

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030348.D
 Acq On : 02 Aug 2022 13:33
 Operator : JC/MD
 Sample : N3964-05
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HMGP-SOIL-C

Quant Time: Aug 02 15:49:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

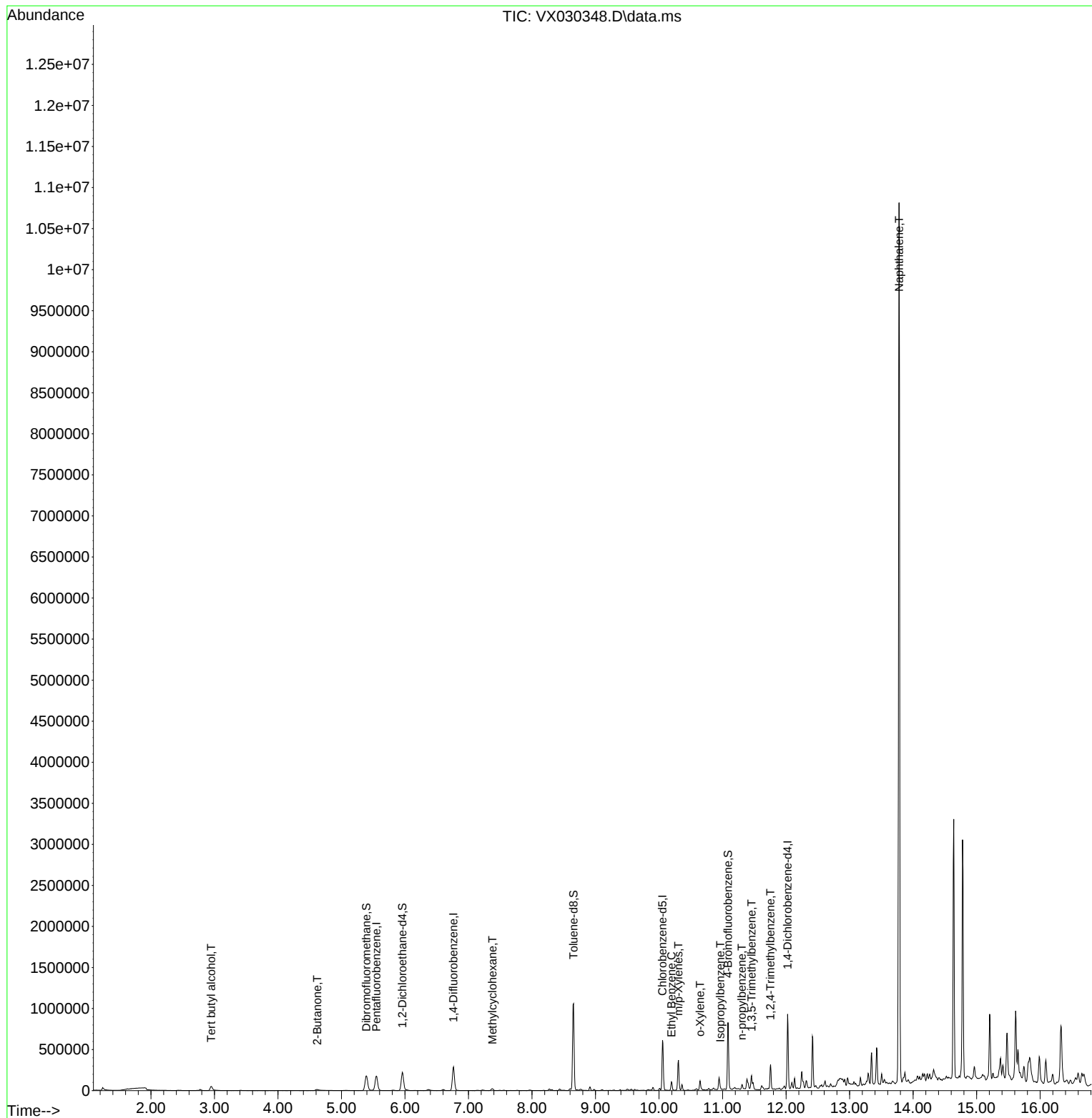
Internal Standards						
1) Pentafluorobenzene	5.549	168	168425	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	293451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207288	61.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.460%	
35) Dibromofluoromethane	5.391	113	164671	58.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.400%	
50) Toluene-d8	8.653	98	658499	60.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 121.220%#	
62) 4-Bromofluorobenzene	11.085	95	232281	57.612	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	39043	47.281	ug/l #	77
25) 2-Butanone	4.617	43	35013	12.022	ug/l	90
39) Methylcyclohexane	7.378	83	10262	1.969	ug/l	92
67) Ethyl Benzene	10.195	91	61367	3.166	ug/l	96
68) m/p-Xylenes	10.305	106	84928	16.016	ug/l	96
69) o-Xylene	10.646	106	23317	4.462	ug/l	94
73) Isopropylbenzene	10.963	105	16128	1.167	ug/l	84
78) n-propylbenzene	11.305	91	36979	2.242	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	70430	6.086	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	134693	11.665	ug/l	98
95) Naphthalene	13.780	128	6208867	442.616	ug/l	97

