

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030347.D
 Acq On : 02 Aug 2022 13:10
 Operator : JC/MD
 Sample : N3964-03
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HMGP-SOIL-B

Quant Time: Aug 02 15:49:28 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	5.550	168	159994	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	276183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184934	57.508	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.020%
35) Dibromofluoromethane	5.391	113	147246	55.771	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.540%
50) Toluene-d8	8.647	98	572725	56.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.040%
62) 4-Bromofluorobenzene	11.085	95	204564	53.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.820%
Target Compounds						Qvalue
3) Chloromethane	1.282	50	663	0.255	ug/l #	74
5) Bromomethane	1.599	94	798	Below Cal	#	67
6) Chloroethane	1.654	64	308	0.205	ug/l #	41
10) Methyl Iodide	2.428	142	1432	2.082	ug/l #	78
11) Tert butyl alcohol	2.946	59	33680	42.936	ug/l #	76
13) Acrolein	2.233	56	47	0.244	ug/l #	8
17) Carbon Disulfide	2.477	76	1864	0.276	ug/l #	67
18) Methyl Acetate	2.727	43	1949	0.400	ug/l #	83
19) Methyl tert-butyl Ether	2.940	73	1808	0.211	ug/l	94
20) Methylene Chloride	2.776	84	4862	Below Cal		88
25) 2-Butanone	4.617	43	34349	12.415	ug/l	100
29) Tetrahydrofuran	5.056	42	2405	1.292	ug/l #	32
31) Cyclohexane	5.470	56	2110	0.452	ug/l #	52
36) 1,1-Dichloropropene	5.556	75	14152	3.725	ug/l #	48
37) Ethyl Acetate	4.617	43	34349	6.384	ug/l #	69
38) Carbon Tetrachloride	5.544	117	16163	4.557	ug/l #	17
39) Methylcyclohexane	7.379	83	13100	2.671	ug/l	95
40) Benzene	6.037	78	10303	0.862	ug/l	99
43) Isopropyl Acetate	6.379	43	5956	0.755	ug/l #	60
49) 1,4-Dioxane	7.622	88	23	0.257	ug/l #	25
51) 4-Methyl-2-Pentanone	8.598	43	2181	0.407	ug/l #	67
55) 1,1,2-Trichloroethane	9.104	97	3203	1.031	ug/l #	27
67) Ethyl Benzene	10.195	91	63355	3.628	ug/l	99
68) m/p-Xylenes	10.305	106	81604	15.794	ug/l	95
69) o-Xylene	10.646	106	22959	4.508	ug/l	97
70) Styrene	10.658	104	3240	0.387	ug/l #	1
73) Isopropylbenzene	10.963	105	15240	1.128	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.219	83	1461	0.295	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	100003	21.915	ug/l #	38
78) n-propylbenzene	11.305	91	38882	2.411	ug/l	97
79) 2-Chlorotoluene	11.384	91	9518	0.934	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.457	105	72053	6.367	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.085	75	100003	65.743	ug/l #	13
82) 4-Chlorotoluene	11.457	91	8999	0.809	ug/l #	48
83) tert-Butylbenzene	11.975	119	10130	0.966	ug/l	72
84) 1,2,4-Trimethylbenzene	11.756	105	135567	12.008	ug/l	97

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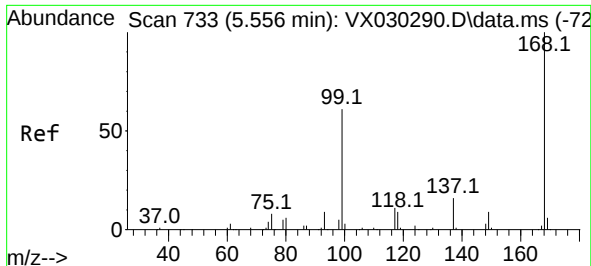
Instrument :
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Quant Time: Aug 02 15:49:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
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 Response via : Initial Calibration

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

85) sec-Butylbenzene	11.756	105	135567	9.443	ug/l #	56
86) p-Isopropyltoluene	12.012	119	20946	1.824	ug/l	88
89) n-Butylbenzene	12.323	91	12774	1.195	ug/l #	16
90) Hexachloroethane	12.554	117	3550	1.795	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1456	1.227	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	940	0.268	ug/l #	2
95) Naphthalene	13.780	128	5949475	433.758	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1020	0.283	ug/l #	26

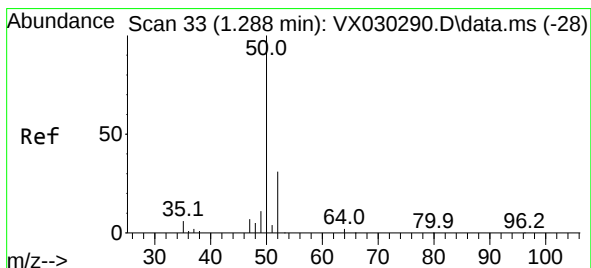
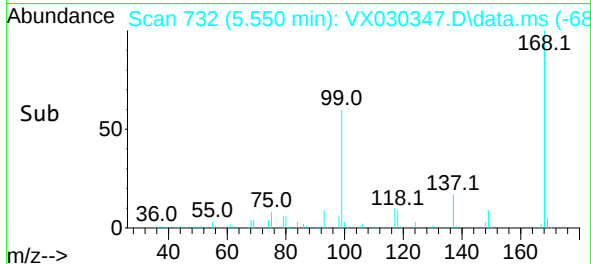
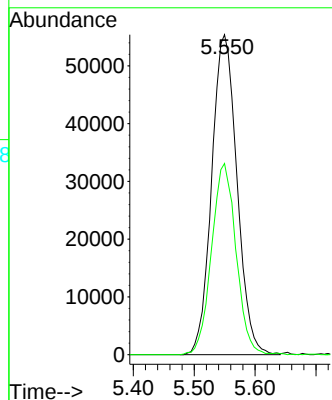
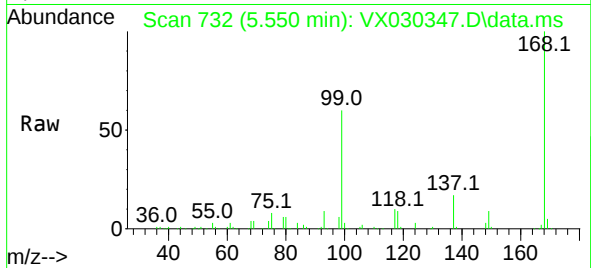
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

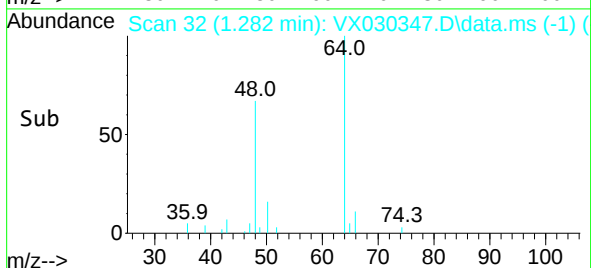
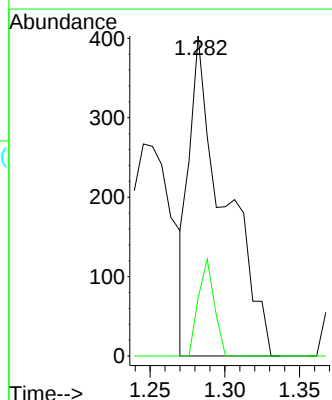
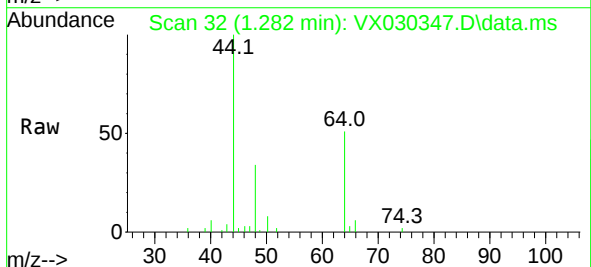
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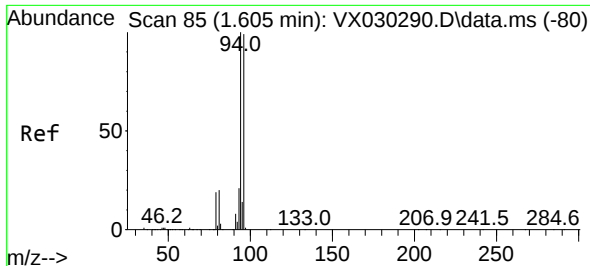
Tgt Ion:168 Resp: 159994
Ion Ratio Lower Upper
168 100
99 59.8 44.0 66.0



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.282 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 50 Resp: 663
Ion Ratio Lower Upper
50 100
52 18.1 26.3 39.5

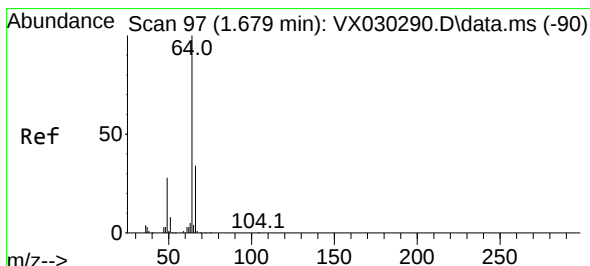
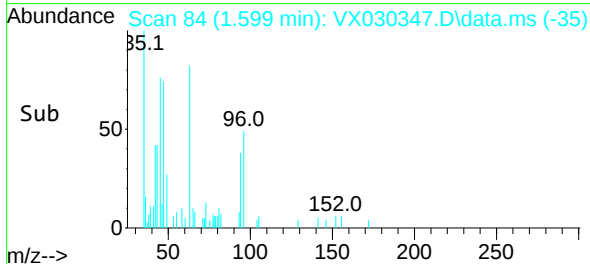
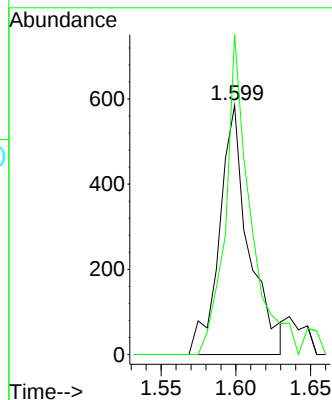
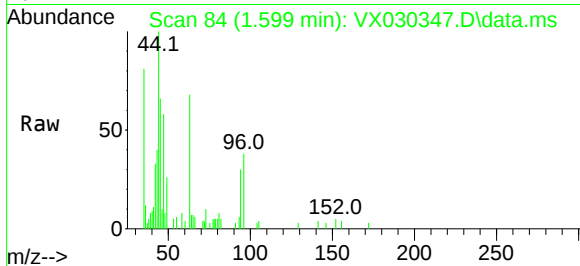




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

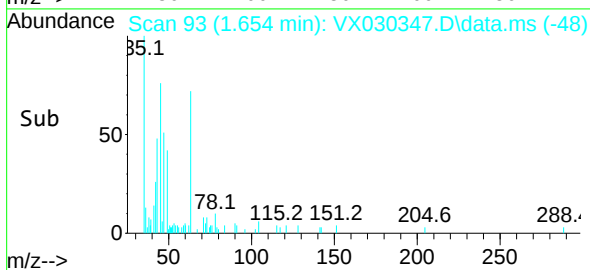
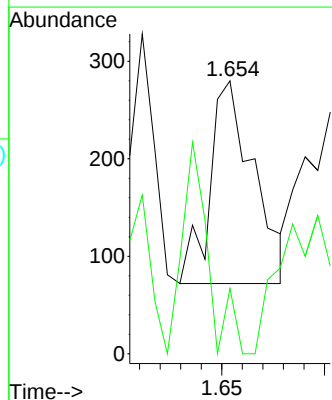
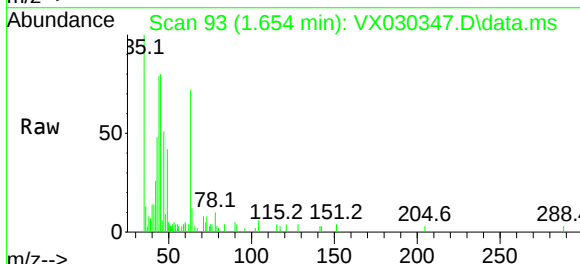
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-B

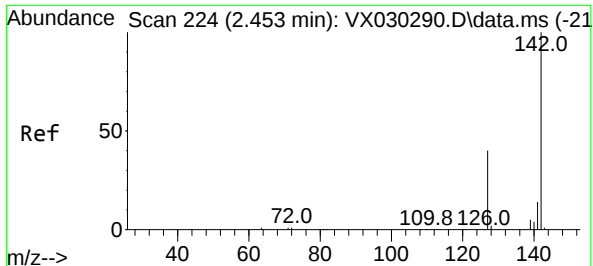
Tgt Ion: 94 Resp: 798
Ion Ratio Lower Upper
94 100
96 128.4 76.9 115.3#



#6
Chloroethane
Concen: 0.205 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.024 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 64 Resp: 308
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

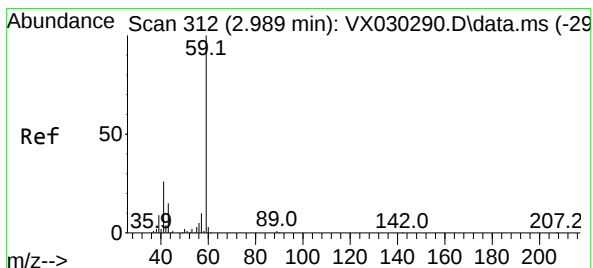
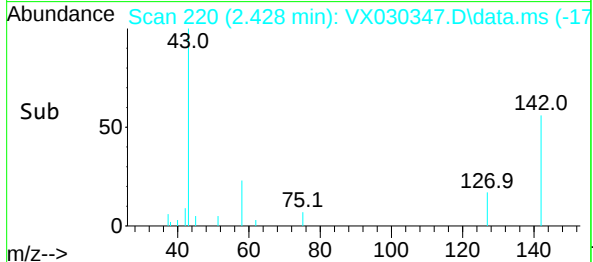
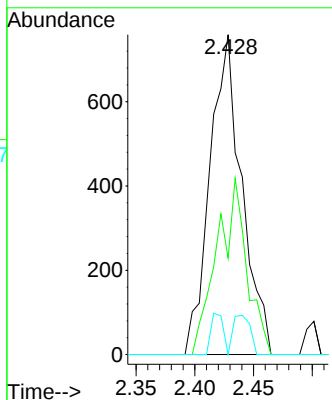
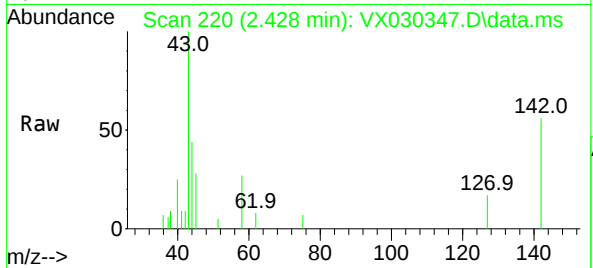




