

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	
3) Chloromethane	1.288	50	652	0.239	ug/l #	48
5) Bromomethane	1.593	94	890	Below Cal		88
10) Methyl Iodide	2.428	142	1402	2.043	ug/l #	90
11) Tert butyl alcohol	2.946	59	39043	47.281	ug/l #	77
13) Acrolein	2.233	56	104	0.512	ug/l #	42
15) Acrylonitrile	2.940	53	583	0.286	ug/l #	18
17) Carbon Disulfide	2.471	76	2012	0.283	ug/l	97
18) Methyl Acetate	2.727	43	2556	0.499	ug/l	99
20) Methylene Chloride	2.776	84	5963	Below Cal		96
25) 2-Butanone	4.617	43	35013	12.022	ug/l	90
29) Tetrahydrofuran	5.062	42	2035	1.038	ug/l #	73
31) Cyclohexane	5.458	56	1136	0.231	ug/l	92
36) 1,1-Dichloropropene	5.549	75	13547	3.356	ug/l #	49
37) Ethyl Acetate	4.617	43	35013	6.124	ug/l #	70
38) Carbon Tetrachloride	5.549	117	17947	4.762	ug/l #	19
39) Methylcyclohexane	7.378	83	10262	1.969	ug/l	92
40) Benzene	6.031	78	8776	0.691	ug/l #	80
43) Isopropyl Acetate	6.366	43	6800	0.811	ug/l #	60
49) 1,4-Dioxane	7.433	88	21	0.220	ug/l #	1
51) 4-Methyl-2-Pentanone	8.598	43	1781	0.313	ug/l #	84
55) 1,1,2-Trichloroethane	9.104	97	2600	0.788	ug/l #	32
59) 2-Hexanone	9.390	43	3621	0.807	ug/l #	28
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
70) Styrene	10.658	104	3842	0.447	ug/l #	1
73) Isopropylbenzene	10.963	105	16128	1.167	ug/l	84
76) 1,2,3-Trichloropropane	11.085	75	111985	23.995	ug/l #	38
78) n-propylbenzene	11.305	91	36979	2.242	ug/l	97
79) 2-Chlorotoluene	11.384	91	10179	0.977	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.457	105	70430	6.086	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	111985	71.985	ug/l #	13
82) 4-Chlorotoluene	11.622	91	3973	0.349	ug/l	73
83) tert-Butylbenzene	11.975	119	8083	0.754	ug/l	70
84) 1,2,4-Trimethylbenzene	11.756	105	134693	11.665	ug/l	98
85) sec-Butylbenzene	11.756	105	134693	9.174	ug/l #	56

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 Response via : Initial Calibration

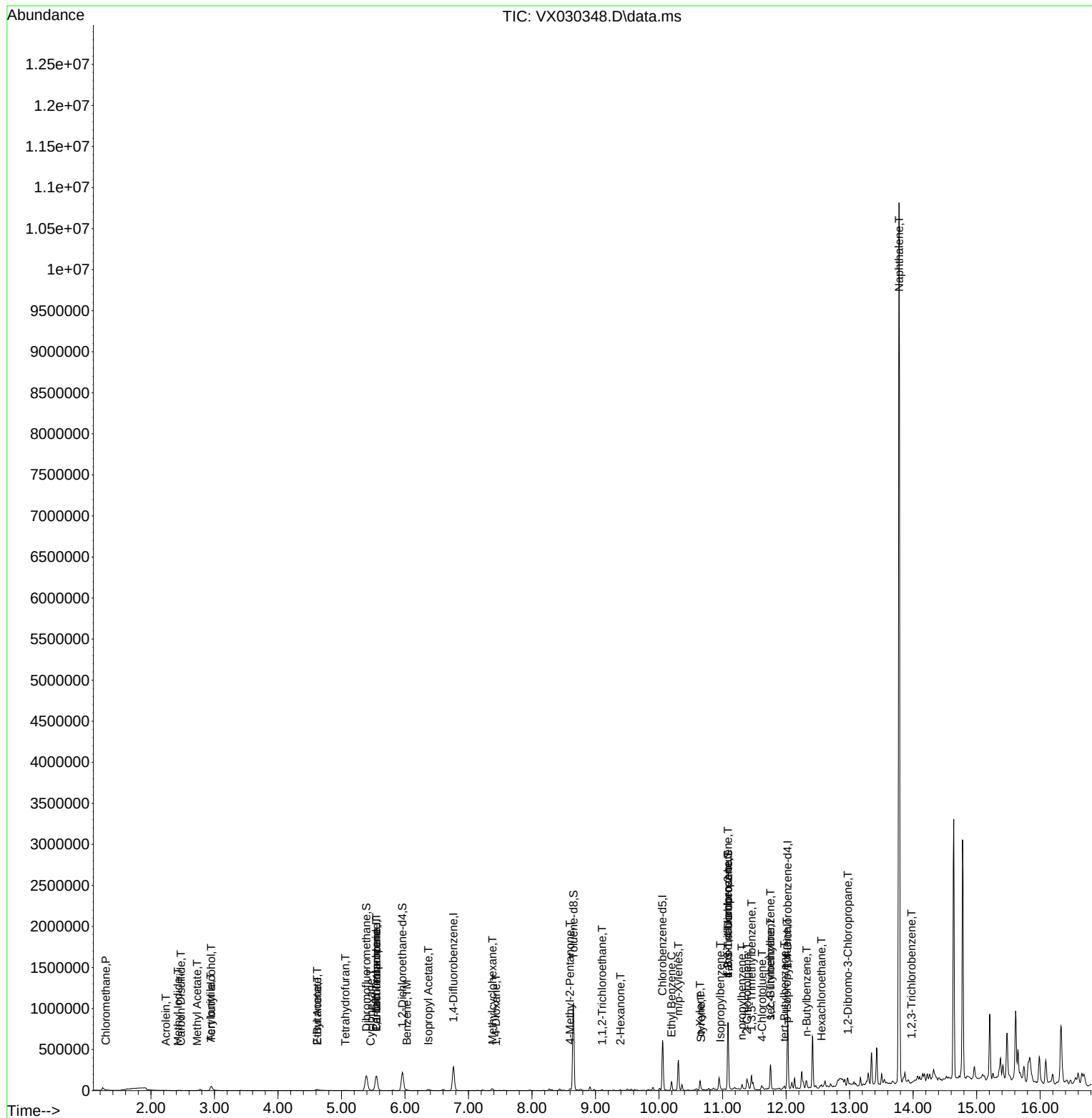
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.012	119	33513	2.853	ug/l	93
89) n-Butylbenzene	12.323	91	9957	0.910	ug/l #	8
90) Hexachloroethane	12.554	117	3287	1.625	ug/l #	20
92) 1,2-Dibromo-3-Chloropr...	12.975	75	1389	1.145	ug/l #	23
95) Naphthalene	13.780	128	6208867	442.616	ug/l	97
96) 1,2,3-Trichlorobenzene	13.975	180	770	0.209	ug/l #	1