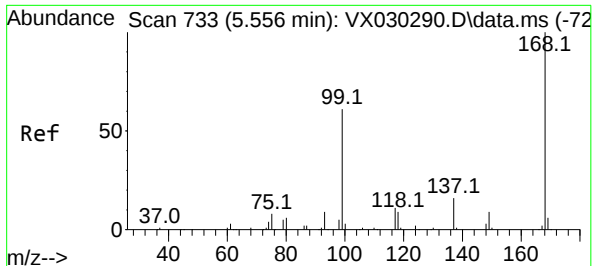
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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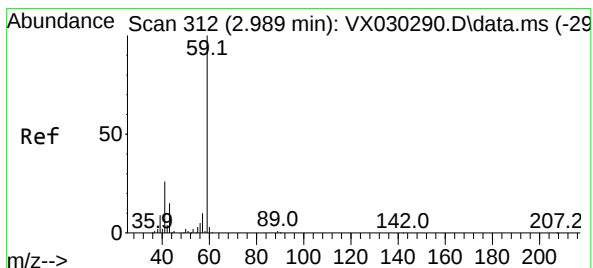
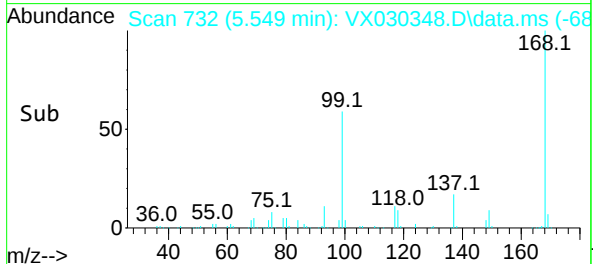
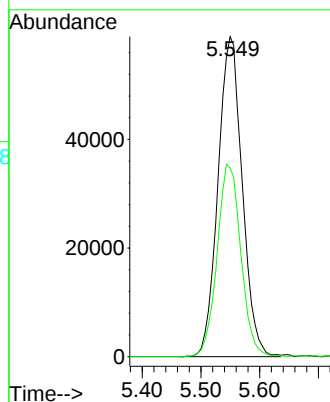
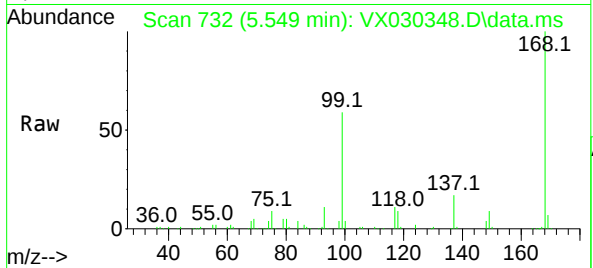




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

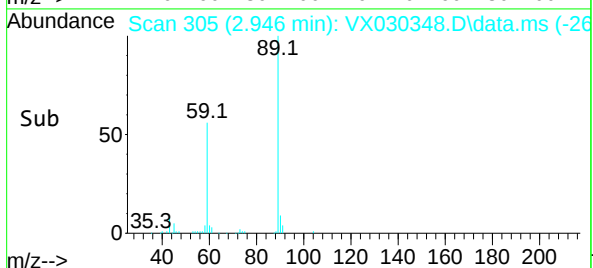
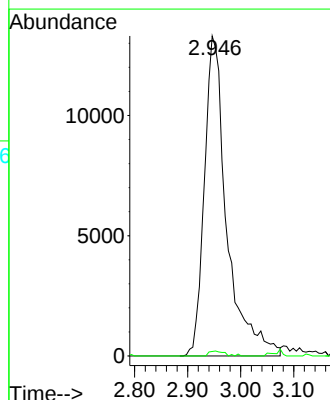
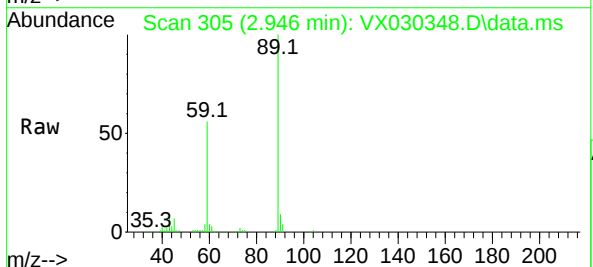
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

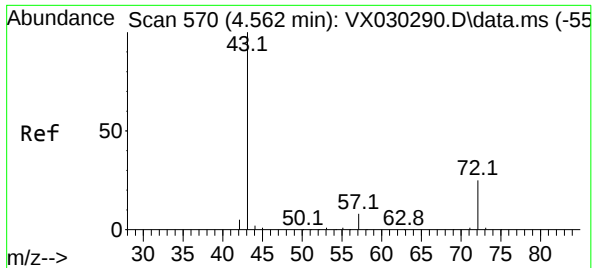
Tgt Ion:168 Resp: 168425
Ion Ratio Lower Upper
168 100
99 59.0 44.0 66.0



#11
Tert butyl alcohol
Concen: 47.281 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 59 Resp: 39043
Ion Ratio Lower Upper
59 100
57 1.0 7.4 11.2#

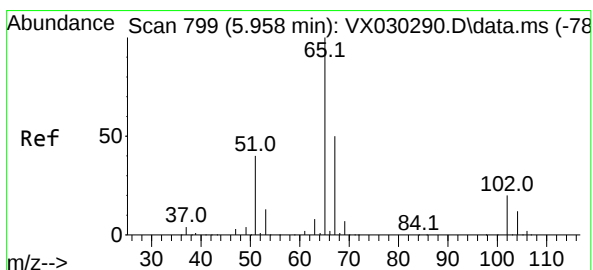
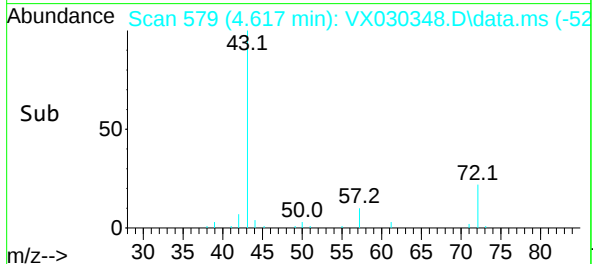
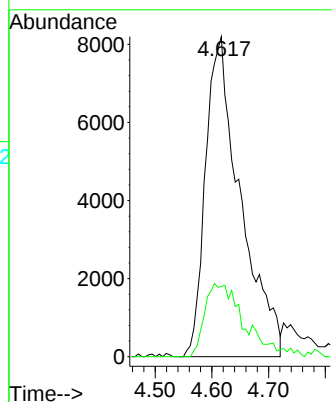
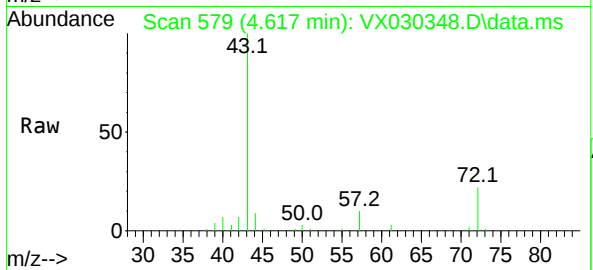