#10
Methyl Iodide
Concen: 2.082 ug/l
RT: 2.428 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

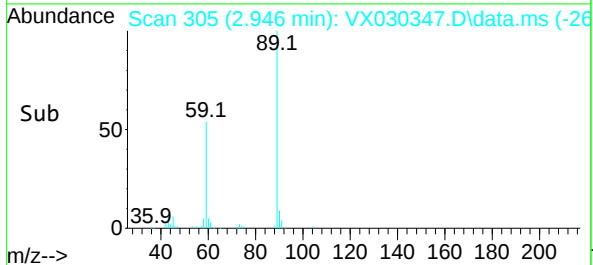
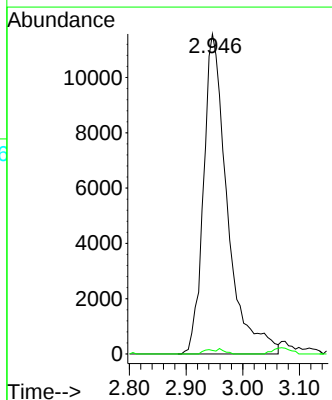
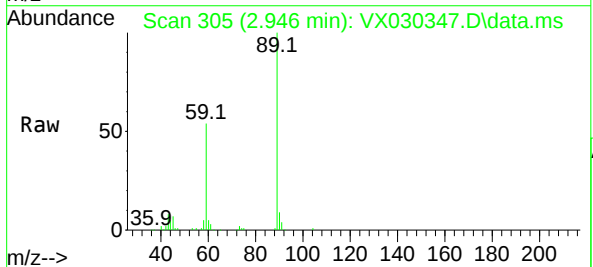
Instrument :
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ClientSampleId :
HMGP-SOIL-B

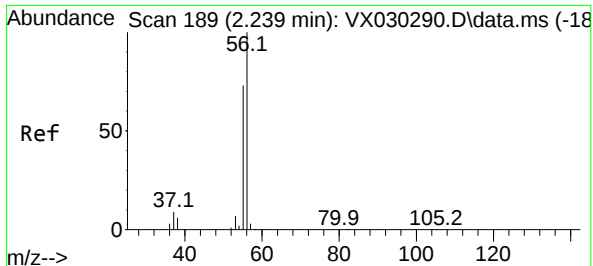
Tgt Ion:142 Resp: 1432
Ion Ratio Lower Upper
142 100
127 51.3 30.2 45.2#
141 6.6 11.3 16.9#



#11
Tert butyl alcohol
Concen: 42.936 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 59 Resp: 33680
Ion Ratio Lower Upper
59 100
57 0.7 7.4 11.2#

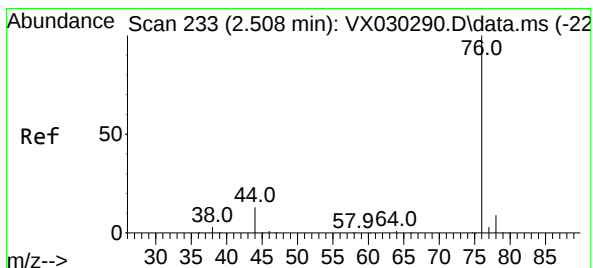
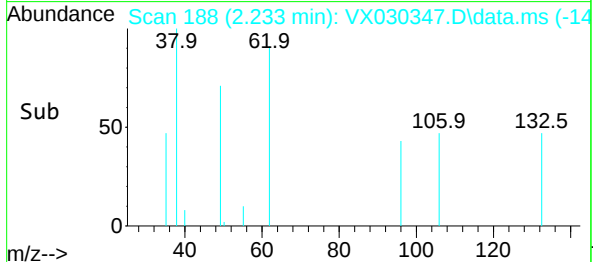
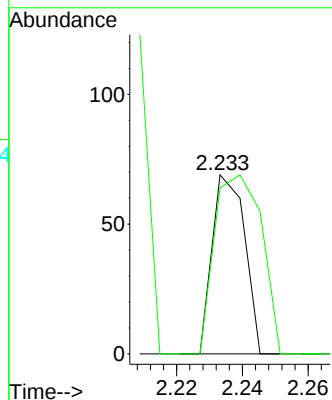
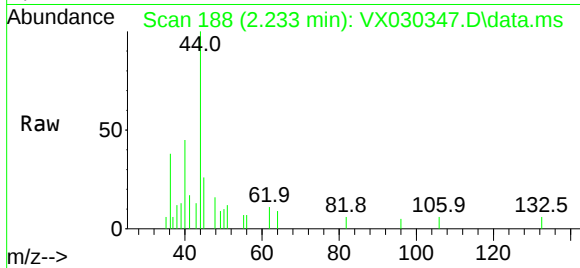




#13
Acrolein
Concen: 0.244 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

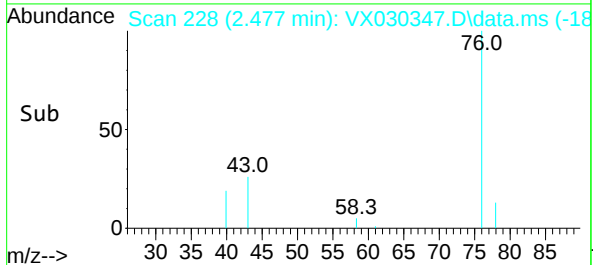
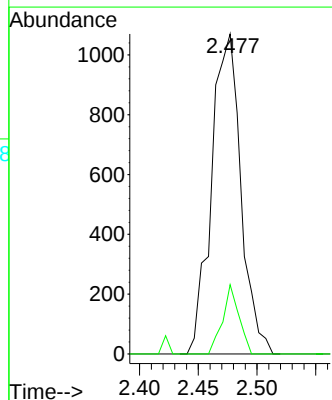
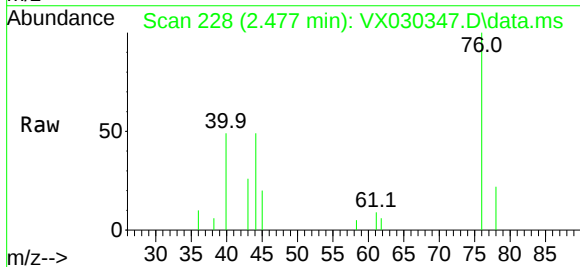
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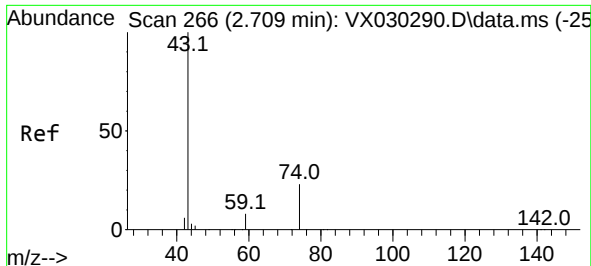
Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 146.8 56.6 84.8#



#17
Carbon Disulfide
Concen: 0.276 ug/l
RT: 2.477 min Scan# 228
Delta R.T. -0.030 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 76 Resp: 1864
Ion Ratio Lower Upper
76 100
78 21.7 7.8 11.6#

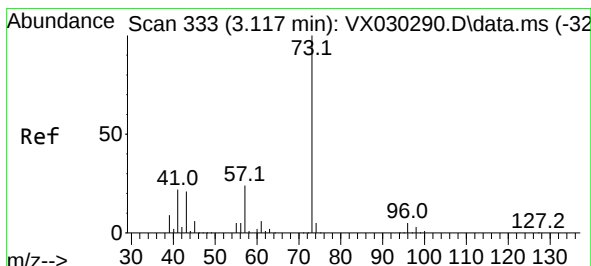
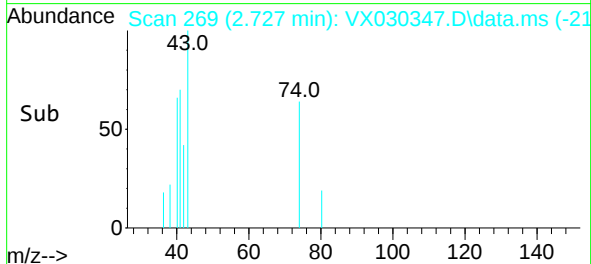
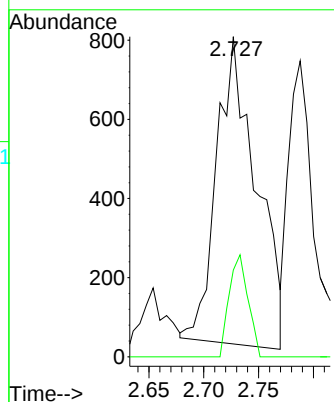
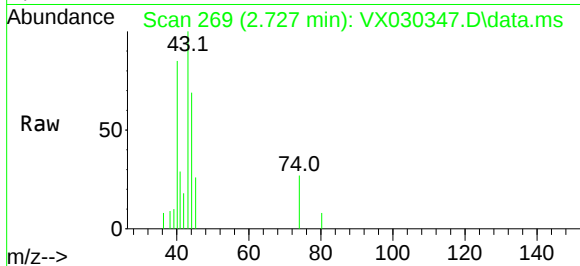




#18
Methyl Acetate
Concen: 0.400 ug/l
RT: 2.727 min Scan# 210
Delta R.T. 0.019 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

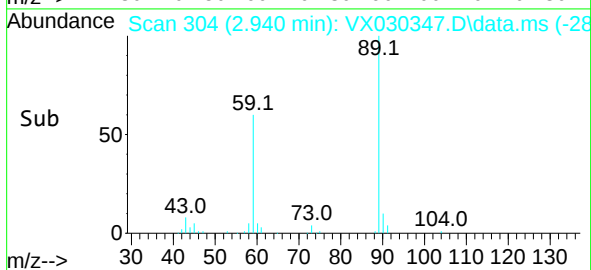
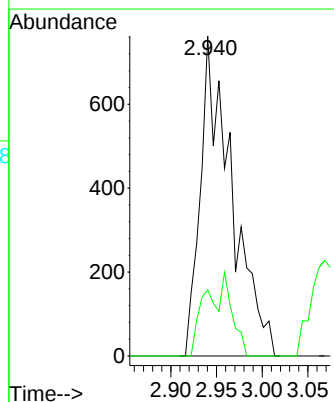
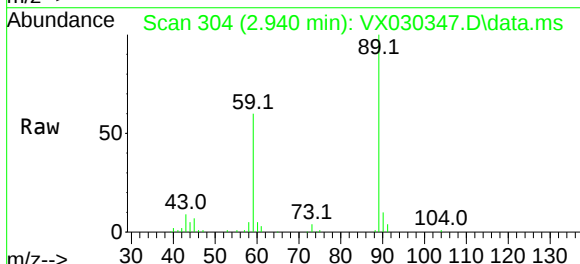
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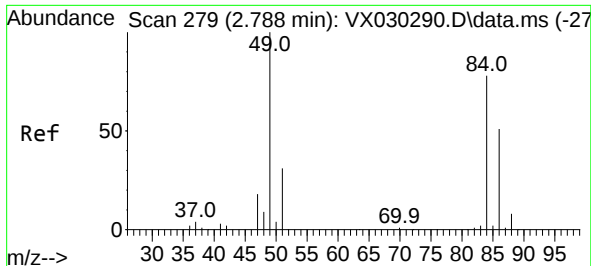
Tgt Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
74 15.8 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 0.211 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.177 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 73 Resp: 1808
Ion Ratio Lower Upper
73 100
57 20.7 19.0 28.6

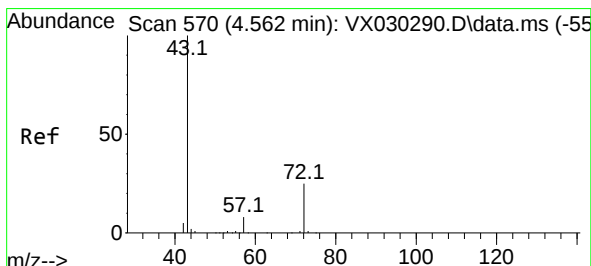
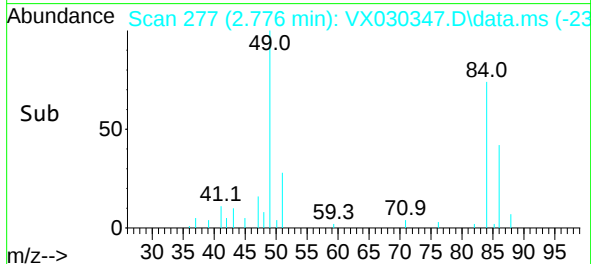
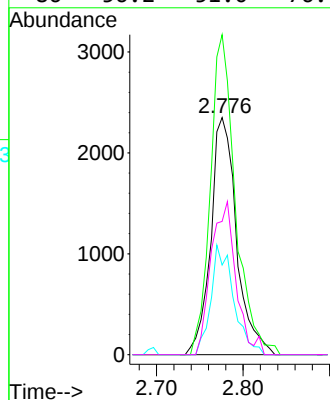
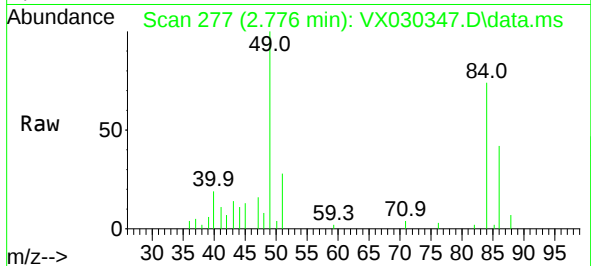




#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

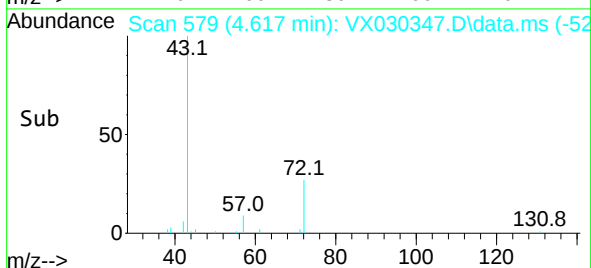
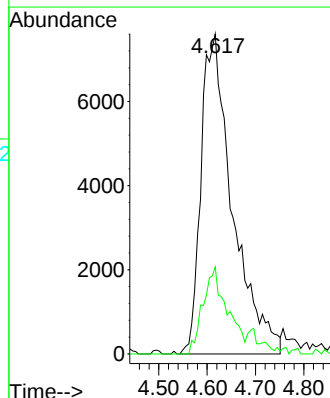
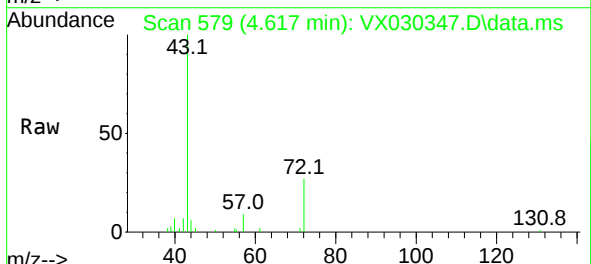
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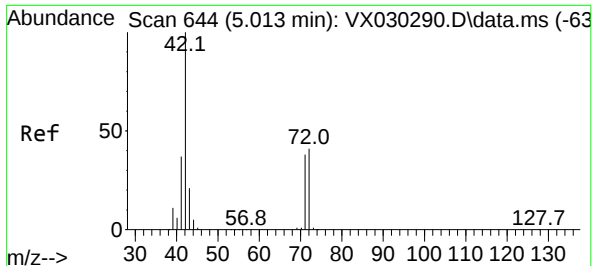
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Ion	Ratio	Lower	Upper
84	100		
49	135.0	93.8	140.6
51	37.8	29.4	44.0
86	56.2	51.0	76.4