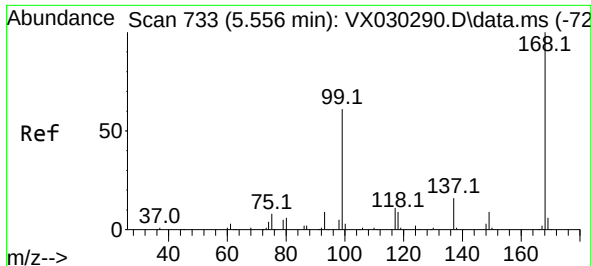
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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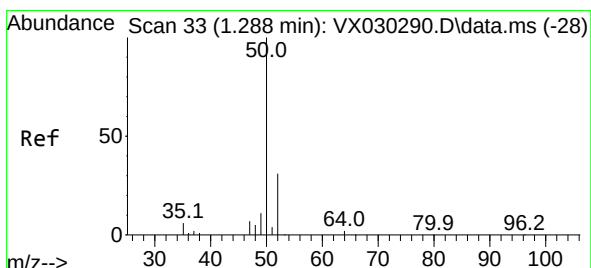
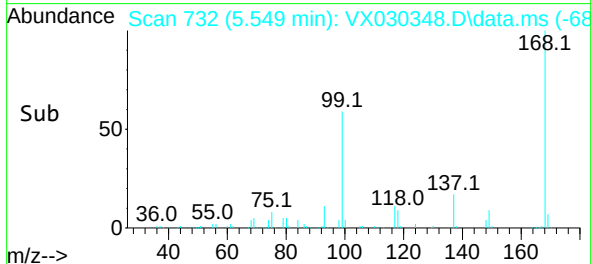
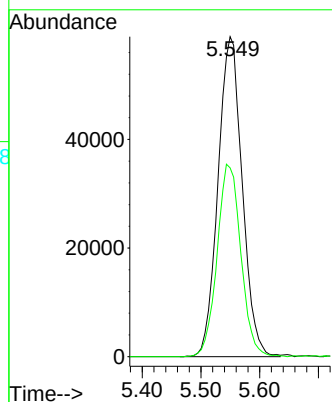
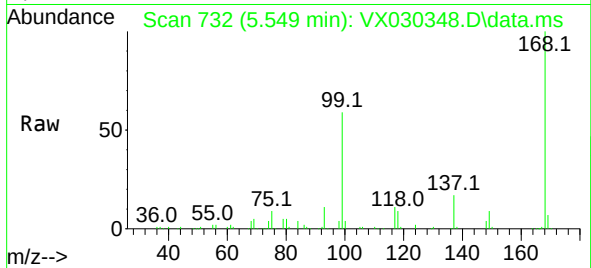




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.013 min
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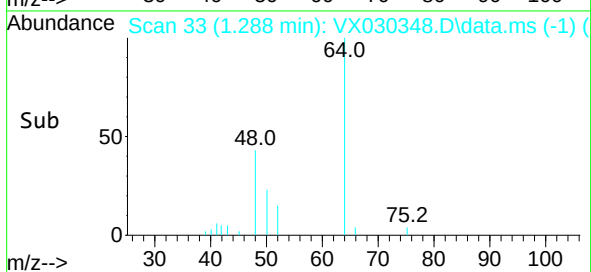
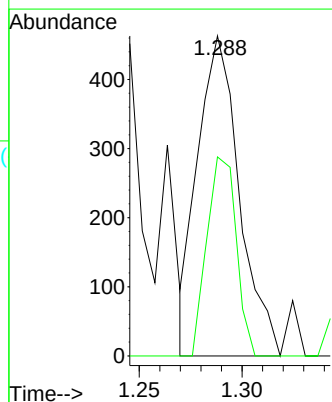
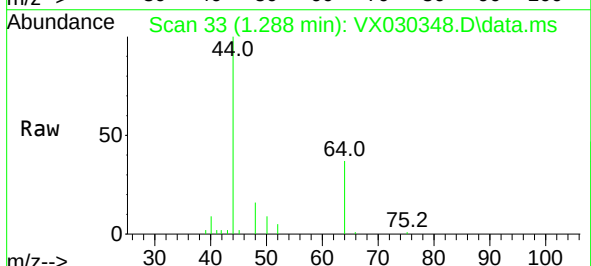
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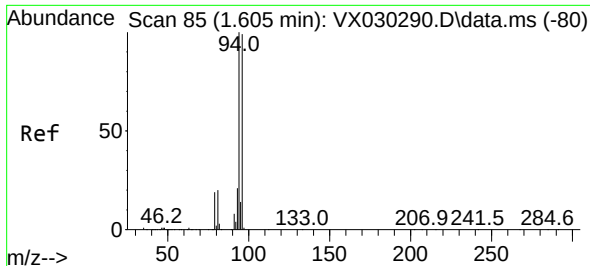
Tgt Ion:168 Resp: 168425
Ion Ratio Lower Upper
168 100
99 59.0 44.0 66.0



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 50 Resp: 652
Ion Ratio Lower Upper
50 100
52 62.2 26.3 39.5

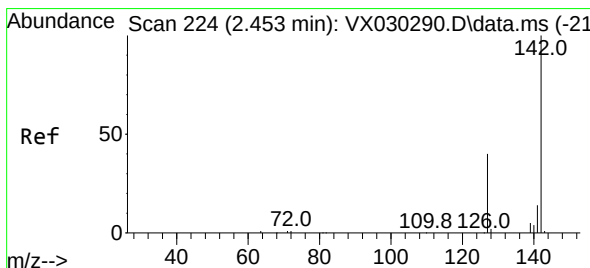
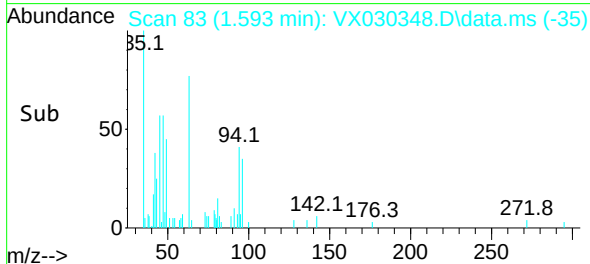
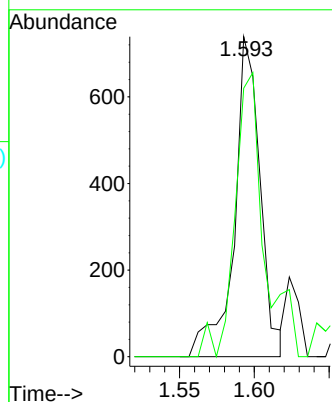
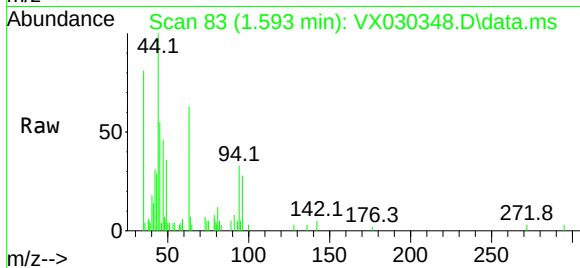