#25
2-Butanone
Concen: 12.022 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

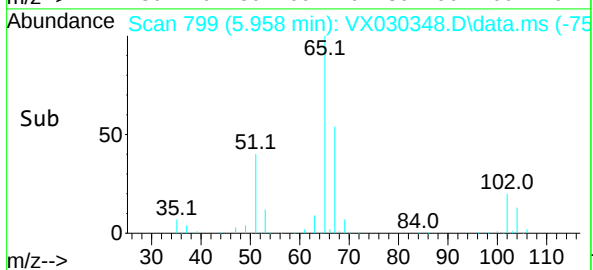
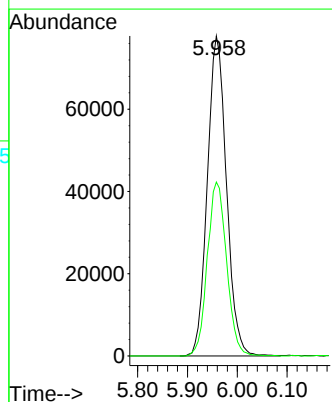
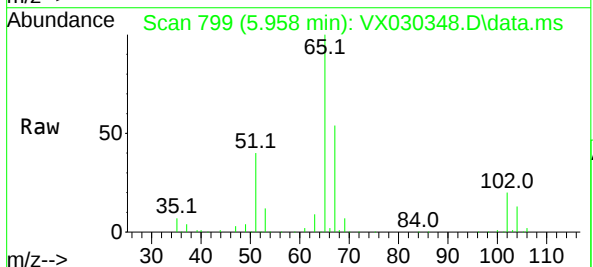
Instrument :
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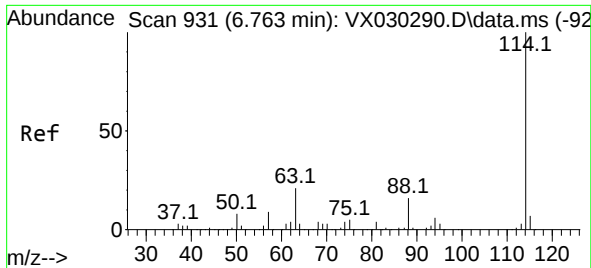
Tgt Ion: 43 Resp: 35013
Ion Ratio Lower Upper
43 100
72 22.0 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 61.233 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 65 Resp: 207288
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6

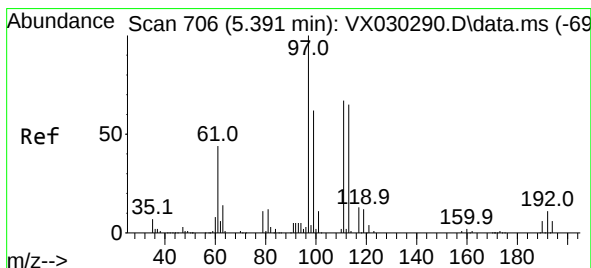
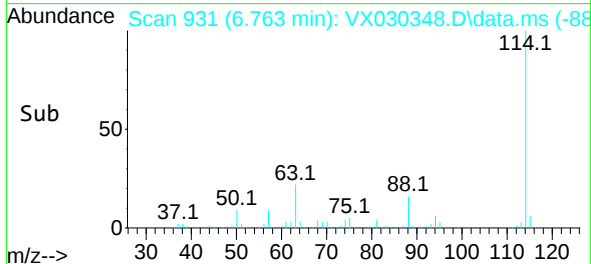
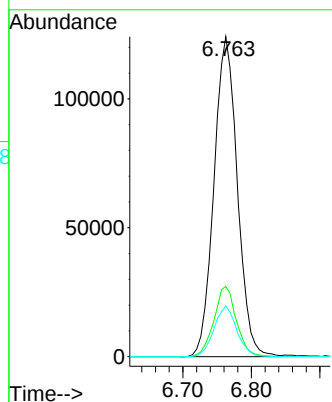
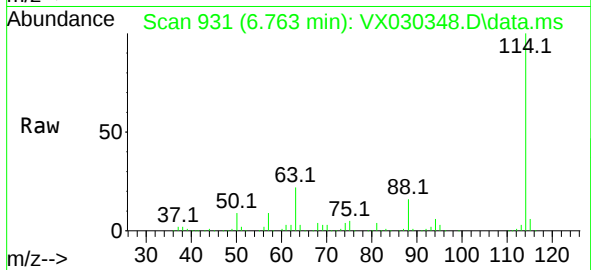




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

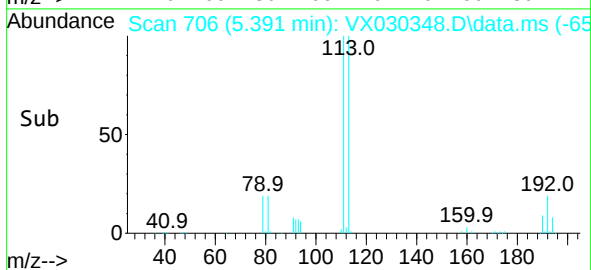
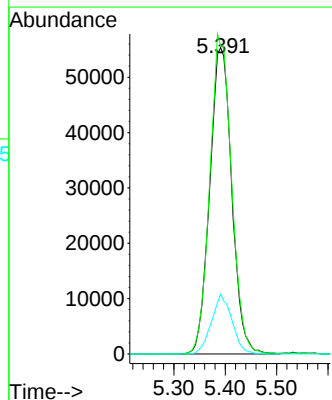
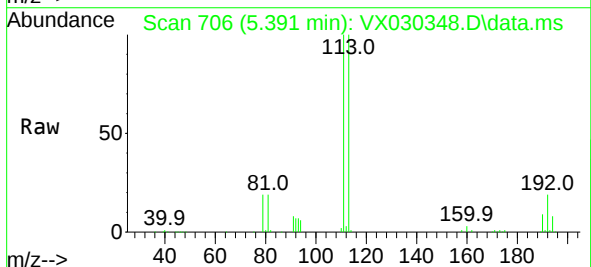
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