#25
2-Butanone
Concen: 12.415 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.049 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion:	43	Resp:	34349
Ion	Ratio	Lower	Upper
43	100		
72	27.2	21.7	32.5





#29

Tetrahydrofuran

Concen: 1.292 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-B

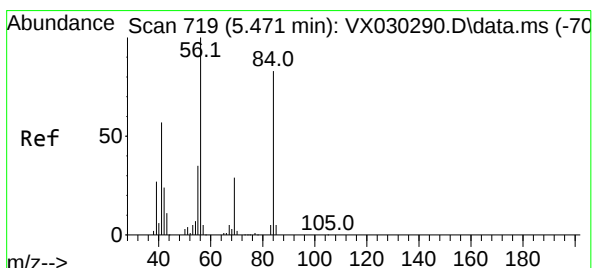
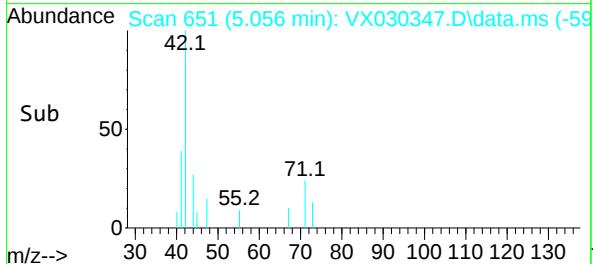
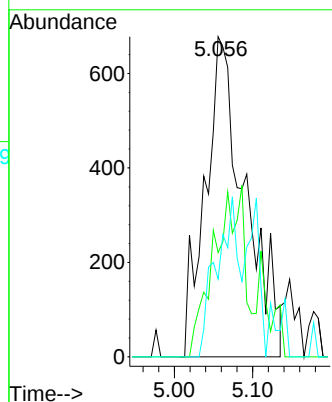
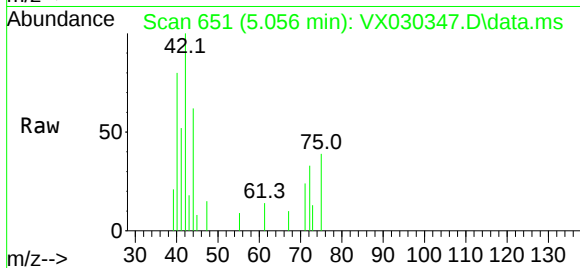
Tgt Ion: 42 Resp: 2405

Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 0.452 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

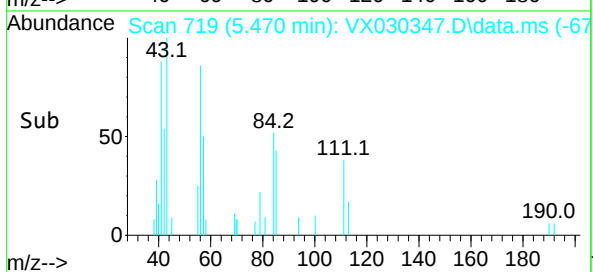
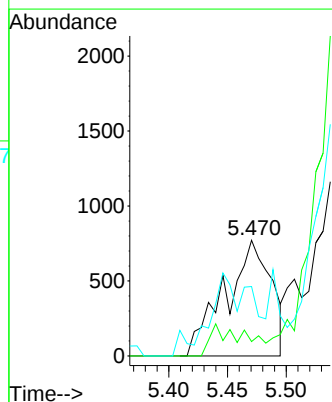
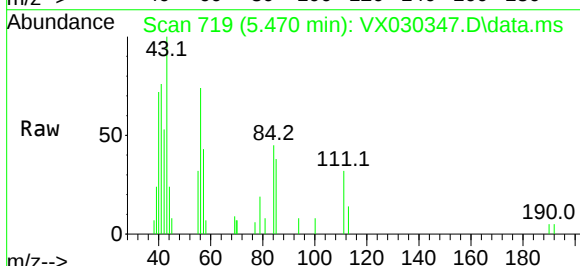
Tgt Ion: 56 Resp: 2110

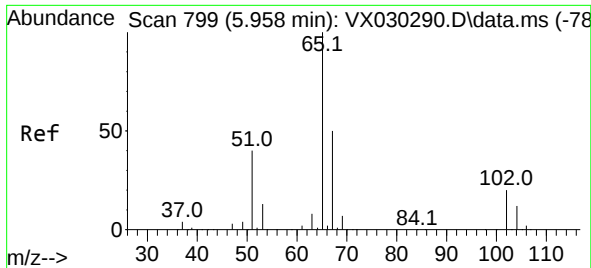
Ion Ratio Lower Upper

56 100

69 12.4 25.4 38.0#

84 37.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 57.508 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

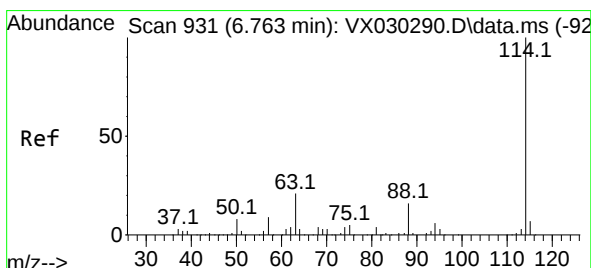
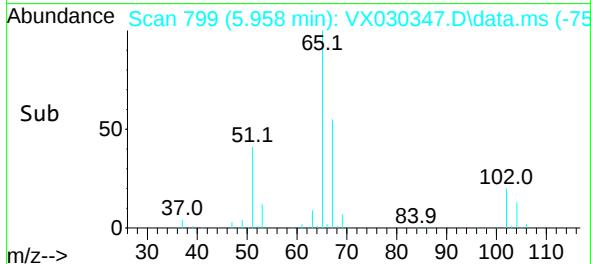
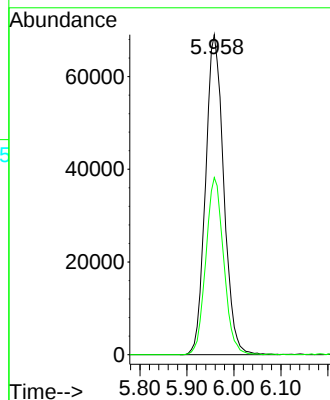
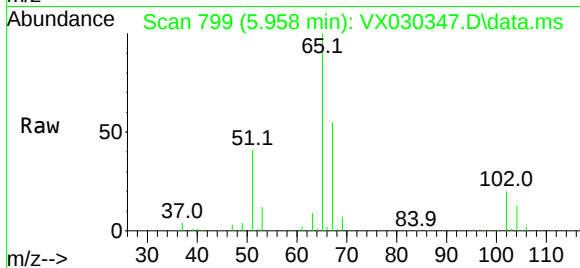
HMGP-SOIL-B

Tgt Ion: 65 Resp: 184934

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

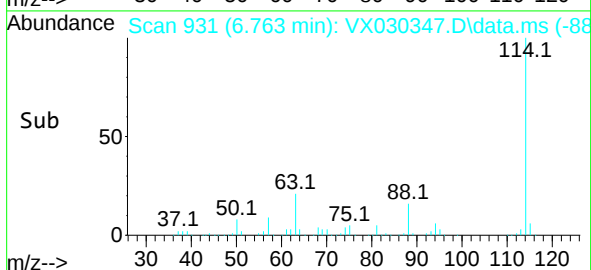
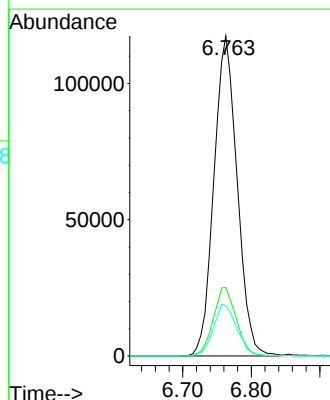
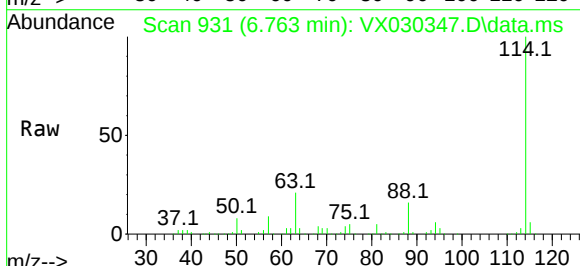
Tgt Ion: 114 Resp: 276183

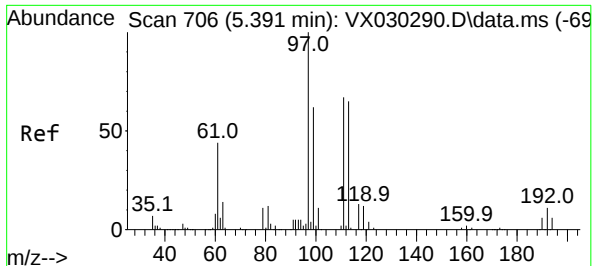
Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.771 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-B

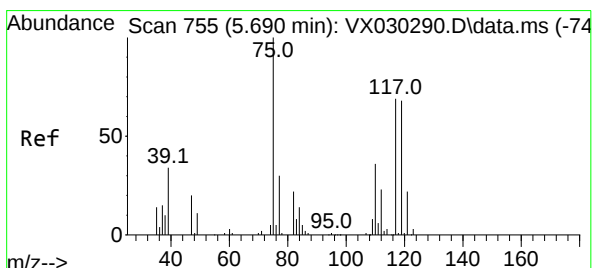
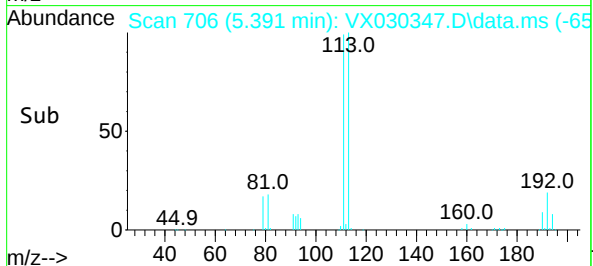
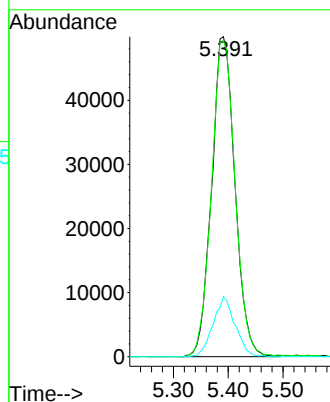
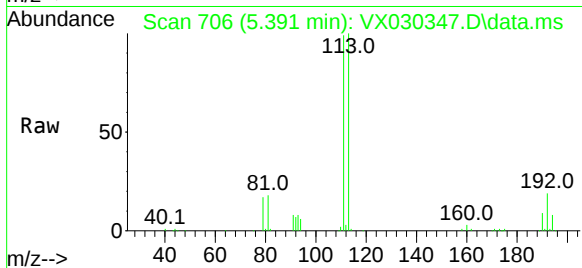
Tgt Ion:113 Resp: 147246

Ion Ratio Lower Upper

113 100

111 100.2 83.2 124.8

192 17.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.725 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

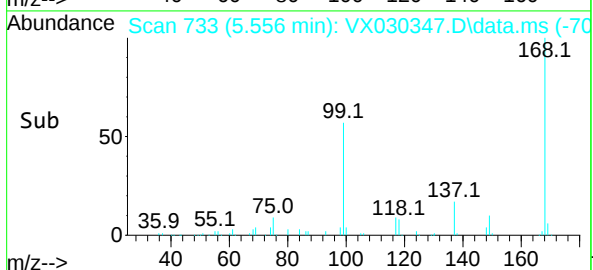
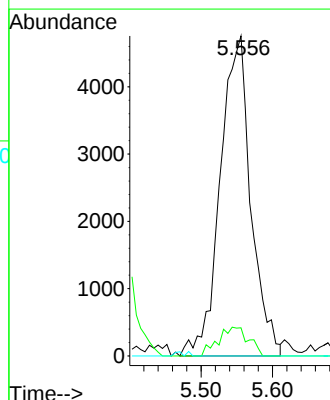
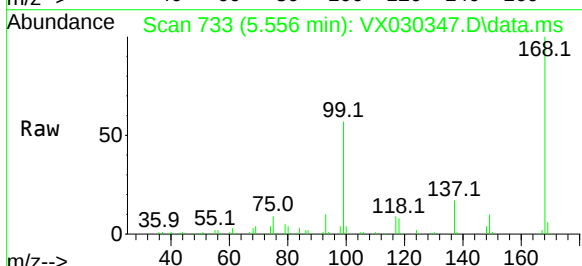
Tgt Ion: 75 Resp: 14152

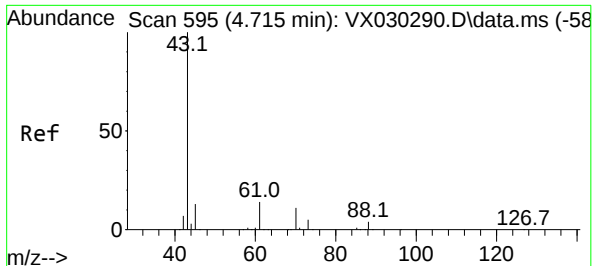
Ion Ratio Lower Upper

75 100

110 8.9 19.3 57.9#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 6.384 ug/l

