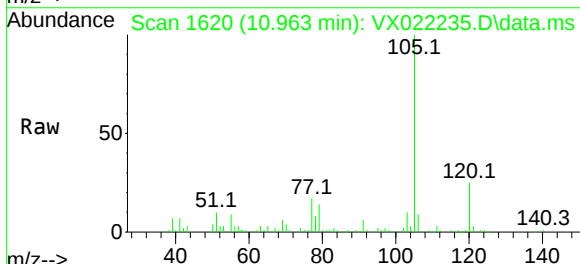
Instrument :
MSVOA_X
ClientSampled :
GHOST-3D

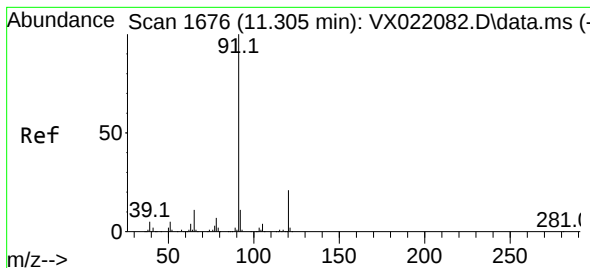
Tgt Ion:152 Resp: 57693
Ion Ratio Lower Upper
152 100
115 68.0 41.1 123.3
150 158.5 0.0 349.0



#73
Isopropylbenzene
Concen: 12.58 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

Tgt Ion:105 Resp: 61417
Ion Ratio Lower Upper
105 100
120 25.3 13.2 39.6

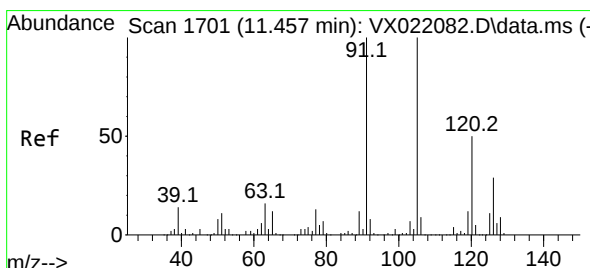
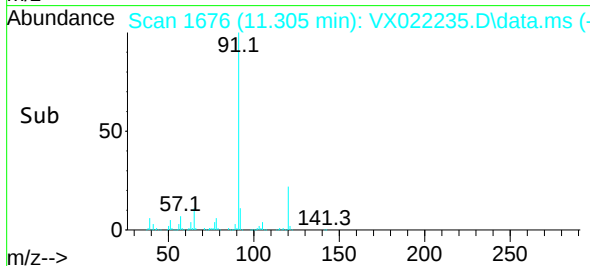
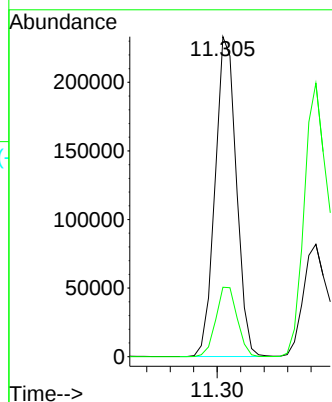
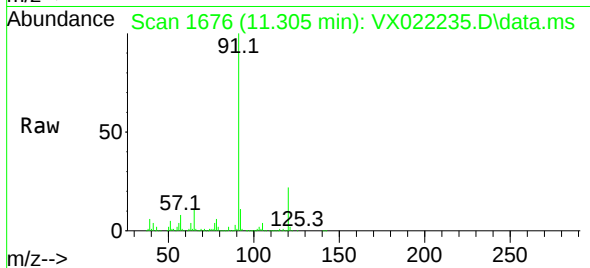




#78
n-propylbenzene
Concen: 51.29 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