#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

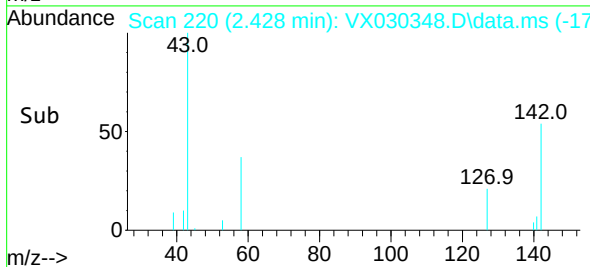
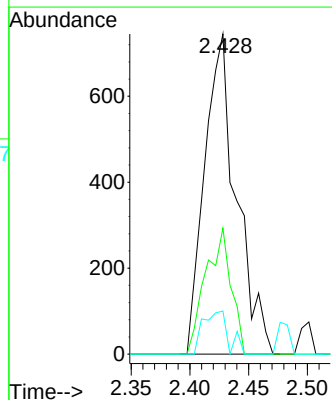
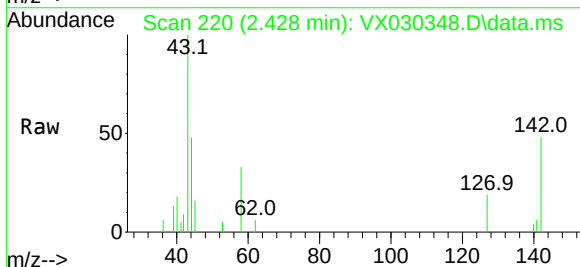
Instrument :
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ClientSampleId :
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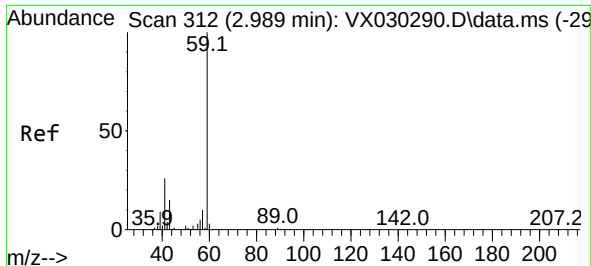
Tgt Ion: 94 Resp: 890
Ion Ratio Lower Upper
94 100
96 83.9 76.9 115.3



#10
Methyl Iodide
Concen: 2.043 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.018 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 142 Resp: 1402
Ion Ratio Lower Upper
142 100
127 31.5 30.2 45.2
141 10.7 11.3 16.9#

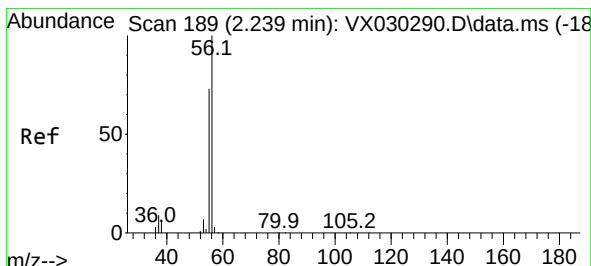
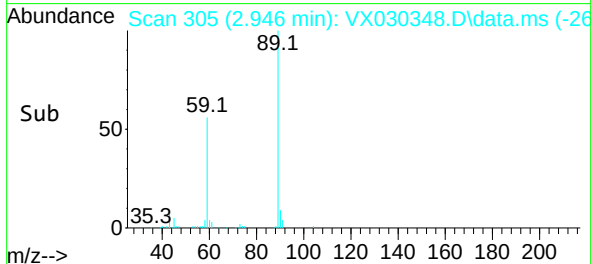
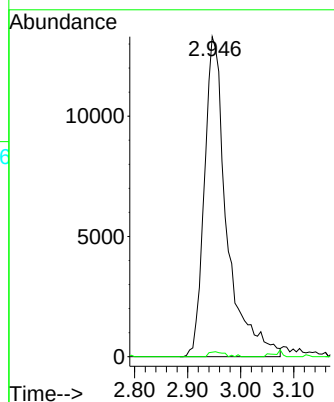
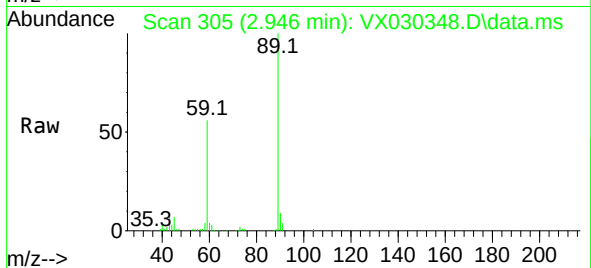




#11
Tert butyl alcohol
Concen: 47.281 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

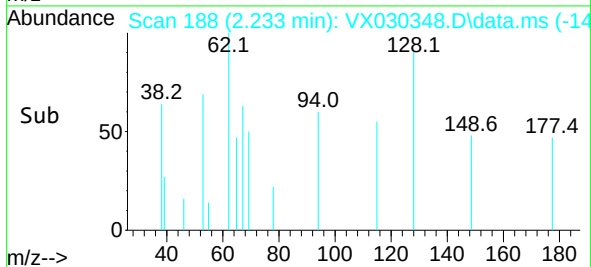
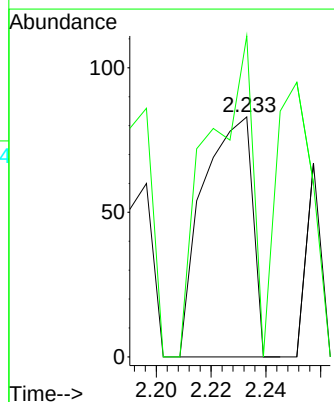
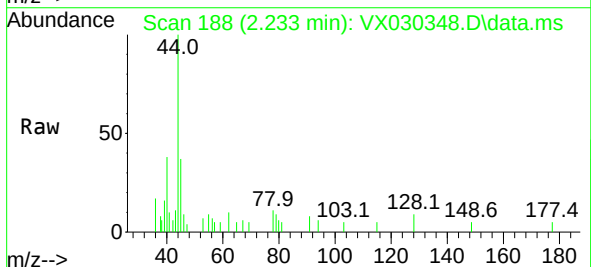
Instrument :
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ClientSampleId :
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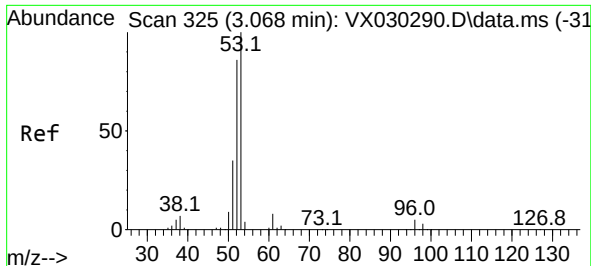
Tgt Ion: 59 Resp: 39043
Ion Ratio Lower Upper
59 100
57 1.0 7.4 11.2#



#13
Acrolein
Concen: 0.512 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 118.3 56.6 84.8#