RT: 4.617 min Scan# 51

Delta R.T. -0.103 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-B

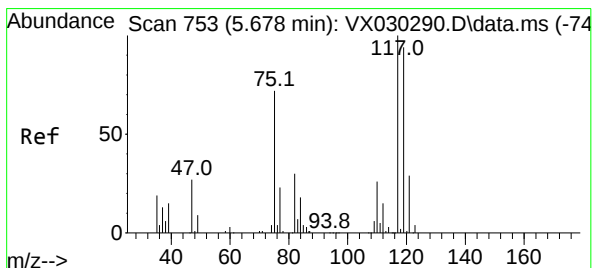
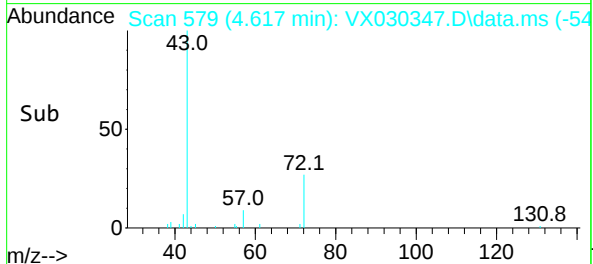
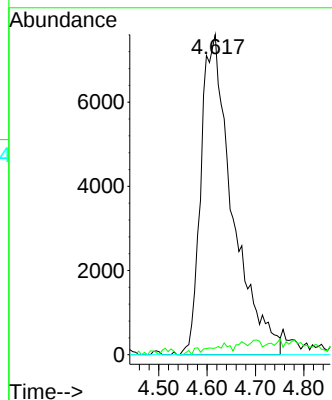
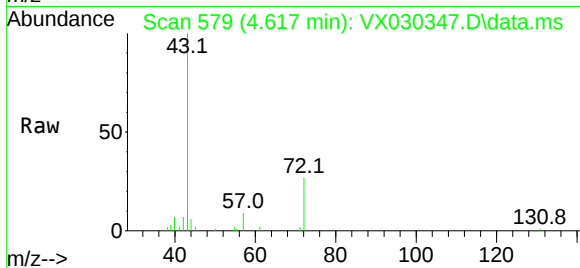
Tgt Ion: 43 Resp: 34349

Ion Ratio Lower Upper

43 100

61 1.3 11.7 17.5#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 4.557 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.139 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

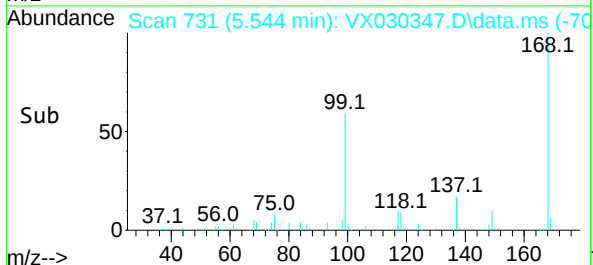
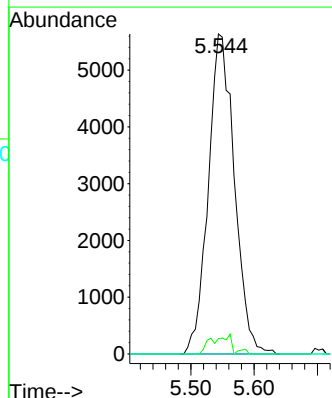
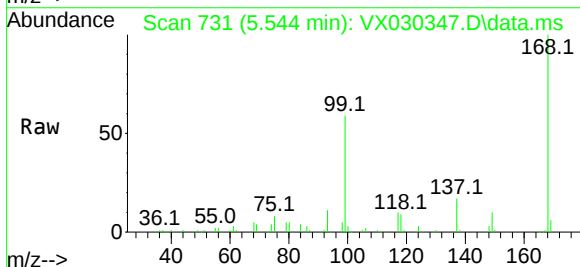
Tgt Ion: 117 Resp: 16163

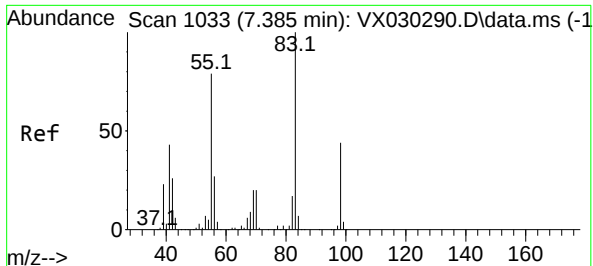
Ion Ratio Lower Upper

117 100

119 4.8 74.1 111.1#

121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 2.671 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.005 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-B

Tgt Ion: 83 Resp: 13100

Ion Ratio Lower Upper

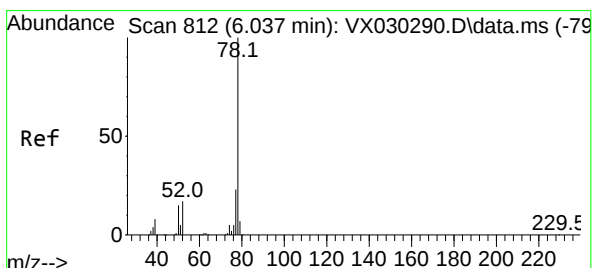
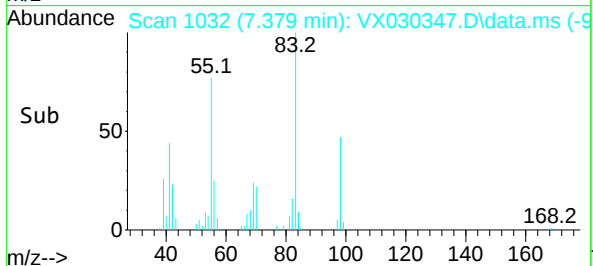
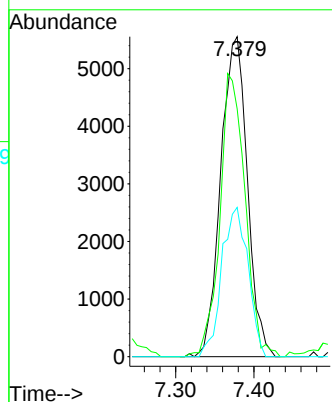
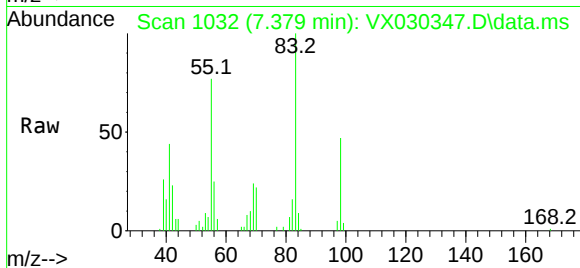
83 100

55 77.4

57.7 86.5

98 46.7

36.5 54.7



#40

Benzene

Concen: 0.862 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

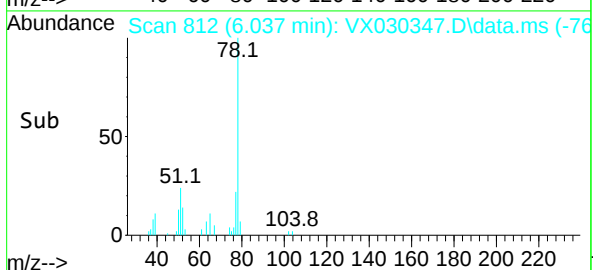
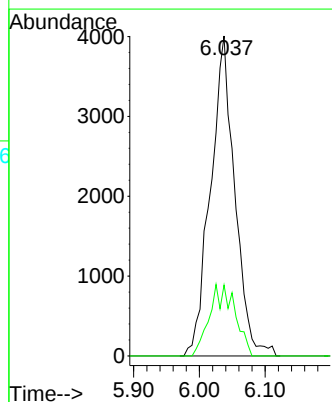
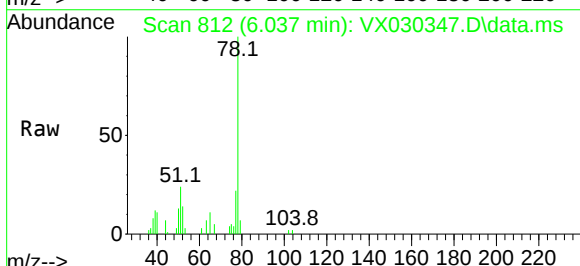
Tgt Ion: 78 Resp: 10303

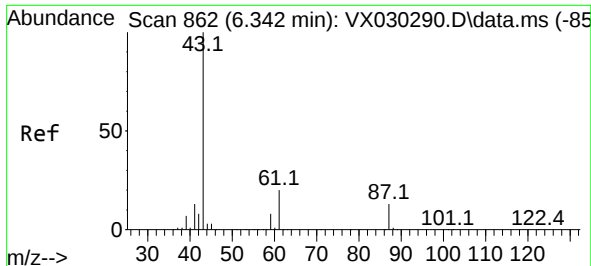
Ion Ratio Lower Upper

78 100

77 22.1

18.0 27.0

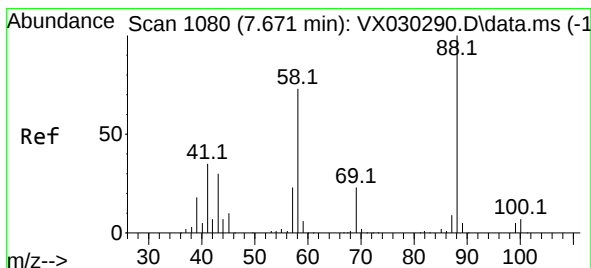
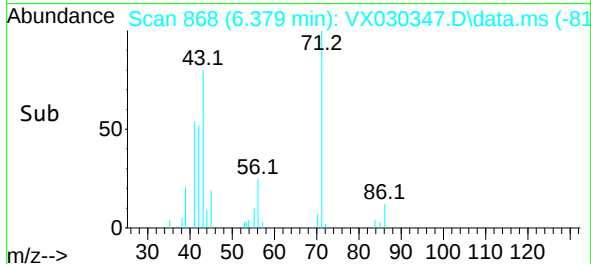
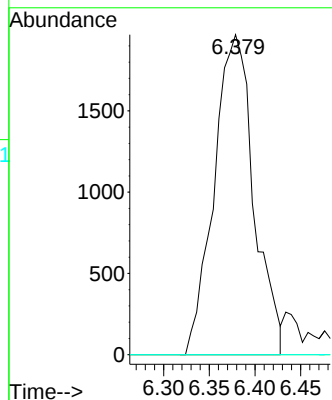
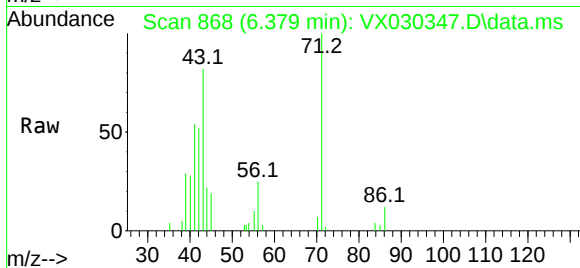




#43
Isopropyl Acetate
Concen: 0.755 ug/l
RT: 6.379 min Scan# 862
Delta R.T. 0.031 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

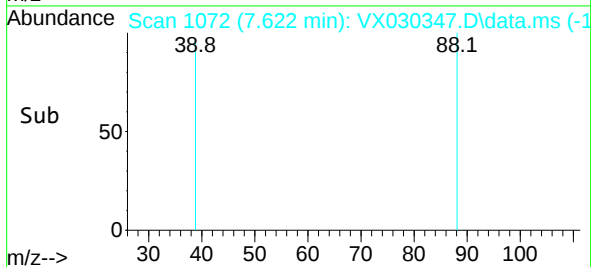
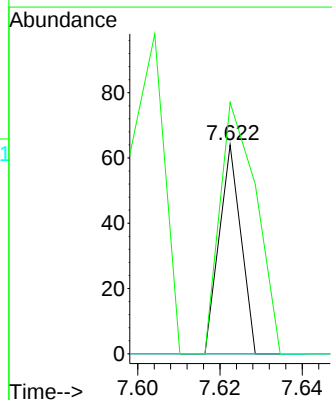
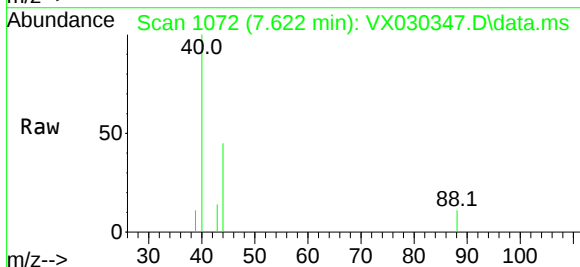
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-B

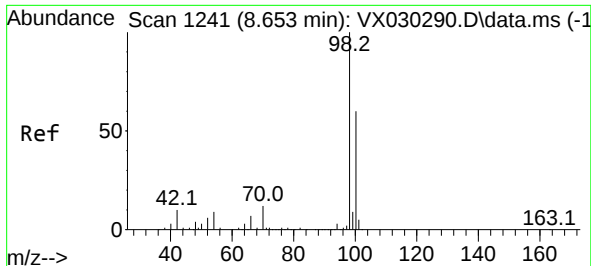
Tgt Ion: 43 Resp: 5956
Ion Ratio Lower Upper
43 100
61 0.0 16.5 24.7#
87 0.0 11.1 16.7#



#49
1,4-Dioxane
Concen: 0.257 ug/l
RT: 7.622 min Scan# 1072
Delta R.T. -0.043 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

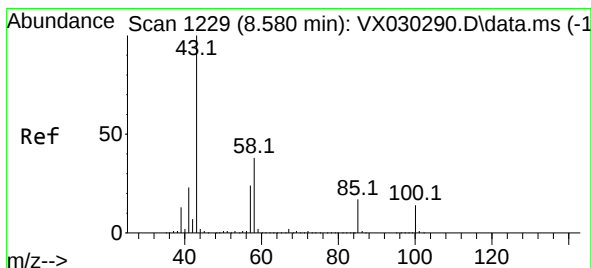
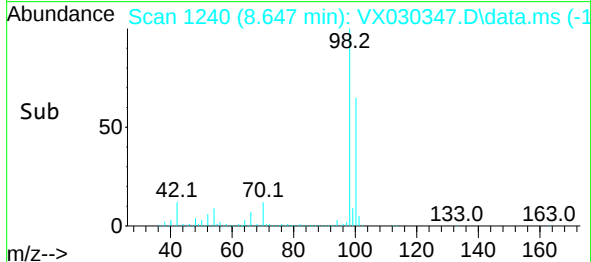
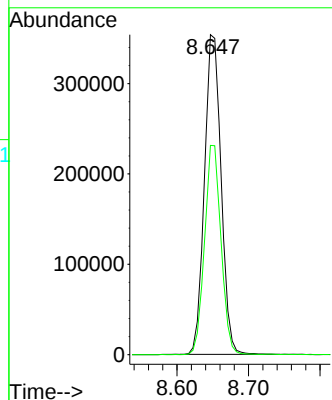
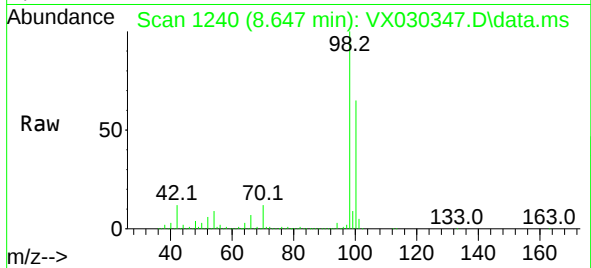




#50
Toluene-d8
Concen: 56.015 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