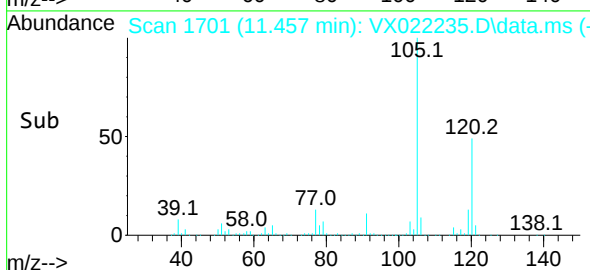
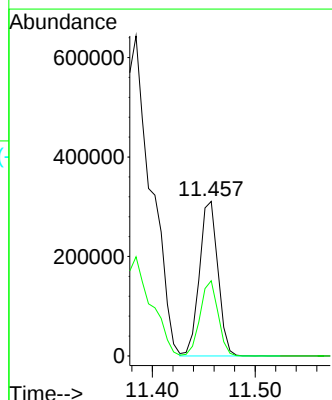
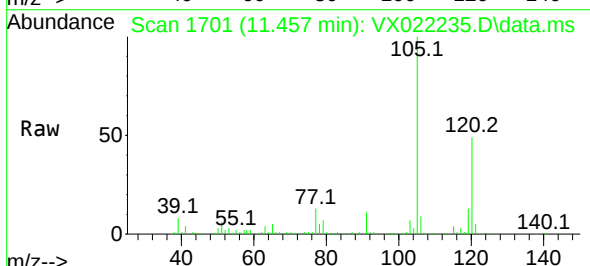
Instrument :
MSVOA_X
ClientSampleId :
GHOST-3D

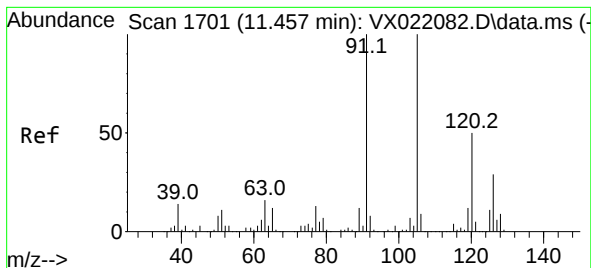
Tgt Ion: 91 Resp: 293326
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 96.40 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

Tgt Ion: 105 Resp: 390116
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5

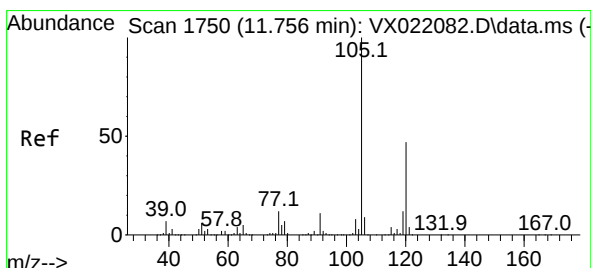
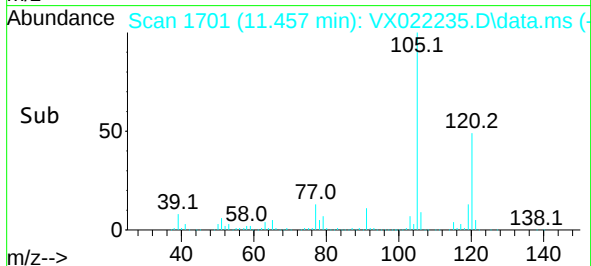
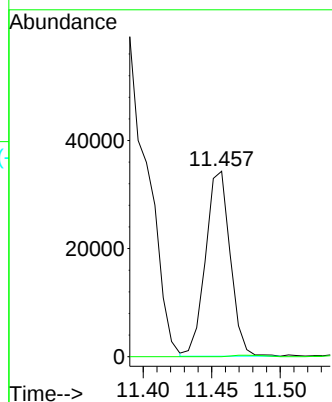
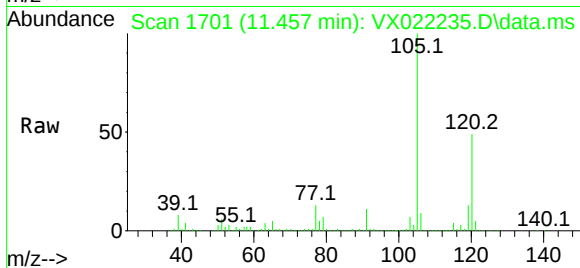




#82
4-Chlorotoluene
Concen: 10.73 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