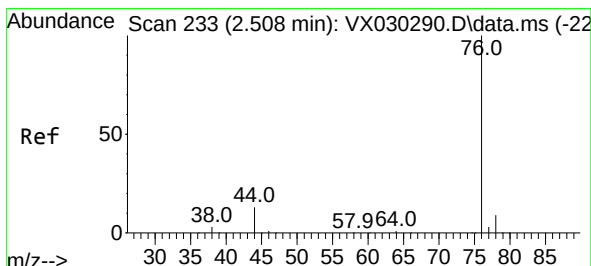
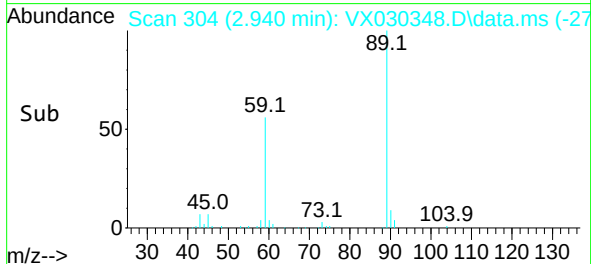
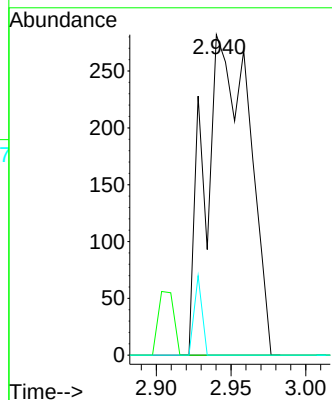
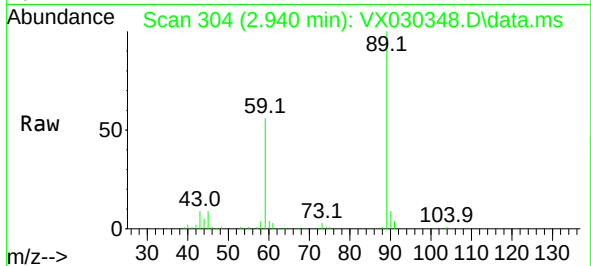




#15
Acrylonitrile
Concen: 0.286 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.128 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

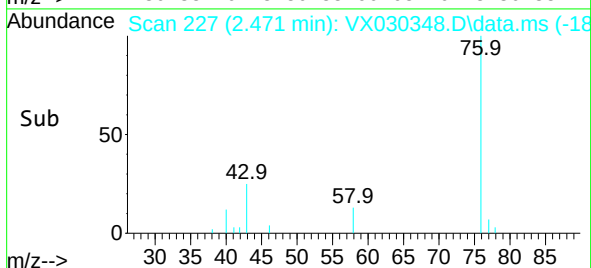
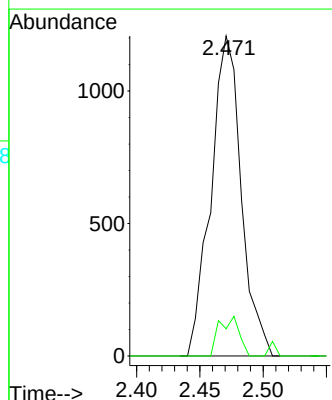
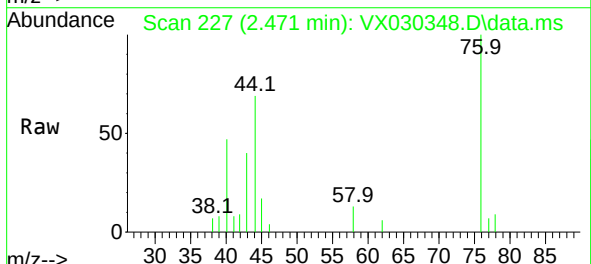
Instrument :
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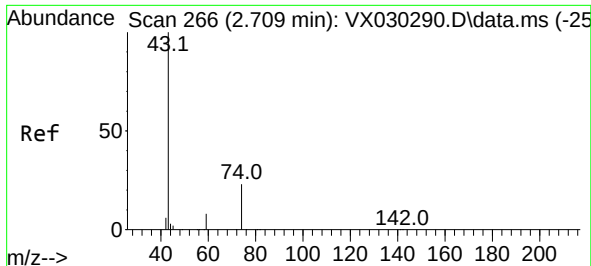
Tgt Ion: 53 Resp: 583
Ion Ratio Lower Upper
53 100
52 0.0 65.4 98.0#
51 0.0 27.7 41.5#



#17
Carbon Disulfide
Concen: 0.283 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.036 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 76 Resp: 2012
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.6

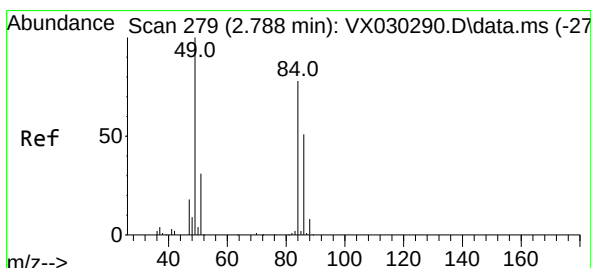
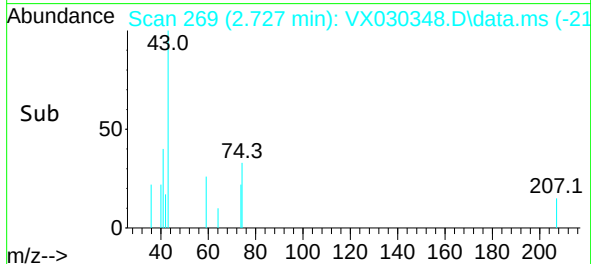
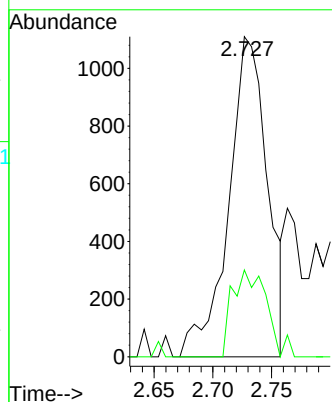
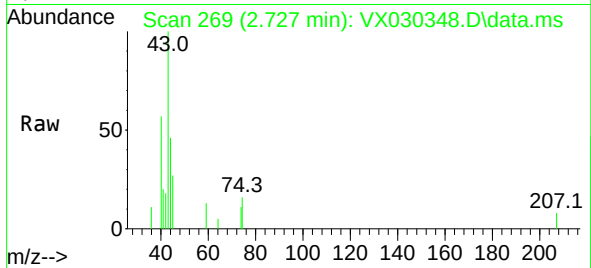




#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 2.727 min Scan# 207
Delta R.T. 0.019 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