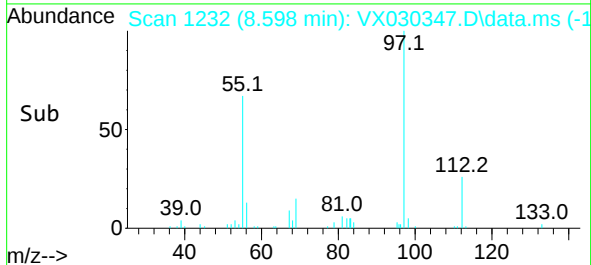
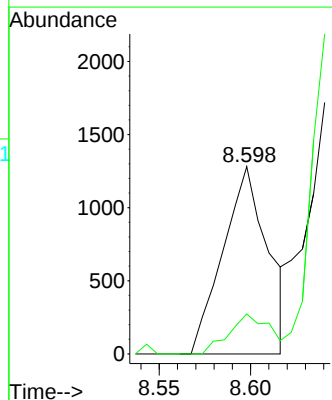
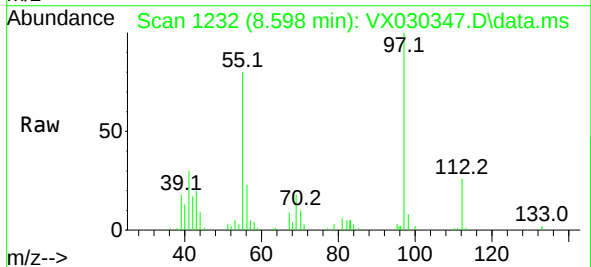
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-B

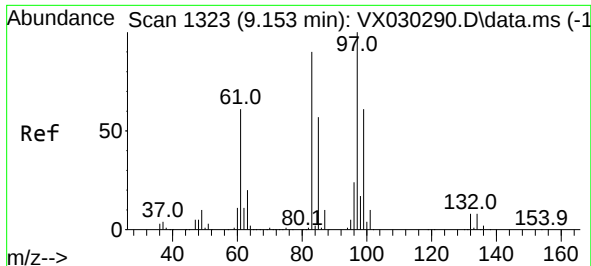
Tgt Ion: 98 Resp: 572725
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.407 ug/l
RT: 8.598 min Scan# 1232
Delta R.T. 0.019 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
58 19.3 31.4 47.2#

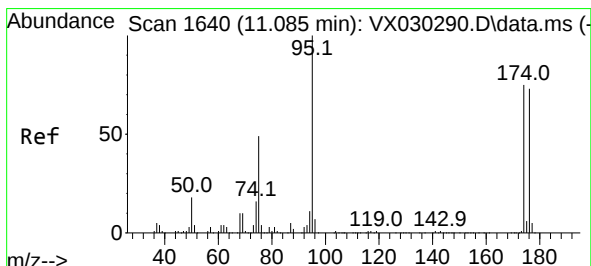
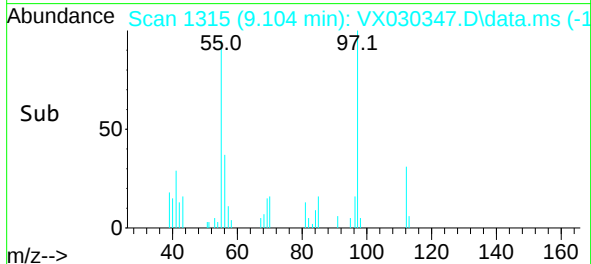
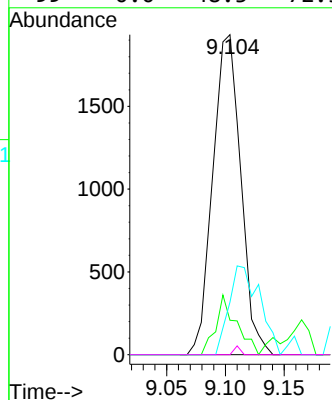
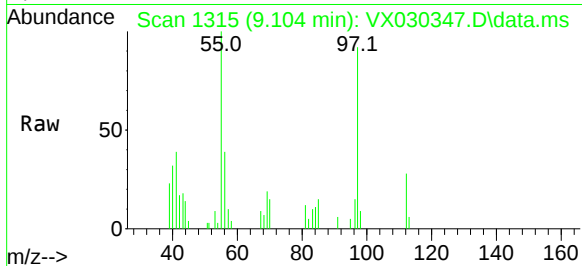




#55
1,1,2-Trichloroethane
Concen: 1.031 ug/l
RT: 9.104 min Scan# 11
Delta R.T. -0.054 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

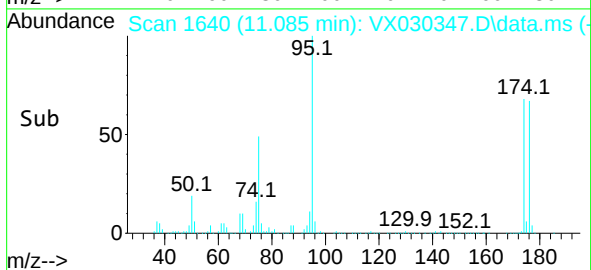
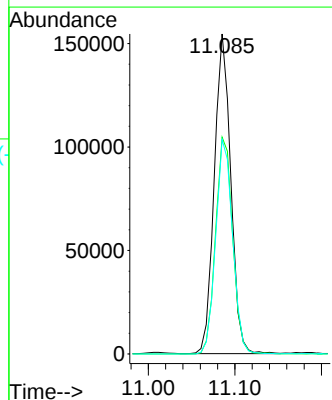
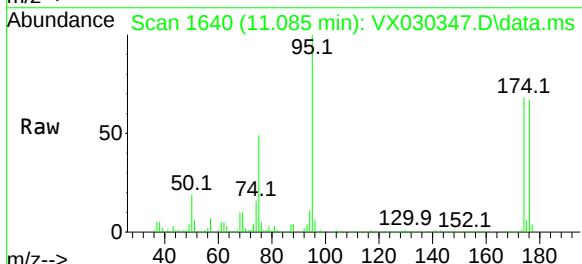
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-B

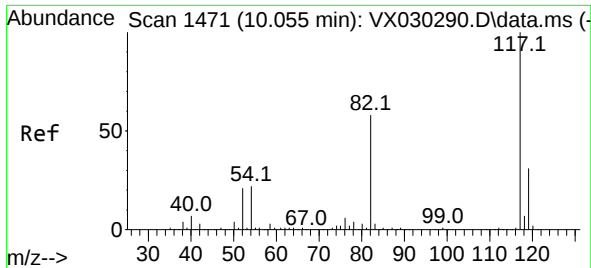
Tgt Ion: 97	Resp: 3203
Ion Ratio	Lower Upper
97 100	
83 10.8	68.9 103.3#
85 16.4	44.0 66.0#
99 0.0	48.3 72.5#



#62
4-Bromofluorobenzene
Concen: 53.910 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 95	Resp: 204564
Ion Ratio	Lower Upper
95 100	
174 70.1	0.0 149.0
176 68.6	0.0 146.0

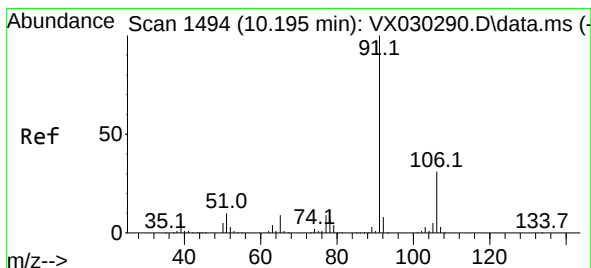
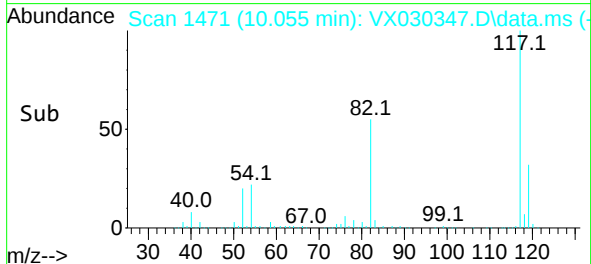
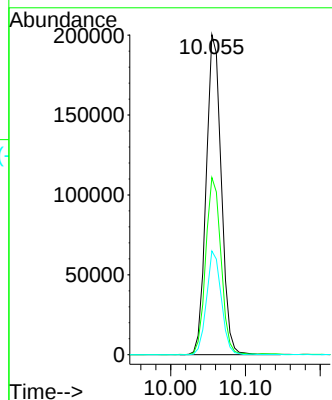
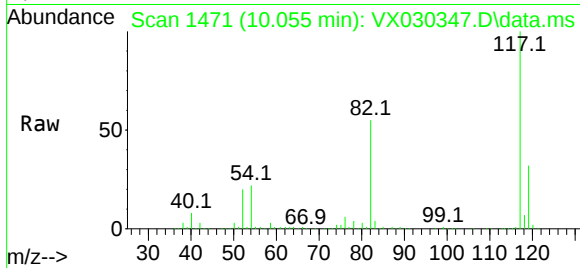




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

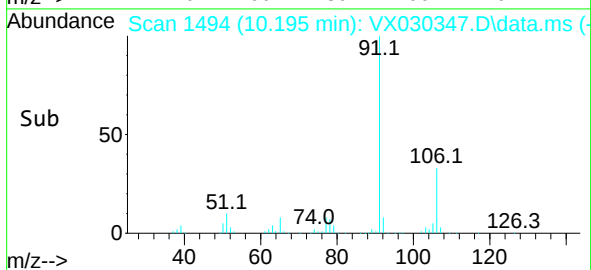
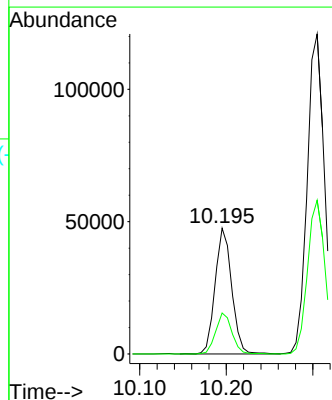
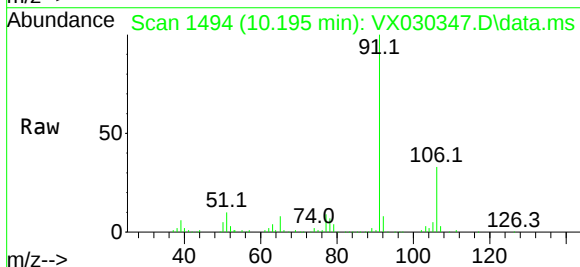
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-B

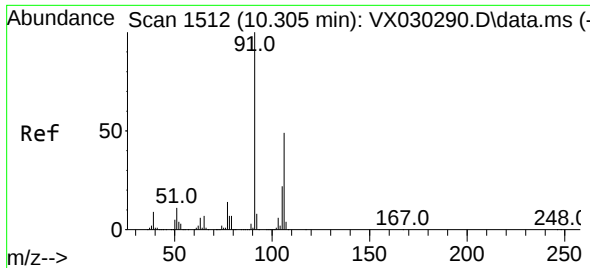
Tgt Ion:117 Resp: 280783
Ion Ratio Lower Upper
117 100
82 55.3 42.7 64.1
119 32.4 25.4 38.2



#67
Ethyl Benzene
Concen: 3.628 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 91 Resp: 63355
Ion Ratio Lower Upper
91 100
106 32.6 25.5 38.3

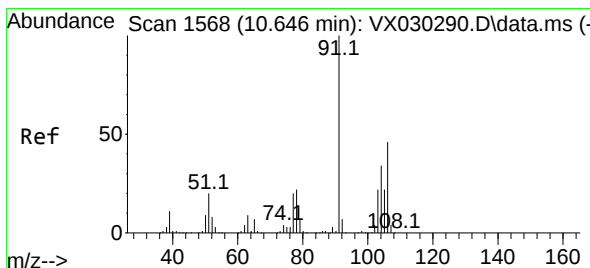
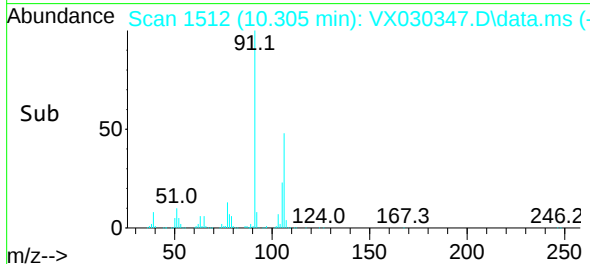
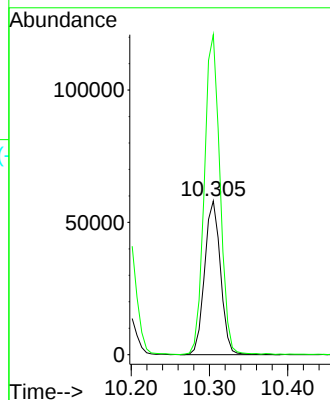
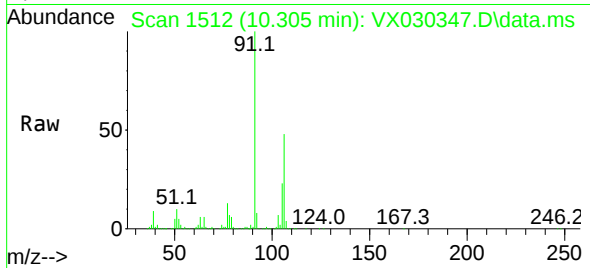




#68
m/p-Xylenes
Concen: 15.794 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

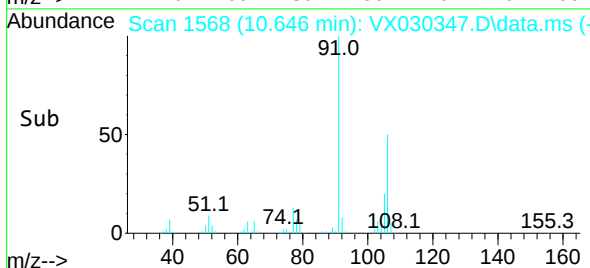
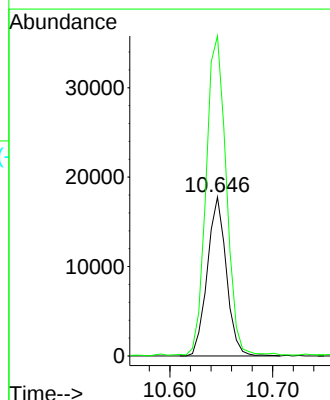
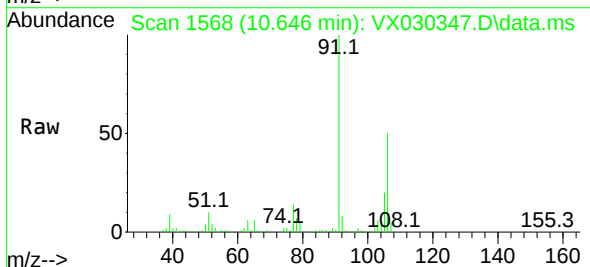
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-B