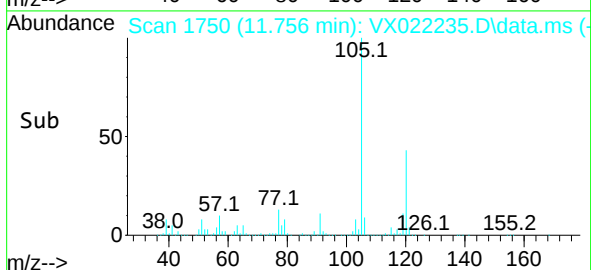
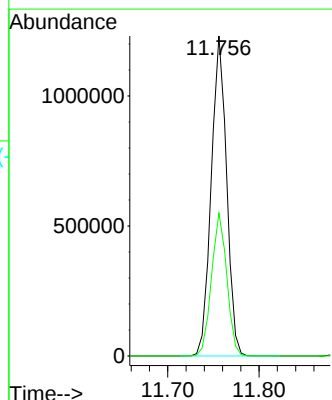
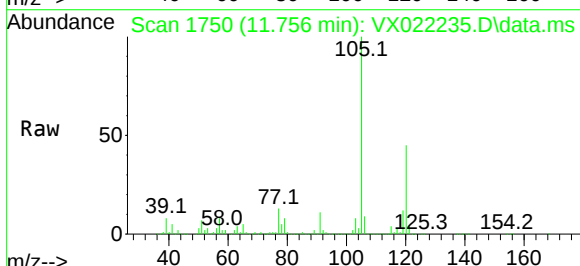
Instrument :
MSVOA_X
ClientSampleId :
GHOST-3D

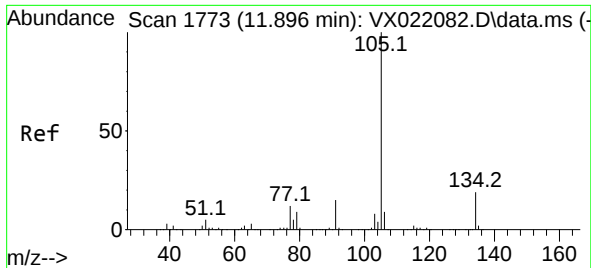
Tgt Ion: 91 Resp: 42869
Ion Ratio Lower Upper
91 100
126 1.0 14.9 44.5#



#84
1,2,4-Trimethylbenzene
Concen: 351.22 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

Tgt Ion:105 Resp: 1430725
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3

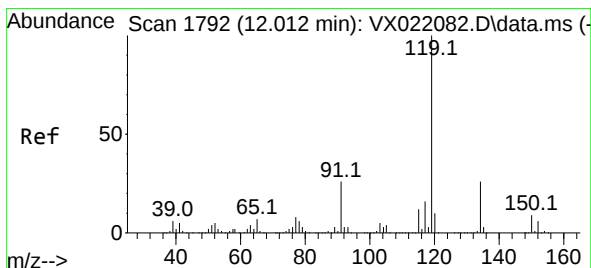
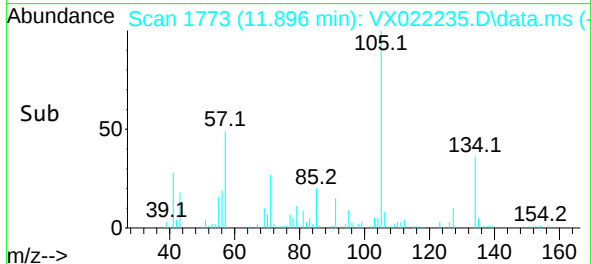
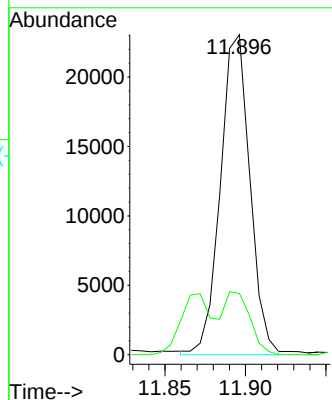
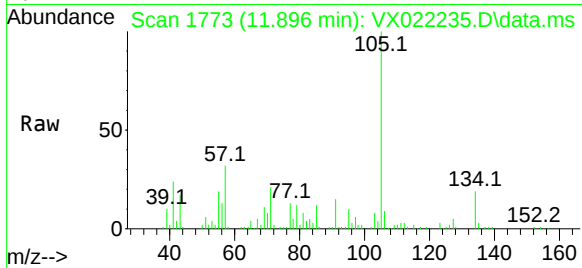




#85
 sec-Butylbenzene
 Concen: 5.96 ug/l m
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX022235.D
 Acq: 27 May 2021 16:17