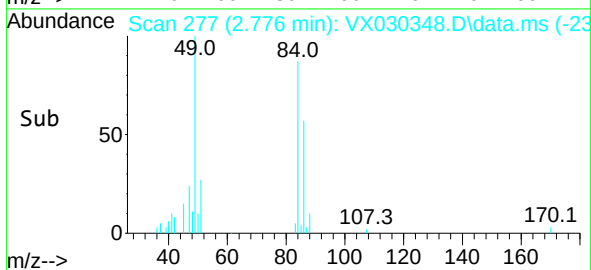
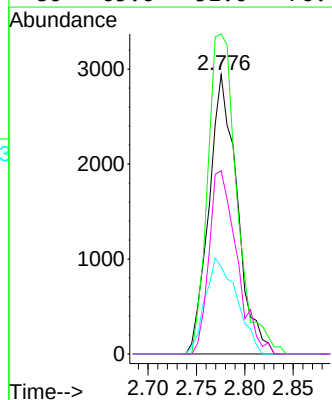
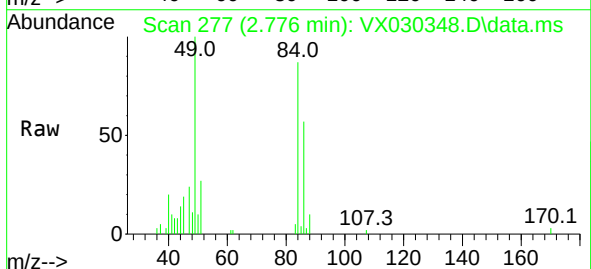
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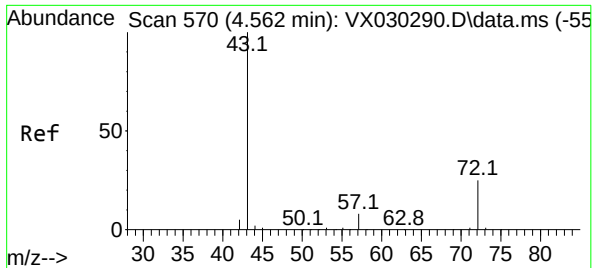
Tgt Ion: 43 Resp: 2556
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 84 Resp: 5963
Ion Ratio Lower Upper
84 100
49 114.5 93.8 140.6
51 31.1 29.4 44.0
86 65.6 51.0 76.4

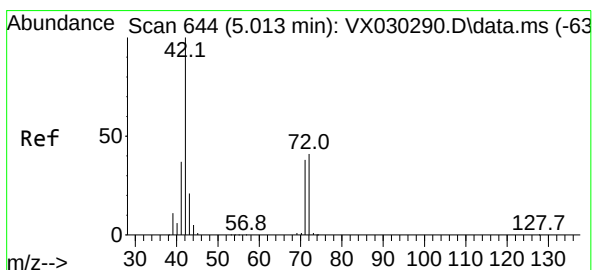
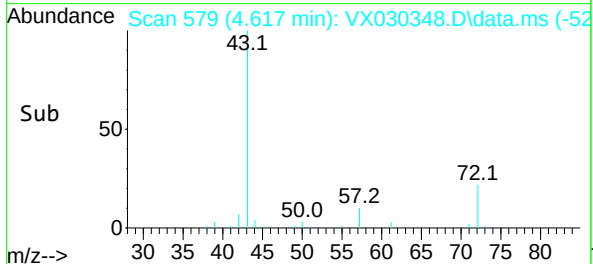
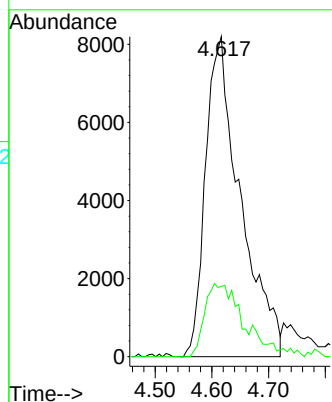
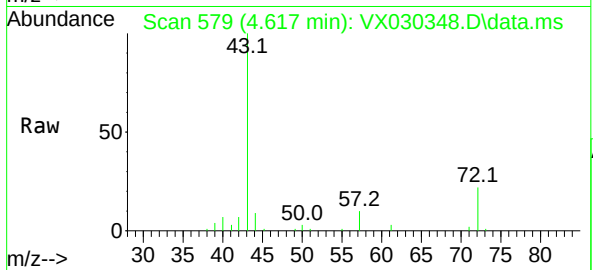




#25
2-Butanone
Concen: 12.022 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

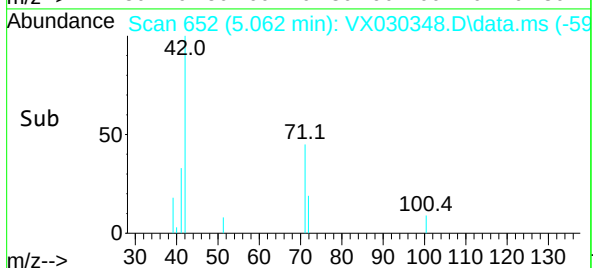
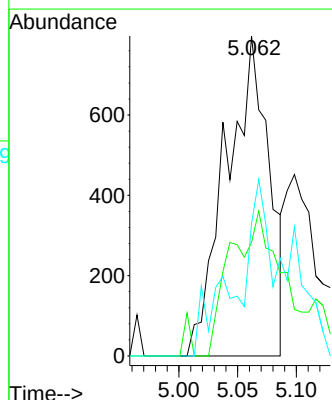
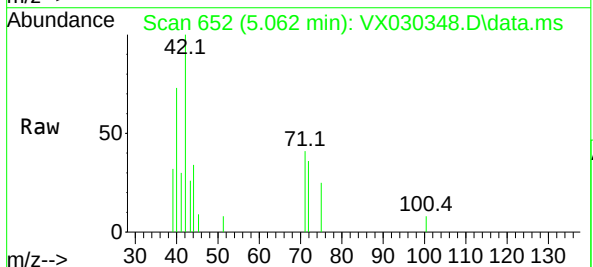
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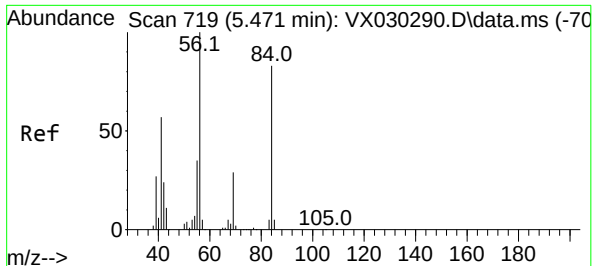
Tgt Ion: 43 Resp: 35013
Ion Ratio Lower Upper
43 100
72 22.0 21.7 32.5



#29
Tetrahydrofuran
Concen: 1.038 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.049 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 42 Resp: 2035
Ion Ratio Lower Upper
42 100
72 52.8 36.5 54.7
71 14.3 33.9 50.9#

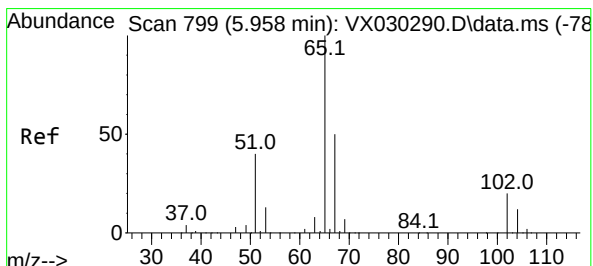
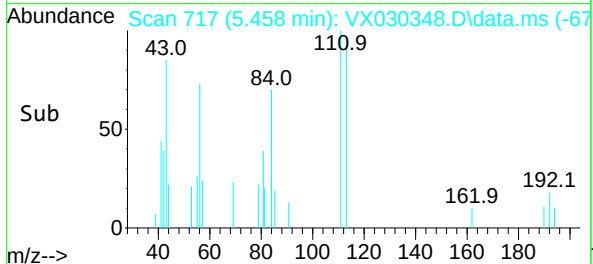
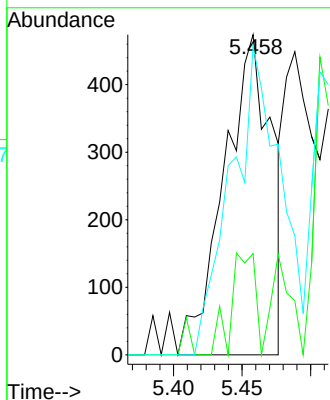
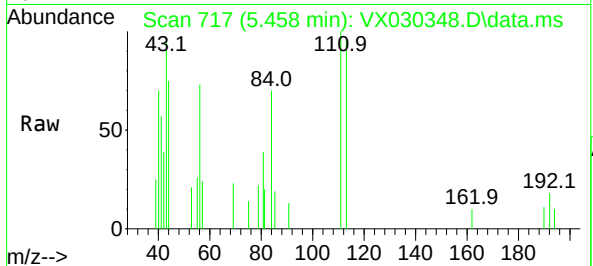