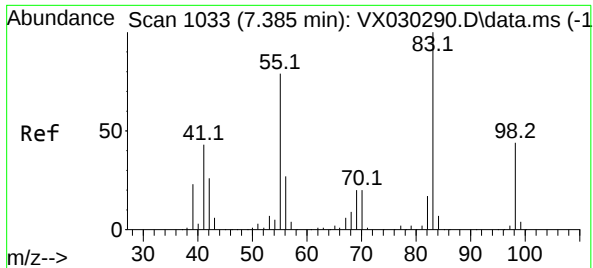
Tgt Ion:114 Resp: 293451
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.4
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 58.701 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion:113 Resp: 164671
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.1 14.8 22.2

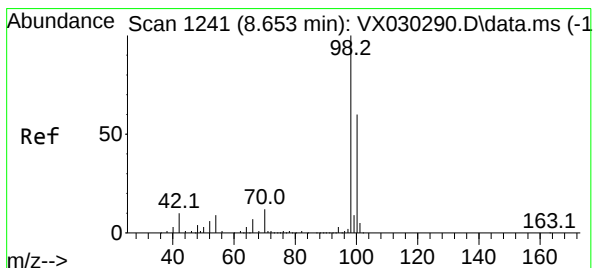
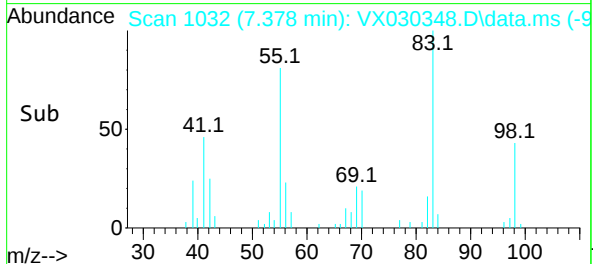
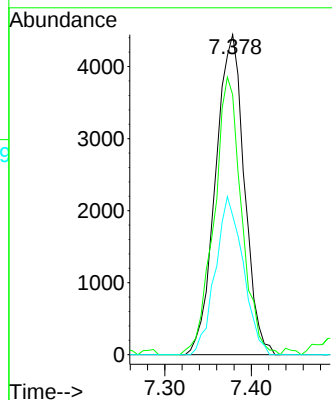
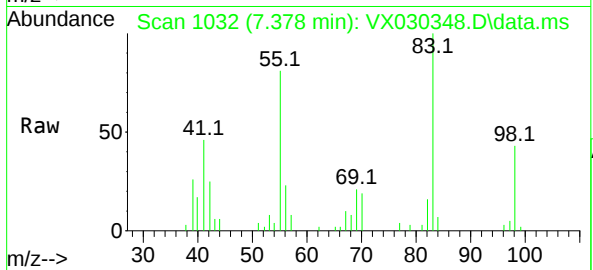




#39
Methylcyclohexane
Concen: 1.969 ug/l
RT: 7.378 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

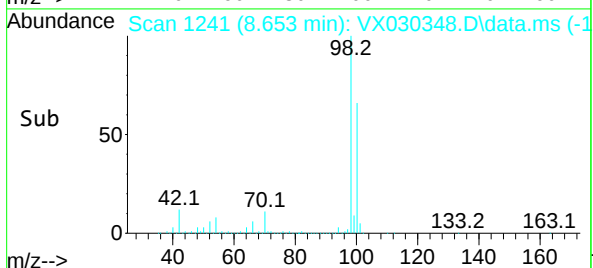
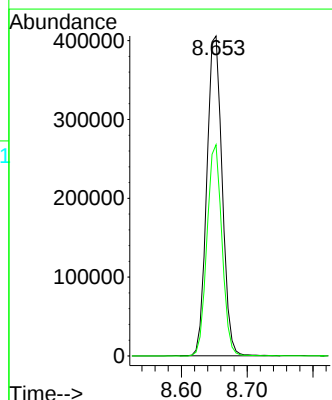
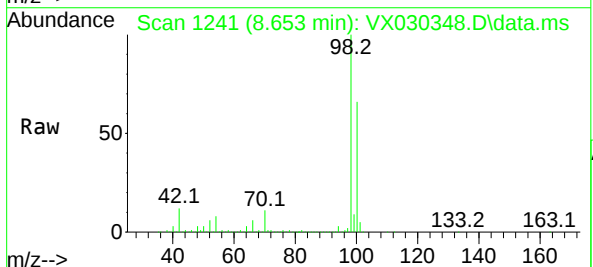
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

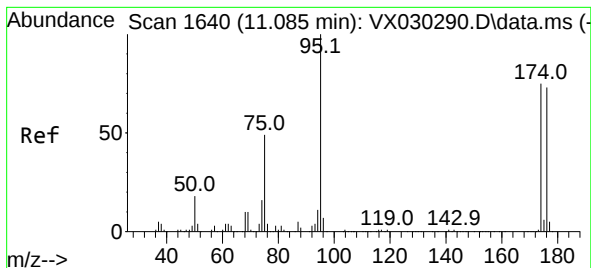
Tgt Ion: 83 Resp: 10262
Ion Ratio Lower Upper
83 100
55 81.2 57.7 86.5
98 43.5 36.5 54.7



#50
Toluene-d8
Concen: 60.615 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 98 Resp: 658499
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