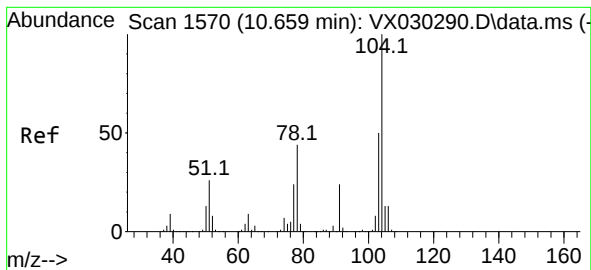
Tgt Ion:106 Resp: 81604
Ion Ratio Lower Upper
106 100
91 205.2 158.2 237.4



#69
o-Xylene
Concen: 4.508 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion:106 Resp: 22959
Ion Ratio Lower Upper
106 100
91 211.9 103.8 311.6





#70

Styrene

Concen: 0.387 ug/l

RT: 10.658 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-B

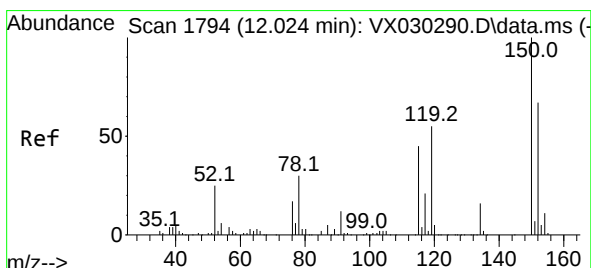
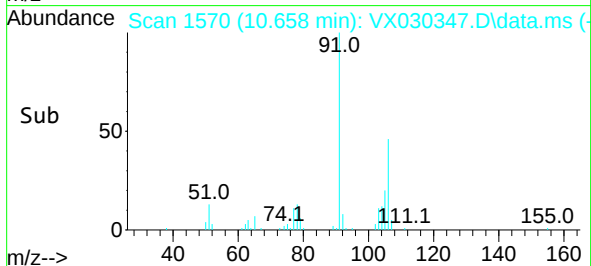
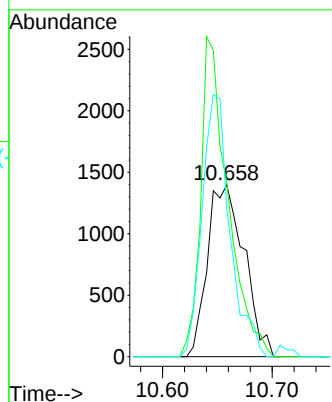
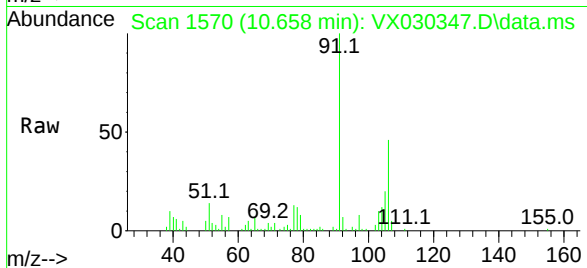
Tgt Ion:104 Resp: 3240

Ion Ratio Lower Upper

104 100

78 137.3 37.8 56.8#

103 116.4 44.5 66.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

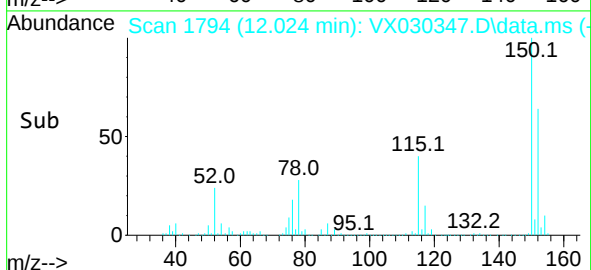
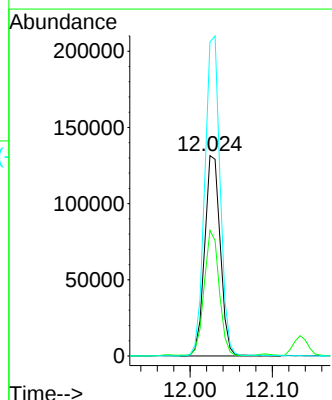
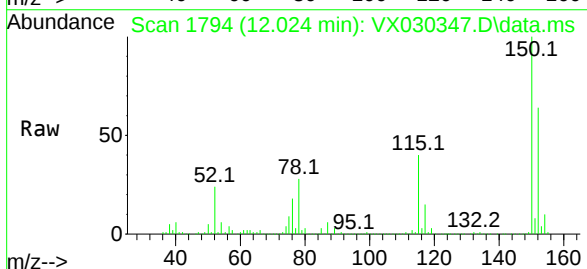
Tgt Ion:152 Resp: 173117

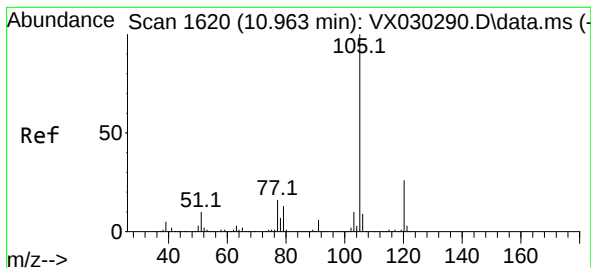
Ion Ratio Lower Upper

152 100

115 60.3 40.5 121.5

150 157.3 0.0 347.0





#73

Isopropylbenzene

Concen: 1.128 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

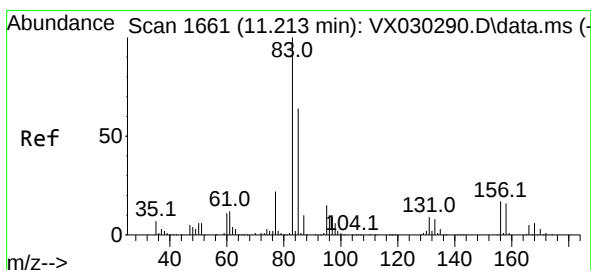
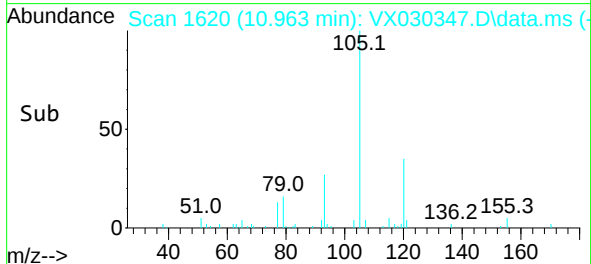
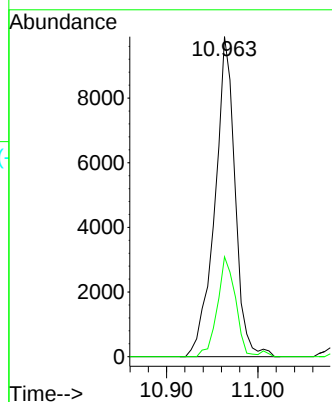
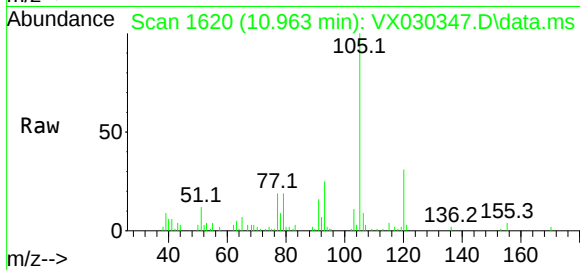
HMGP-SOIL-B

Tgt Ion:105 Resp: 15240

Ion Ratio Lower Upper

105 100

120 27.9 13.5 40.4



#75

1,1,2,2-Tetrachloroethane

Concen: 0.295 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

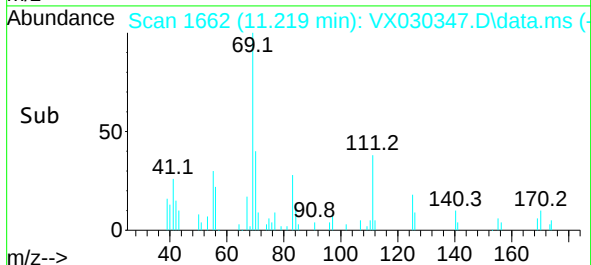
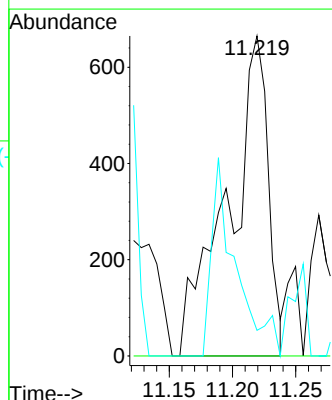
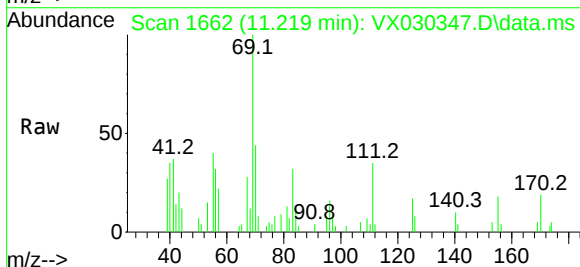
Tgt Ion: 83 Resp: 1461

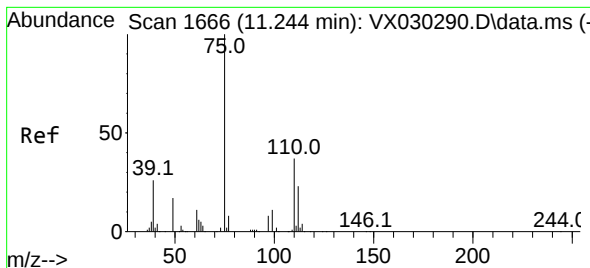
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

85 0.0 32.5 97.5#





#76

1,2,3-Trichloropropane

Concen: 21.915 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

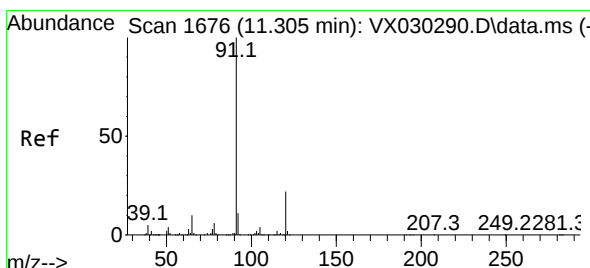
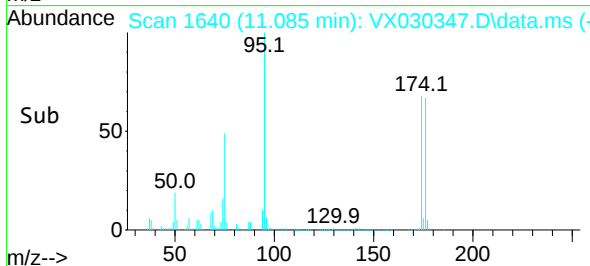
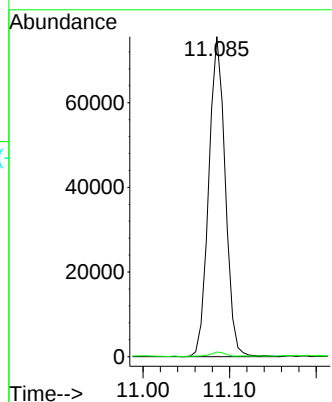
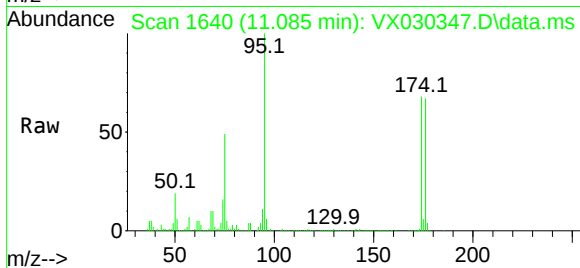
HMGP-SOIL-B

Tgt Ion: 75 Resp: 100003

Ion Ratio Lower Upper

75 100

77 1.6 19.8 59.3#



#78

n-propylbenzene

Concen: 2.411 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.005 min

Lab File: VX030347.D

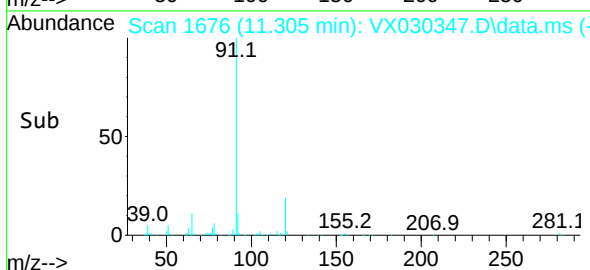
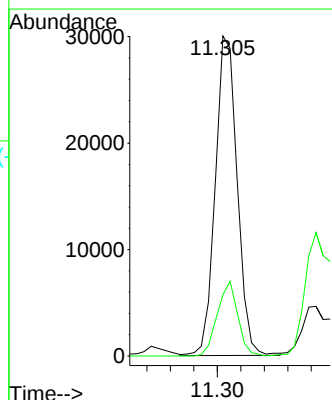
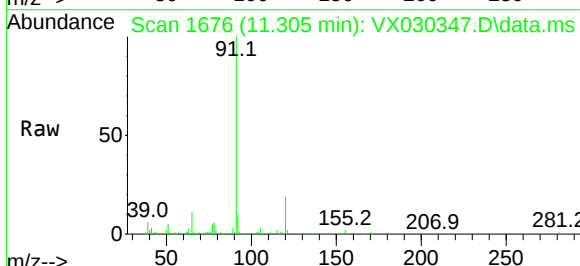
Acq: 02 Aug 2022 13:10