#31
Cyclohexane
Concen: 0.231 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

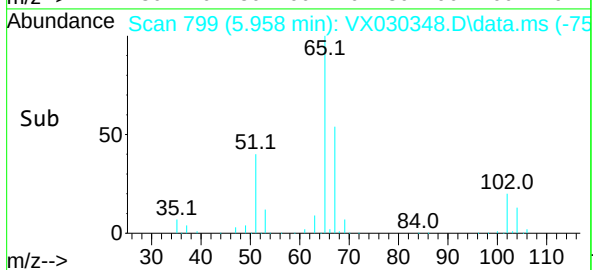
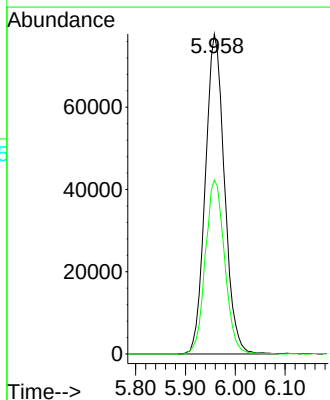
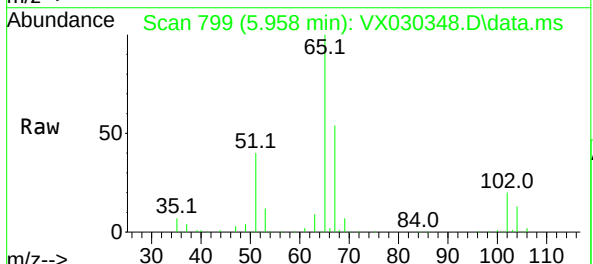
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

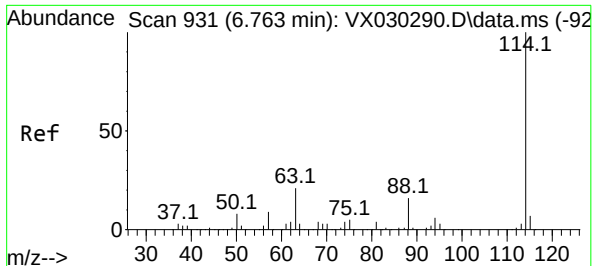
Tgt Ion: 56 Resp: 1136
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 96.4 68.9 103.3



#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

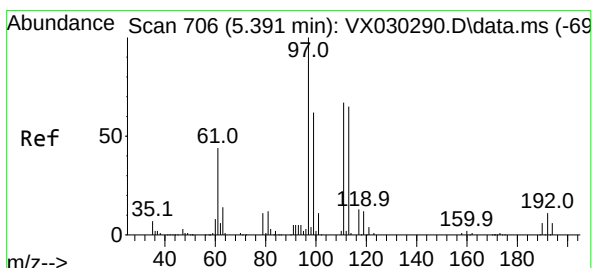
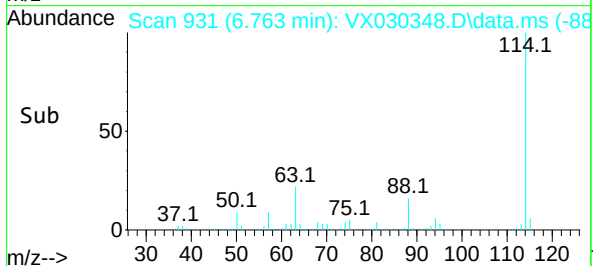
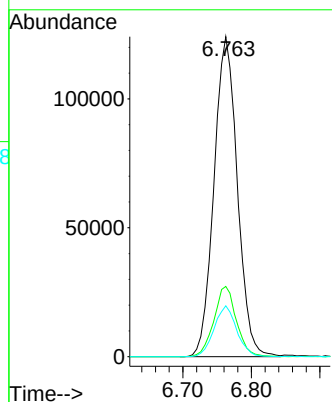
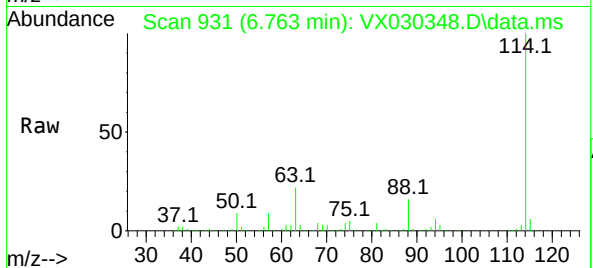




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

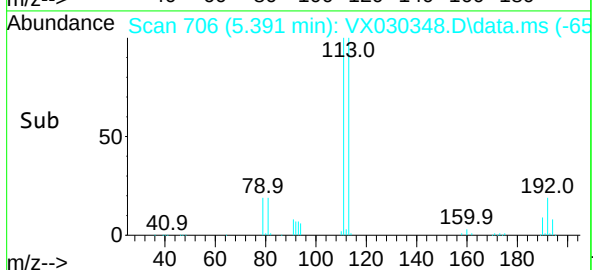
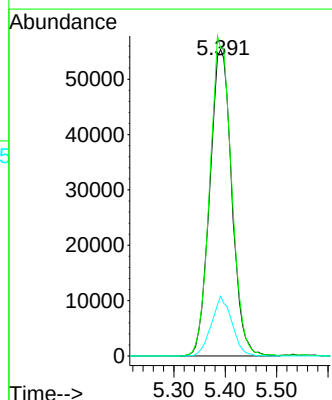
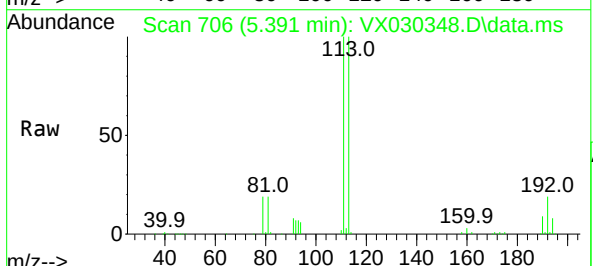
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

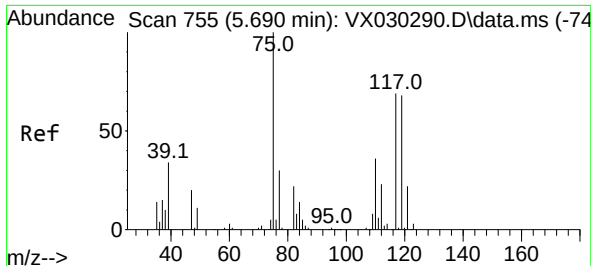
Tgt Ion:114 Resp: 293451
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.4
88 15.9 0.0 31.8