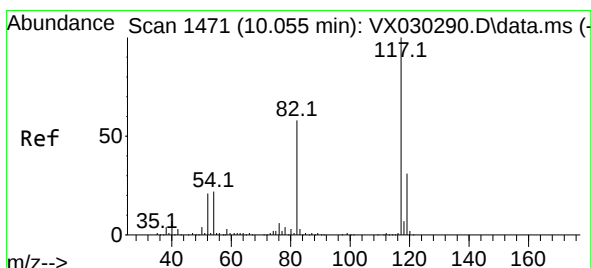
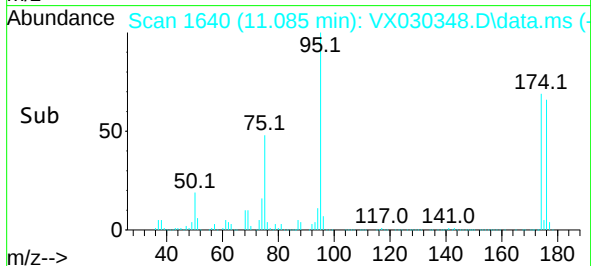
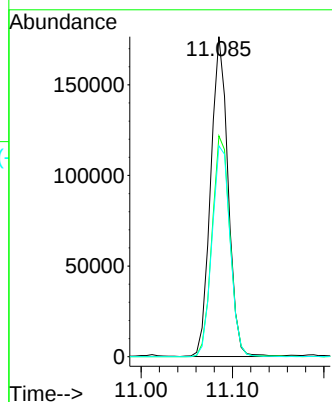
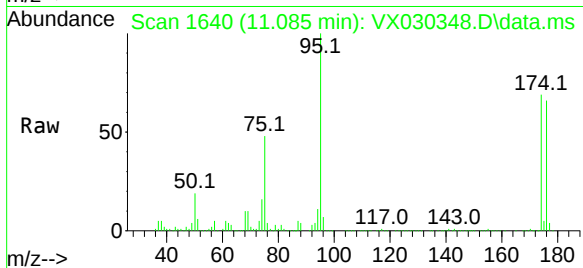




#62
4-Bromofluorobenzene
Concen: 57.612 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

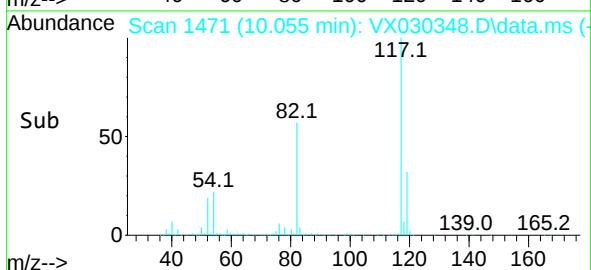
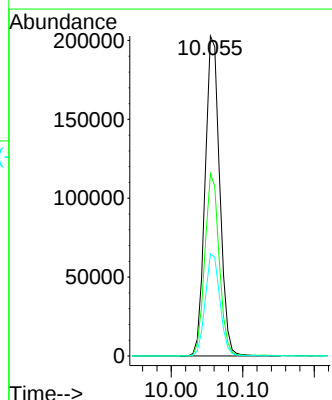
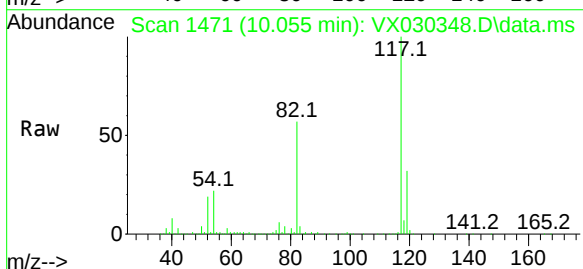
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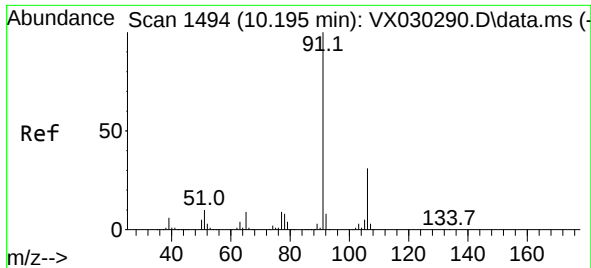
Tgt Ion: 95 Resp: 232281
Ion Ratio Lower Upper
95 100
174 71.3 0.0 149.0
176 68.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 117 Resp: 288154
Ion Ratio Lower Upper
117 100
82 56.9 42.7 64.1
119 32.0 25.4 38.2

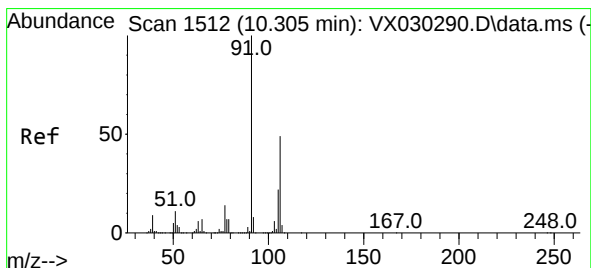
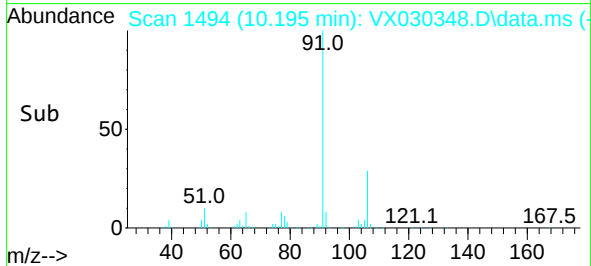
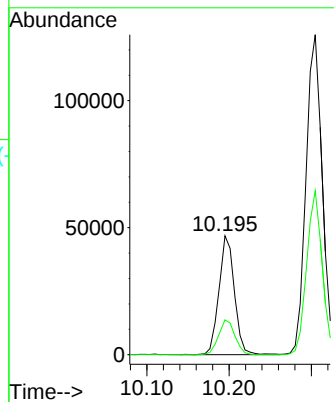
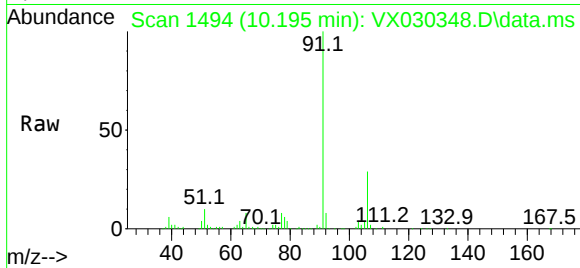