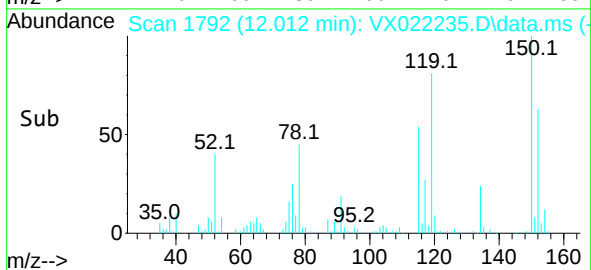
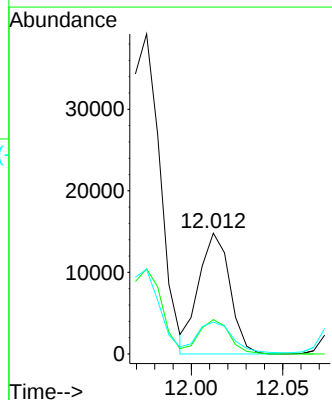
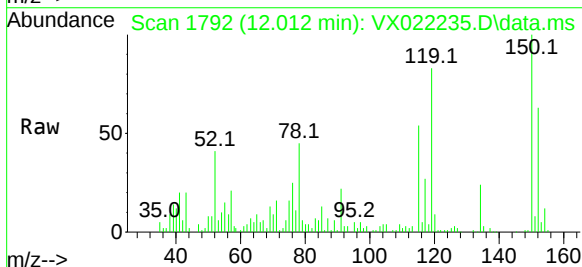
Instrument :
 MSVOA_X
 ClientSampled :
 GHOST-3D

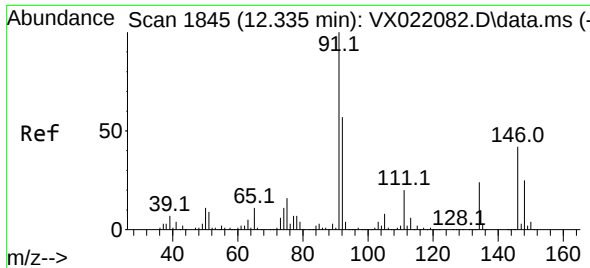
Tgt Ion:105 Resp: 29391
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 4.22 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX022235.D
 Acq: 27 May 2021 16:17

Tgt Ion:119 Resp: 17592
 Ion Ratio Lower Upper
 119 100
 134 28.0 12.9 38.7
 91 27.9 11.7 35.0

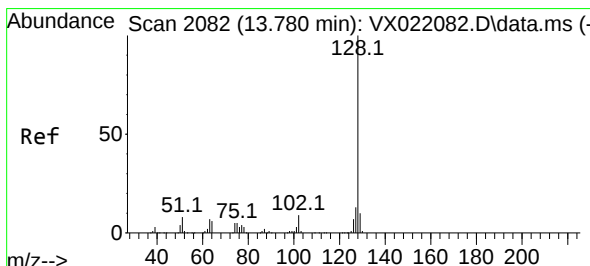
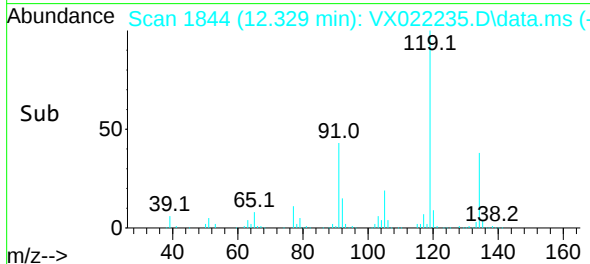
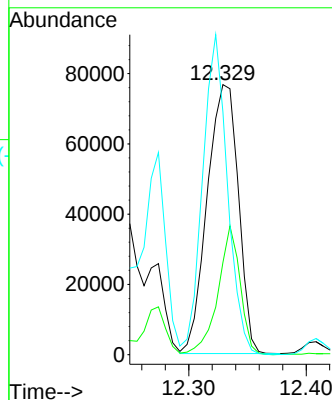
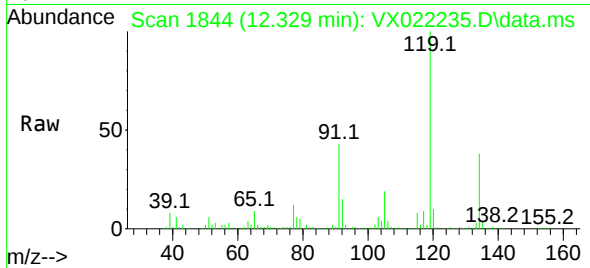




#89
n-Butylbenzene
Concen: 36.63 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

Instrument :
MSVOA_X
ClientSampleId :
GHOST-3D

Tgt Ion: 91 Resp: 141170
Ion Ratio Lower Upper
91 100
92 34.1 27.4 82.0
134 94.6 13.2 39.5#



#95
Naphthalene
Concen: 50.01 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022235.D
Acq: 27 May 2021 16:17

Tgt Ion:128 Resp: 225629
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.7 8.8 13.2