#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





#36

1,1-Dichloropropene

Concen: 3.356 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.147 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-C

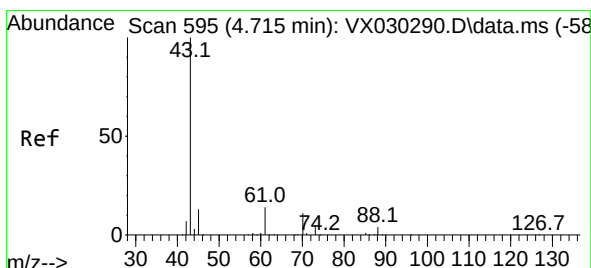
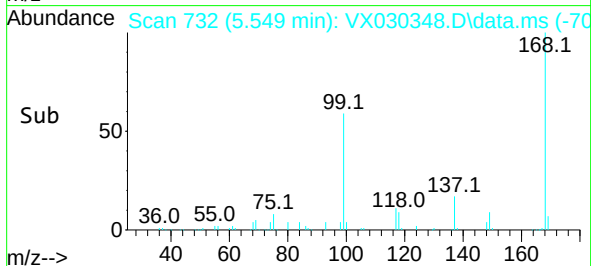
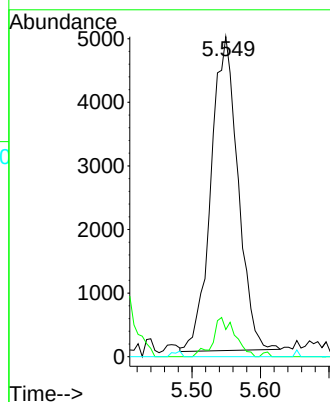
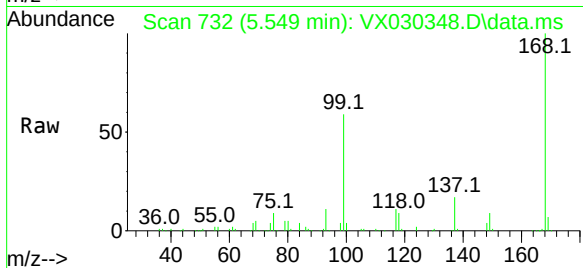
Tgt Ion: 75 Resp: 13547

Ion Ratio Lower Upper

75 100

110 10.0 19.3 57.9#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 6.124 ug/l

RT: 4.617 min Scan# 579

Delta R.T. -0.103 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

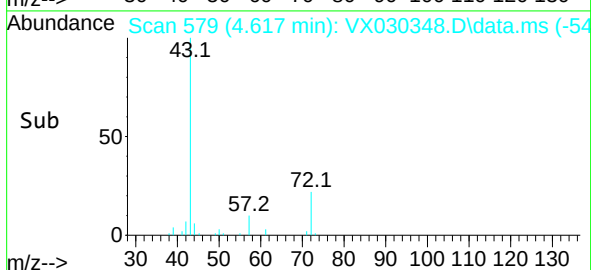
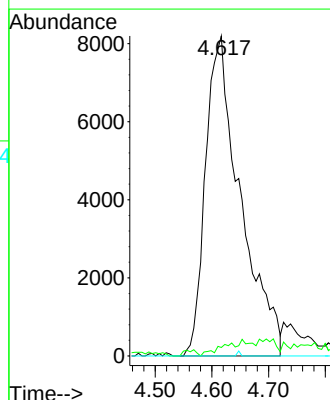
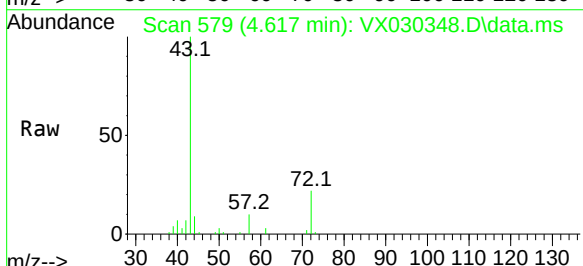
Tgt Ion: 43 Resp: 35013

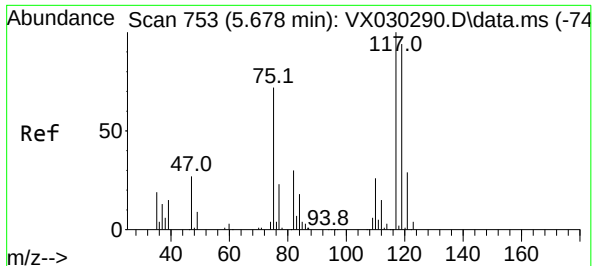
Ion Ratio Lower Upper

43 100

61 2.1 11.7 17.5#

70 0.0 9.3 13.9#

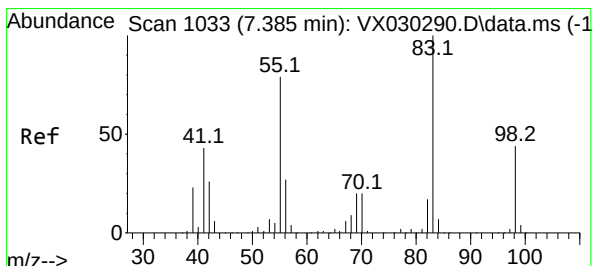
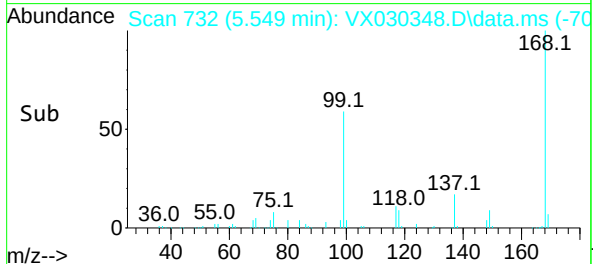
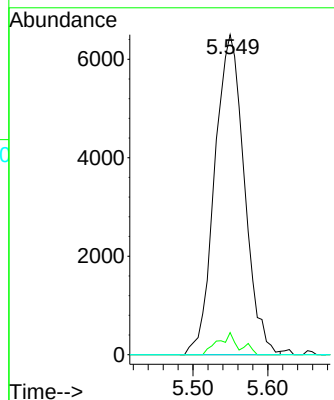
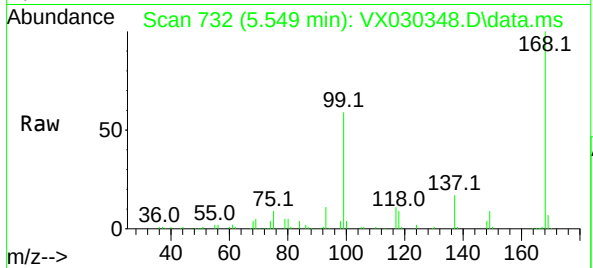




#38
Carbon Tetrachloride
Concen: 4.762 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