#67
Ethyl Benzene
Concen: 3.166 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

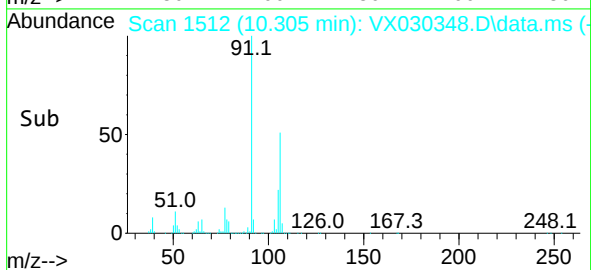
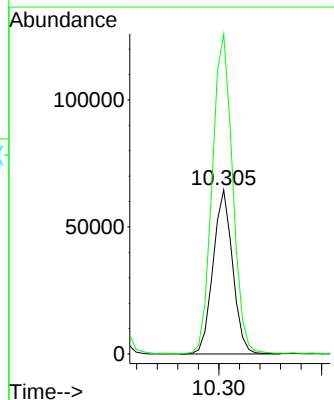
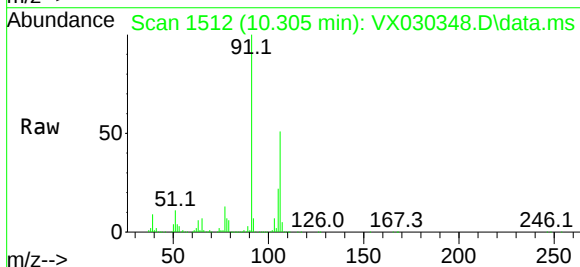
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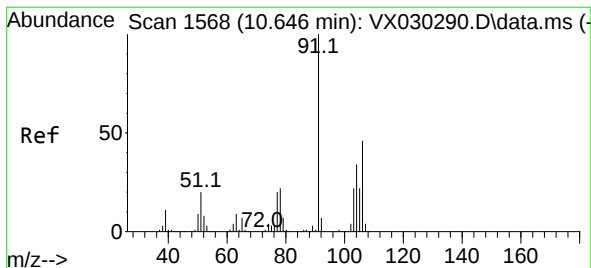
Tgt Ion: 91 Resp: 61367
Ion Ratio Lower Upper
91 100
106 29.4 25.5 38.3



#68
m/p-Xylenes
Concen: 16.016 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion:106 Resp: 84928
Ion Ratio Lower Upper
106 100
91 203.1 158.2 237.4





#69

o-Xylene

Concen: 4.462 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_X

ClientSampleId :

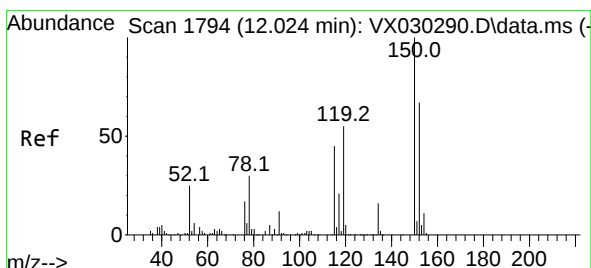
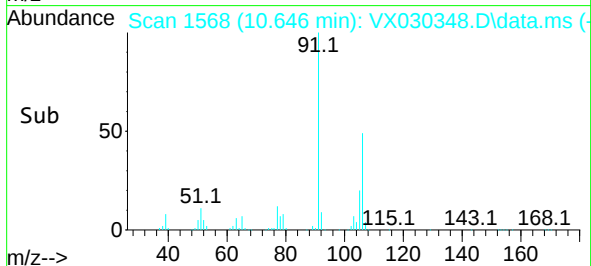
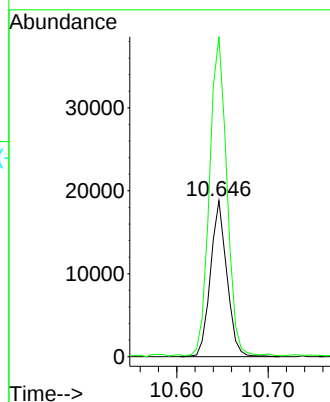
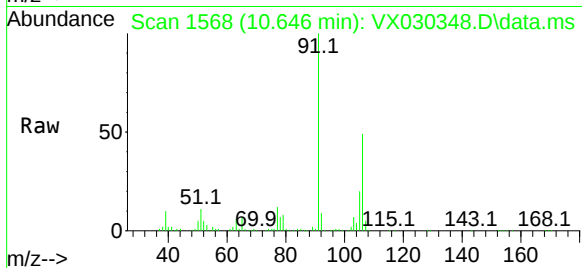
HMGP-SOIL-C