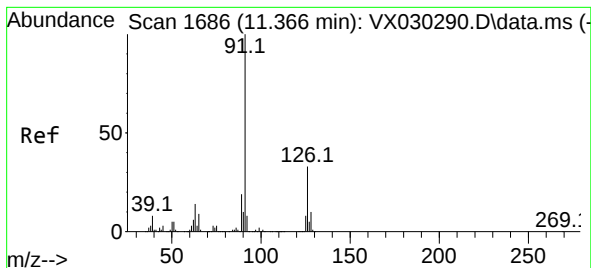
Tgt Ion: 91 Resp: 38882

Ion Ratio Lower Upper

91 100

120 21.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 0.934 ug/l

RT: 11.384 min Scan# 1

Delta R.T. 0.019 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

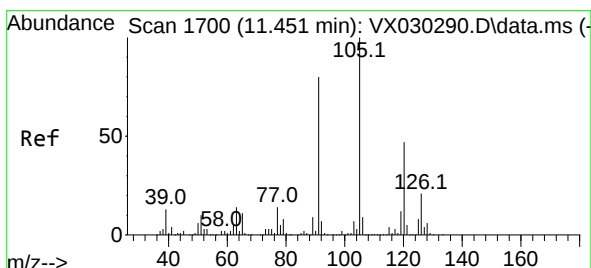
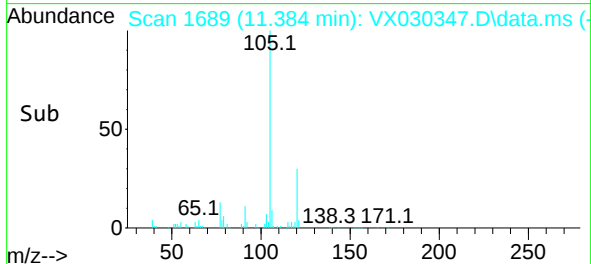
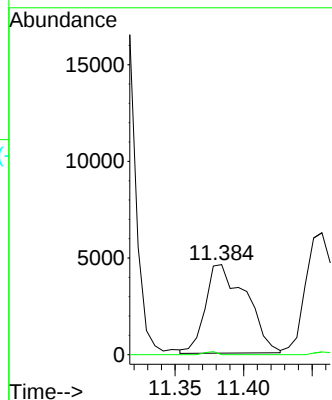
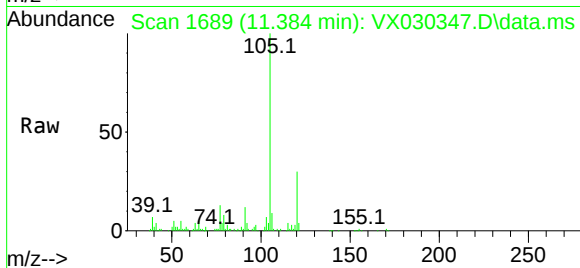
HMGP-SOIL-B

Tgt Ion: 91 Resp: 9518

Ion Ratio Lower Upper

91 100

126 1.0 17.4 52.3#



#80

1,3,5-Trimethylbenzene

Concen: 6.367 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX030347.D

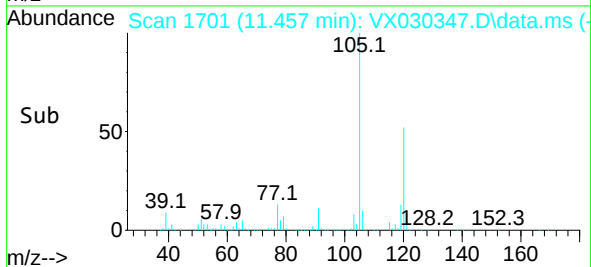
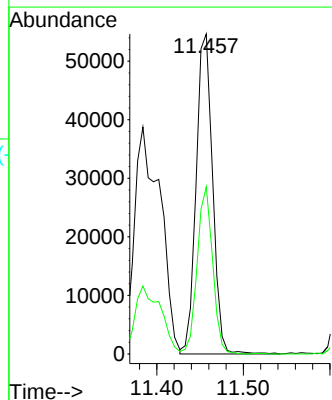
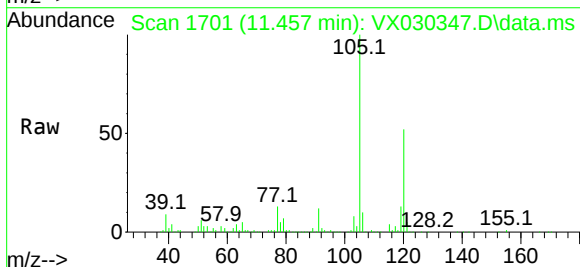
Acq: 02 Aug 2022 13:10

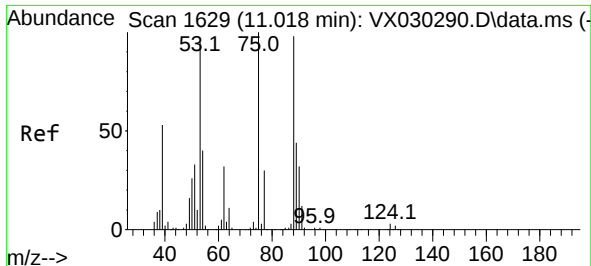
Tgt Ion: 105 Resp: 72053

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.2

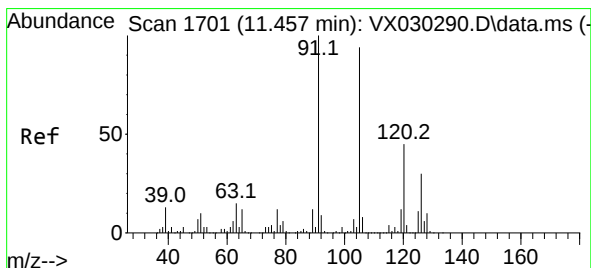
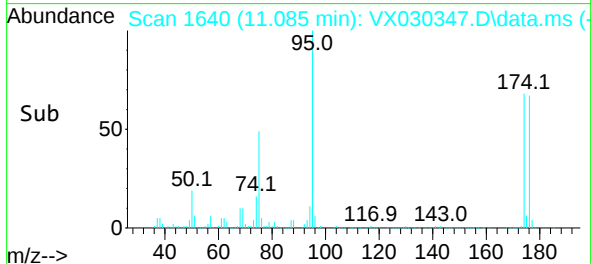
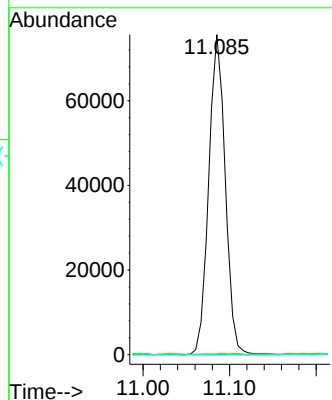
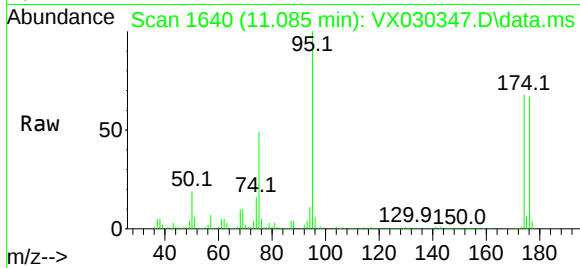




#81
trans-1,4-Dichloro-2-butene
Concen: 65.743 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

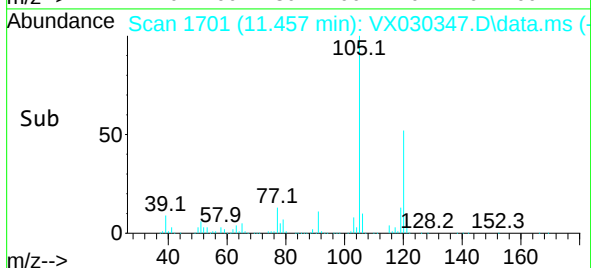
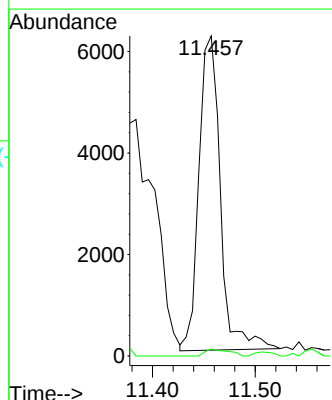
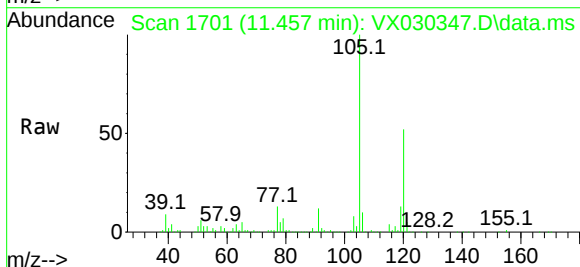
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-B

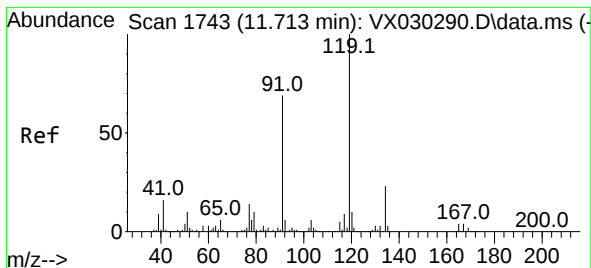
Tgt Ion: 75 Resp: 100003
Ion Ratio Lower Upper
75 100
53 0.5 74.2 111.4#
89 0.0 34.8 52.2#



#82
4-Chlorotoluene
Concen: 0.809 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 91 Resp: 8999
Ion Ratio Lower Upper
91 100
126 2.4 15.3 45.9#





#83

tert-Butylbenzene

Concen: 0.966 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.256 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

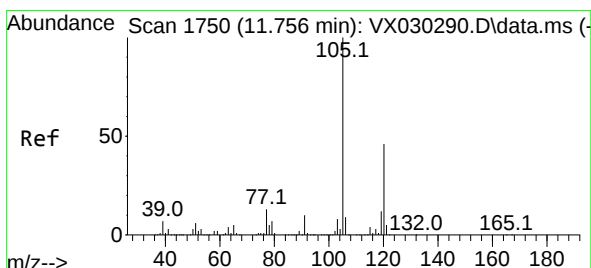
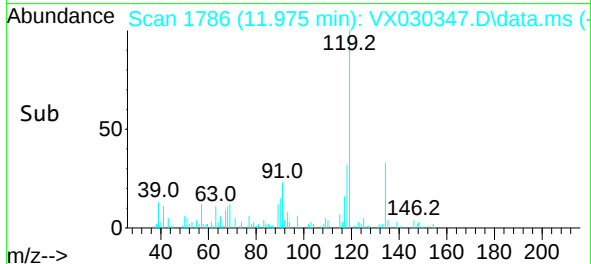
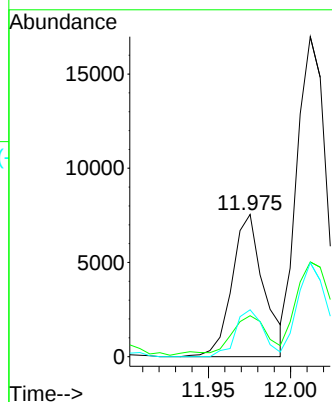
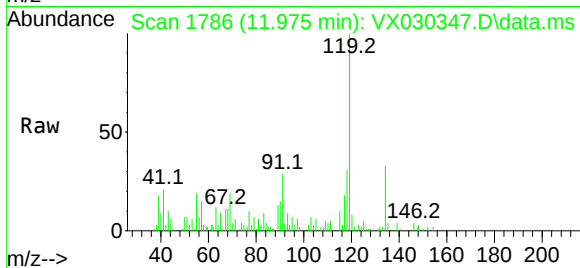
Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-B

Tgt Ion:119	Resp:	10130
Ion Ratio	Lower	Upper
119	100	
91	32.3	28.3 84.9
134	29.2	11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 12.008 ug/l

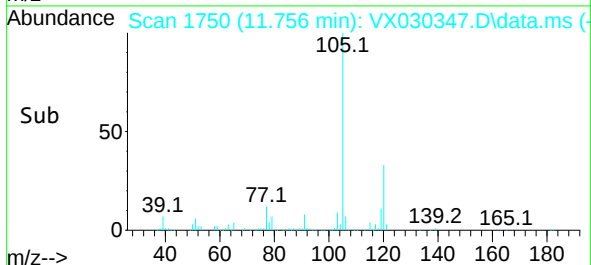
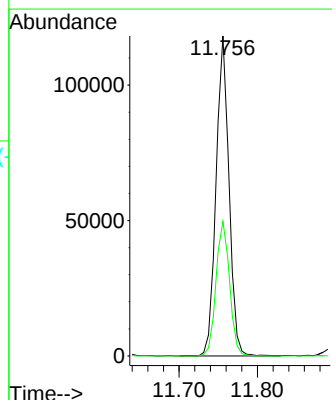
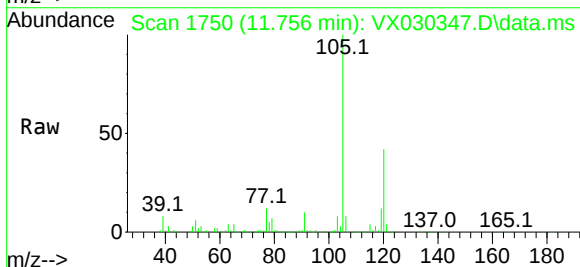
RT: 11.756 min Scan# 1750

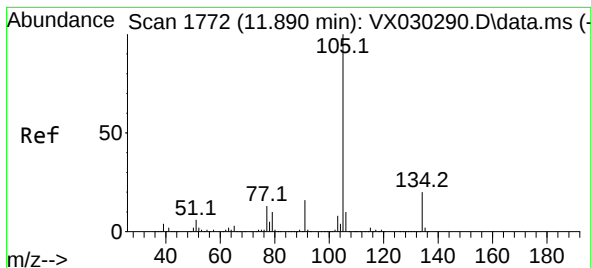
Delta R.T. -0.000 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Tgt Ion:105	Resp:	135567
Ion Ratio	Lower	Upper
105	100	
120	43.9	22.9 68.8





#85

sec-Butylbenzene

Concen: 9.443 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.140 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

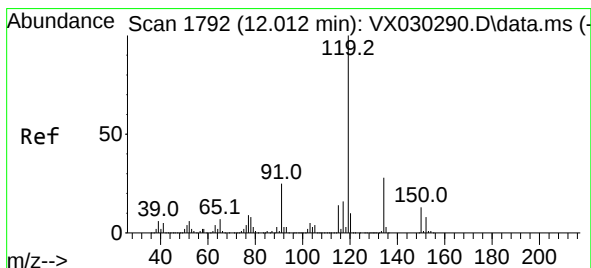
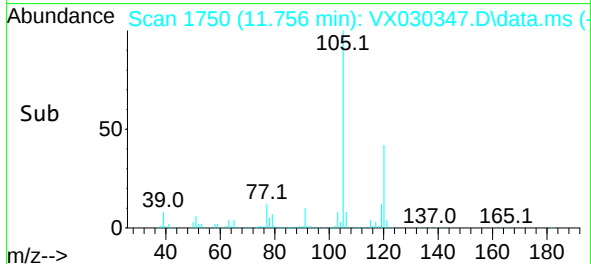
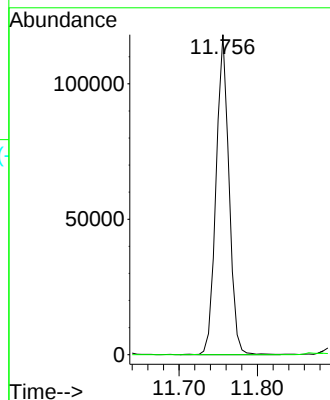
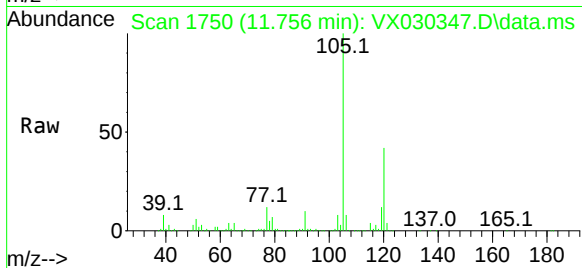
HMGP-SOIL-B