Tgt Ion:106 Resp: 23317

Ion Ratio Lower Upper

106 100

91 217.3 103.8 311.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

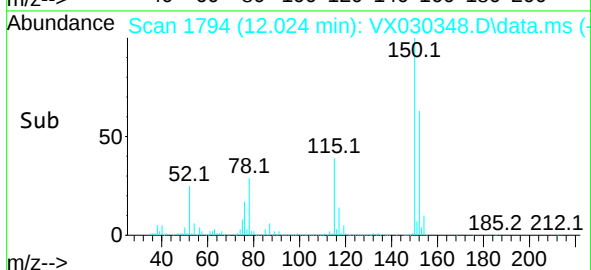
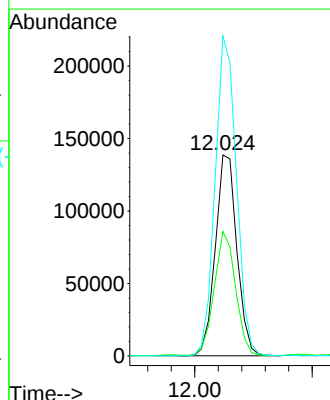
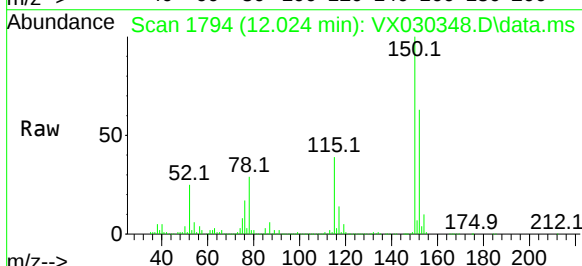
Tgt Ion:152 Resp: 177049

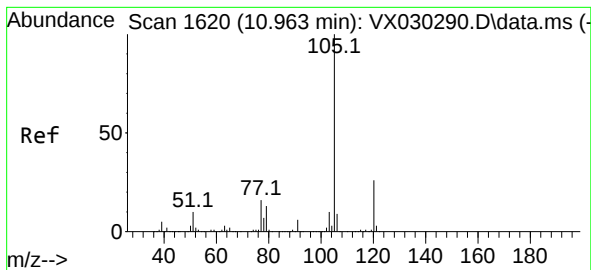
Ion Ratio Lower Upper

152 100

115 60.8 40.5 121.5

150 157.4 0.0 347.0





#73

Isopropylbenzene

Concen: 1.167 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_X

ClientSampleId :

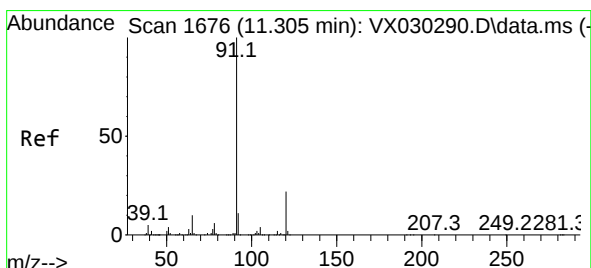
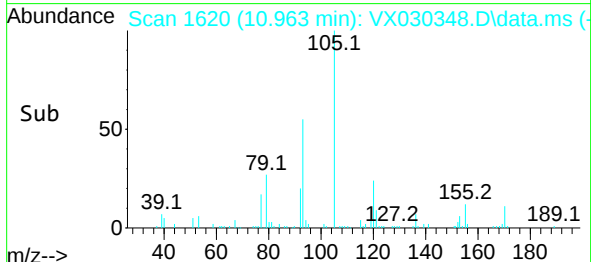
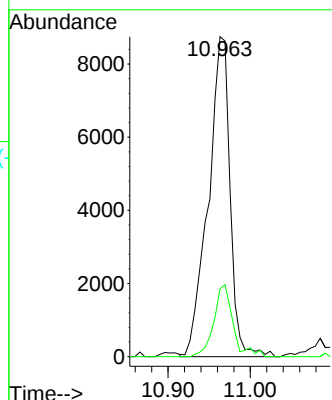
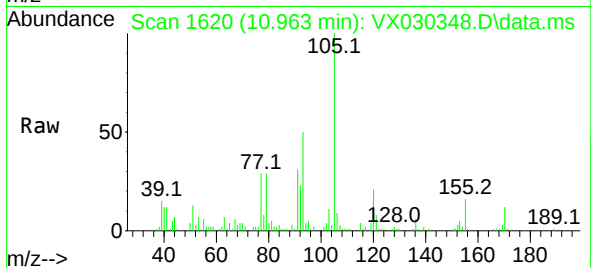
HMGP-SOIL-C

Tgt Ion:105 Resp: 16128

Ion Ratio Lower Upper

105 100

120 18.6 13.5 40.4



#78

n-propylbenzene

Concen: 2.242 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.005 min

Lab File: VX030348.D

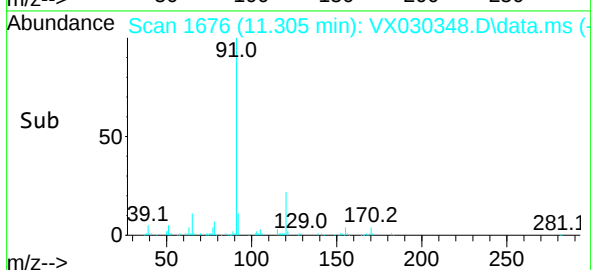
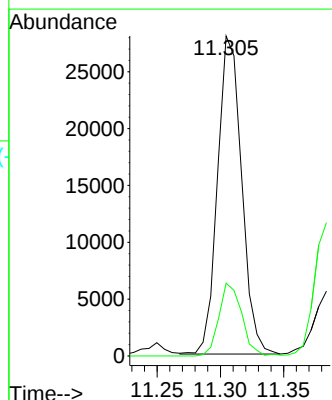
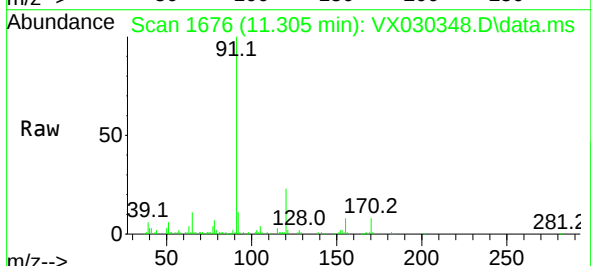
Acq: 02 Aug 2022 13:33

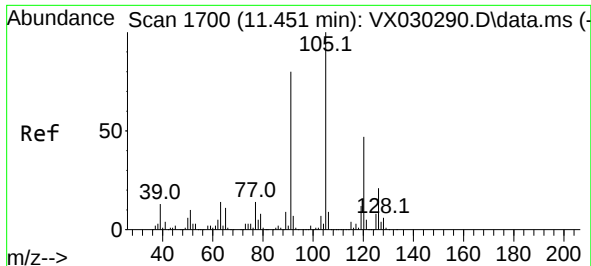
Tgt Ion: 91 Resp: 36979

Ion Ratio Lower Upper

91 100

120 21.7 11.6 34.8

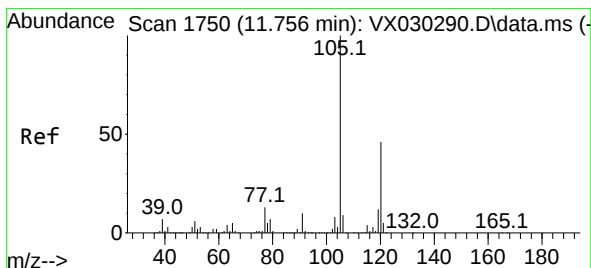
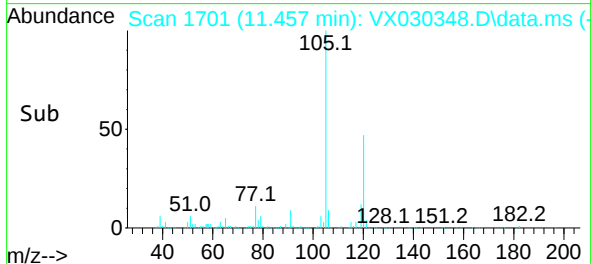
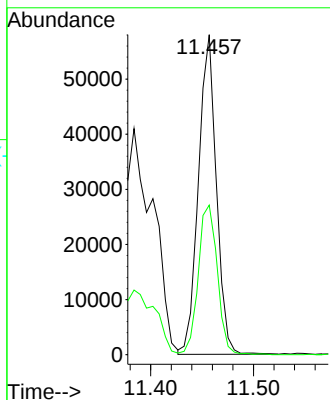
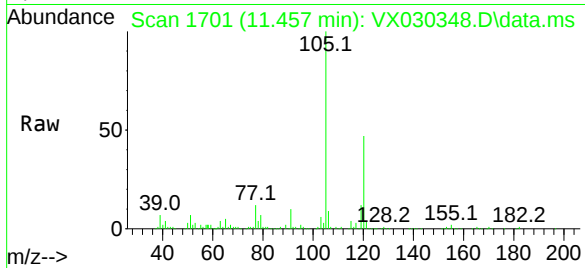




#80
 1,3,5-Trimethylbenzene
 Concen: 6.086 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VX030348.D
 Acq: 02 Aug 2022 13:33

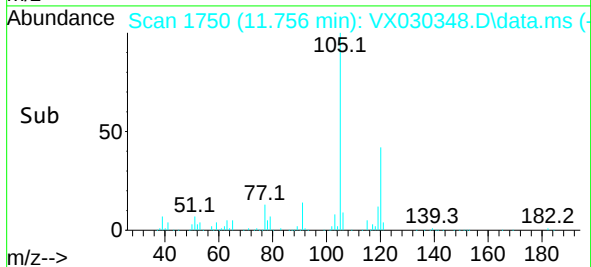
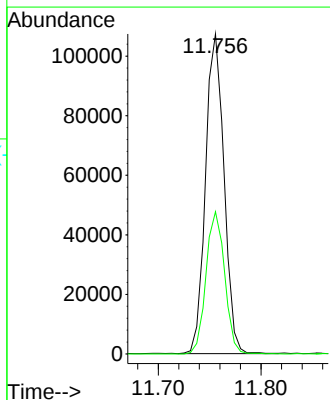
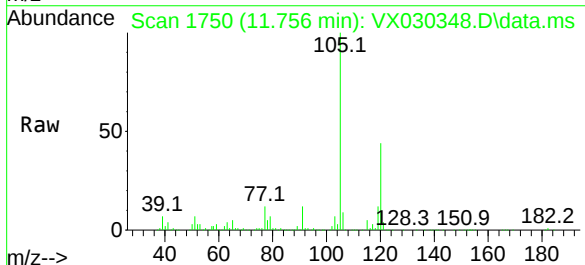
Instrument :
 MSVOA_X
 ClientSampleId :
 HMGP-SOIL-C

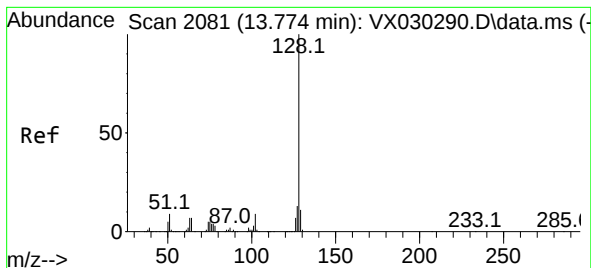
Tgt Ion:105 Resp: 70430
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 11.665 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030348.D
 Acq: 02 Aug 2022 13:33

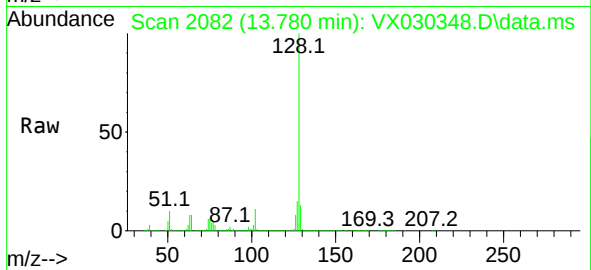
Tgt Ion:105 Resp: 134693
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.9 68.8





#95
Naphthalene
Concen: 442.616 ug/l
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C



Tgt Ion:128 Resp: 6208867
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 12.0 8.6 13.0