Tgt Ion:105 Resp: 135567

Ion Ratio Lower Upper

105 100

134 0.0 10.0 30.0#



#86

p-Isopropyltoluene

Concen: 1.824 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

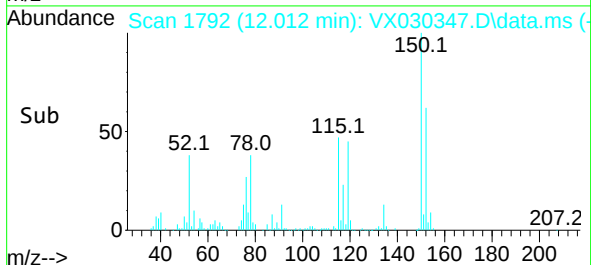
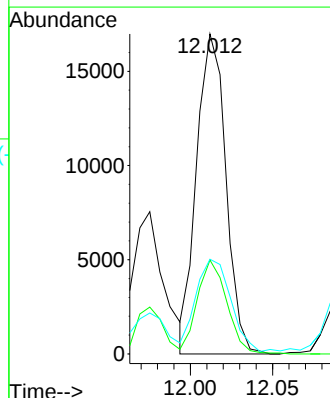
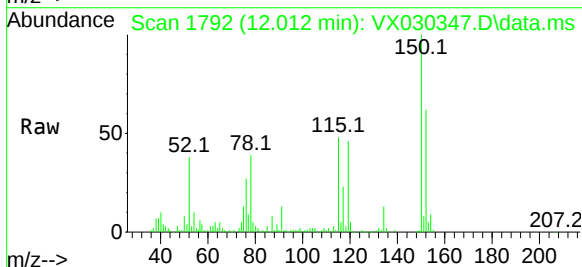
Tgt Ion:119 Resp: 20946

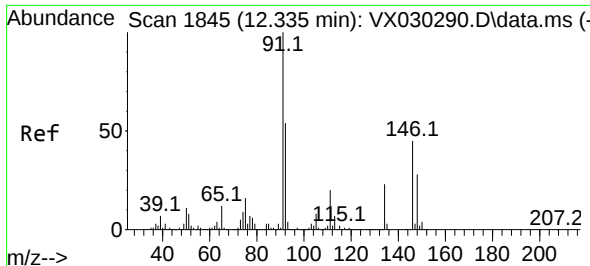
Ion Ratio Lower Upper

119 100

134 29.7 13.9 41.6

91 33.8 11.8 35.3

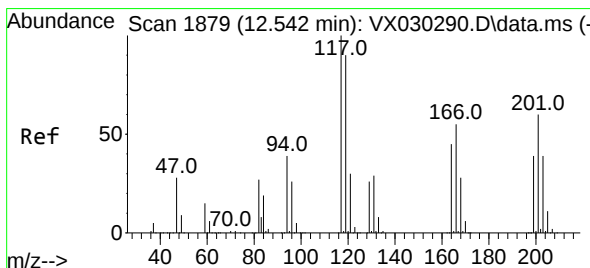
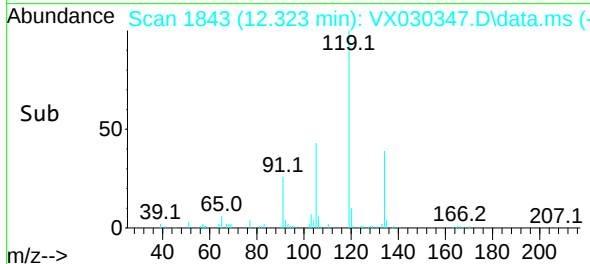
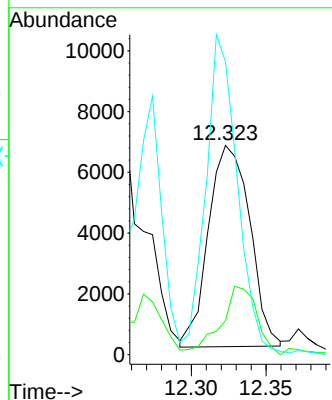
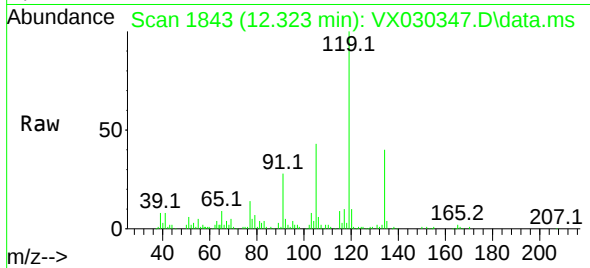




#89
n-Butylbenzene
Concen: 1.195 ug/l
RT: 12.323 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

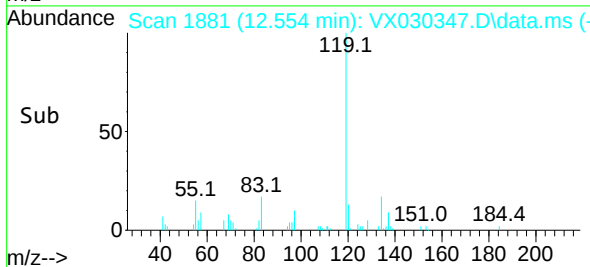
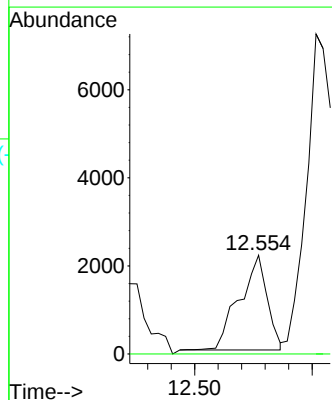
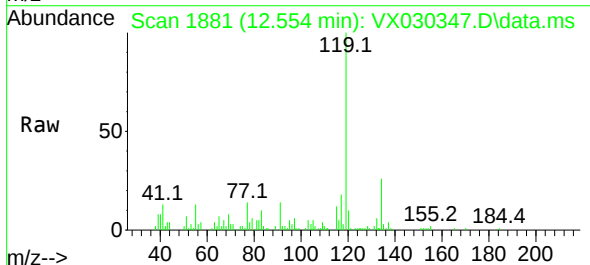
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MSVOA_X
ClientSampleId :
HMGP-SOIL-B

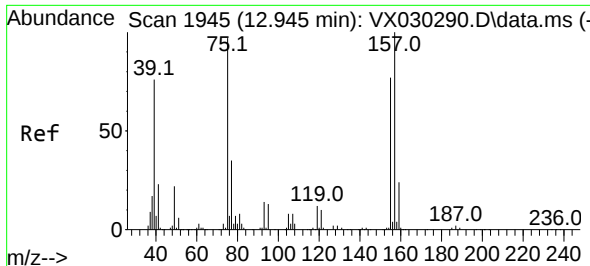
Tgt Ion: 91 Resp: 12774
Ion Ratio Lower Upper
91 100
92 28.9 26.2 78.5
134 120.2 12.6 37.8#



#90
Hexachloroethane
Concen: 1.795 ug/l
RT: 12.554 min Scan# 1881
Delta R.T. 0.012 min
Lab File: VX030347.D
Acq: 02 Aug 2022 13:10

Tgt Ion: 117 Resp: 3550
Ion Ratio Lower Upper
117 100
201 0.0 34.2 102.5#

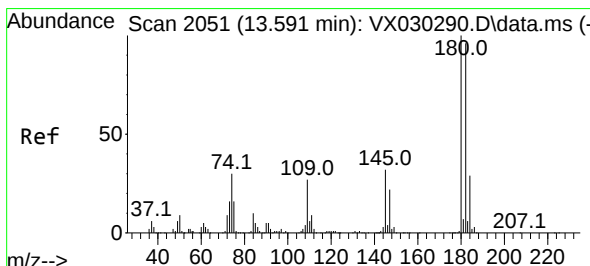
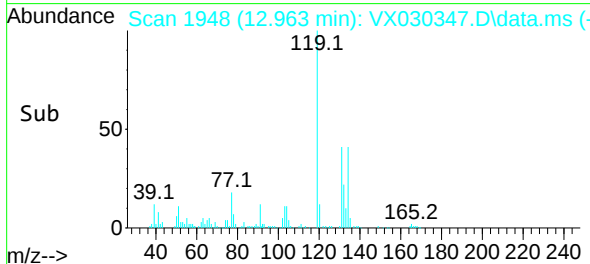
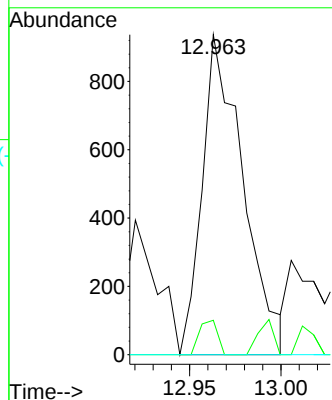
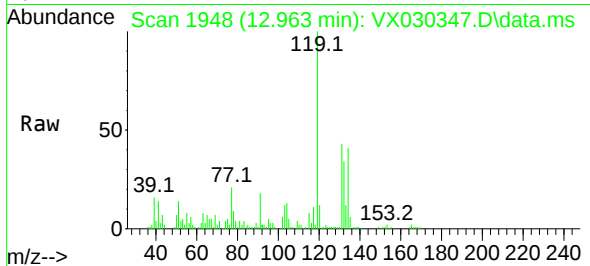




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.227 ug/l
 RT: 12.963 min Scan# 1948
 Delta R.T. 0.019 min
 Lab File: VX030347.D
 Acq: 02 Aug 2022 13:10

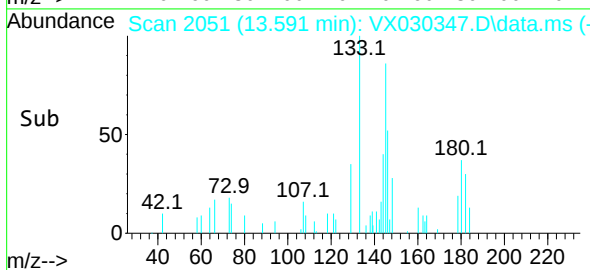
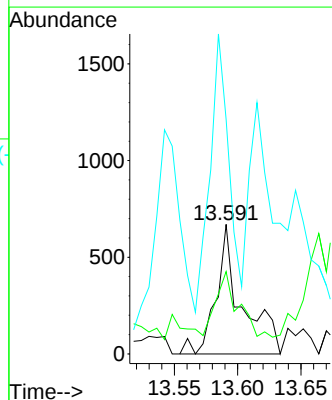
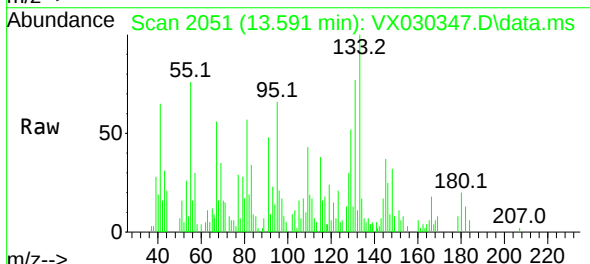
Instrument :
 MSVOA_X
 ClientSampleId :
 HMGP-SOIL-B

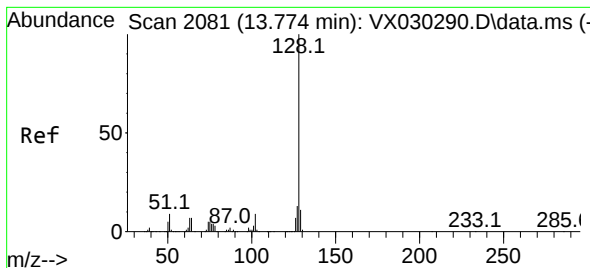
Tgt Ion: 75 Resp: 1456
 Ion Ratio Lower Upper
 75 100
 155 4.8 45.0 134.8#
 157 0.0 56.9 170.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.268 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX030347.D
 Acq: 02 Aug 2022 13:10

Tgt Ion: 180 Resp: 940
 Ion Ratio Lower Upper
 180 100
 182 43.7 48.2 144.6#
 145 160.1 15.9 47.6#





#95

Naphthalene

Concen: 433.758 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-B

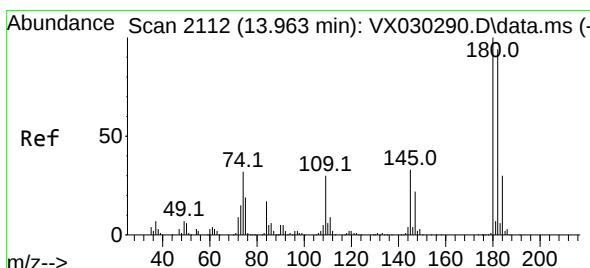
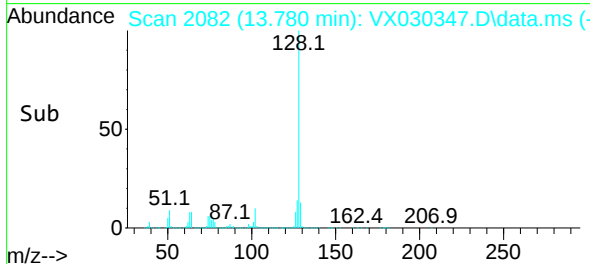
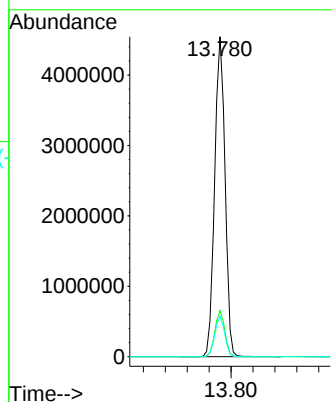
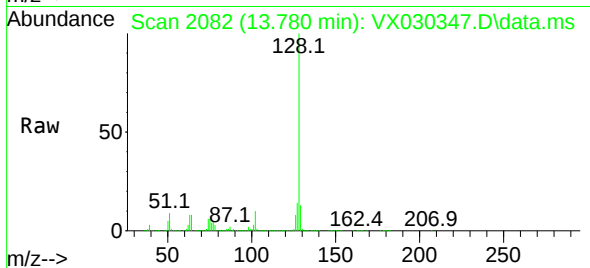
Tgt Ion:128 Resp: 5949475

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

129 12.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.283 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.001 min

Lab File: VX030347.D

Acq: 02 Aug 2022 13:10

Tgt Ion:180 Resp: 1020

Ion Ratio Lower Upper

180 100

182 58.0 47.0 141.0

145 134.6 17.0 50.9#