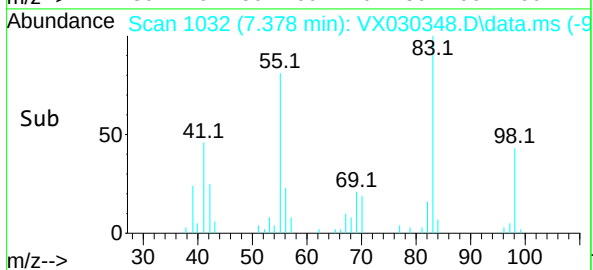
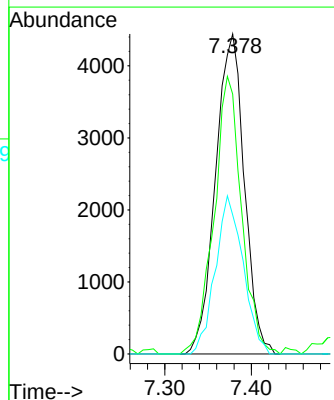
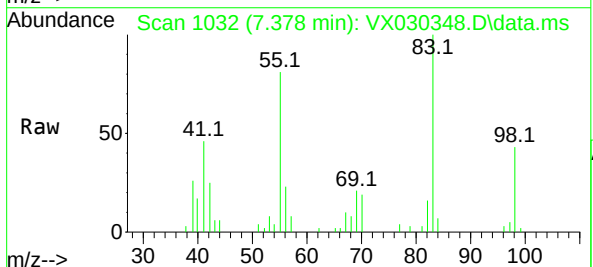
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

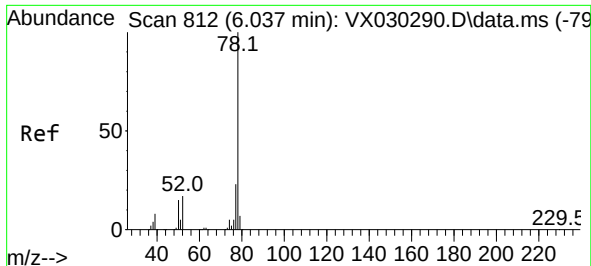
Tgt Ion:117 Resp: 17947
Ion Ratio Lower Upper
117 100
119 6.9 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 1.969 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

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

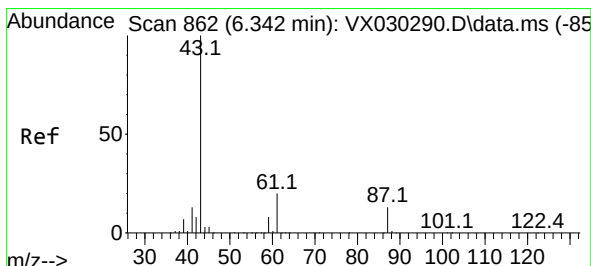
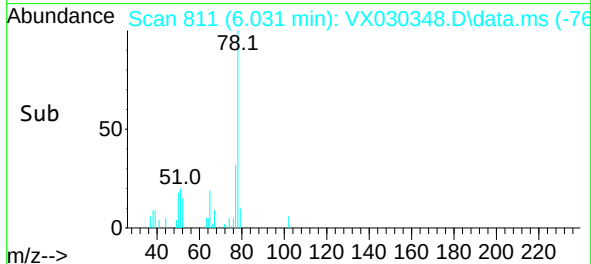
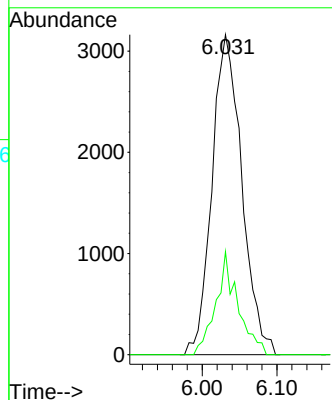
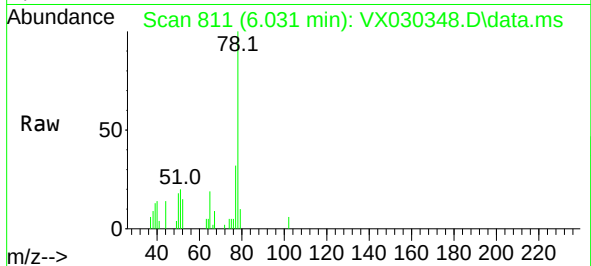




#40
Benzene
Concen: 0.691 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.012 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

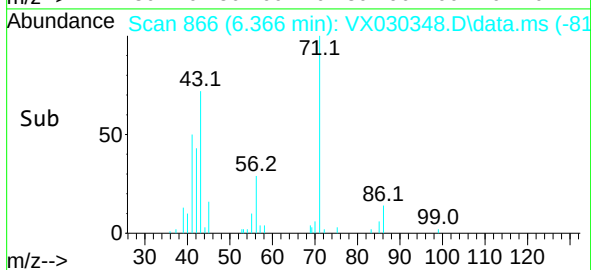
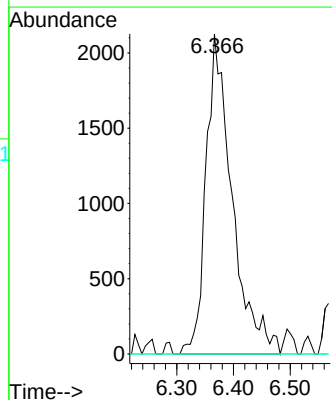
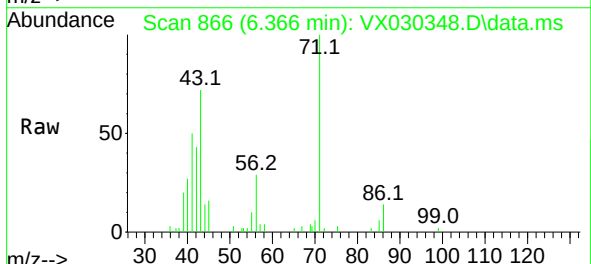
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

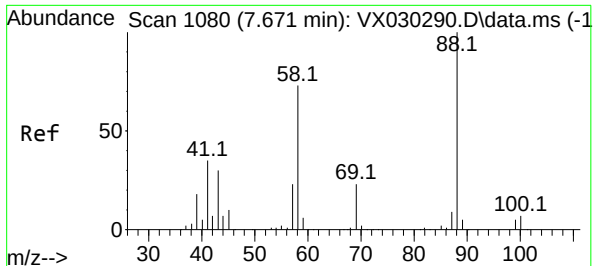
Tgt Ion: 78 Resp: 8776
Ion Ratio Lower Upper
78 100
77 32.2 18.0 27.0#



#43
Isopropyl Acetate
Concen: 0.811 ug/l
RT: 6.366 min Scan# 866
Delta R.T. 0.018 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 43 Resp: 6800
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: 0.220 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.232 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-C

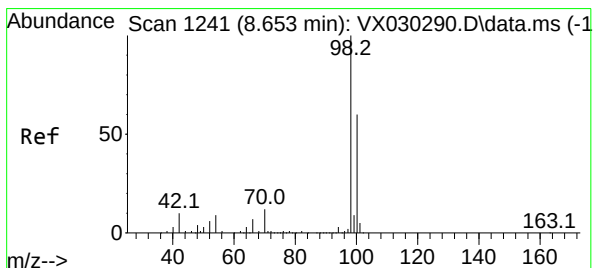
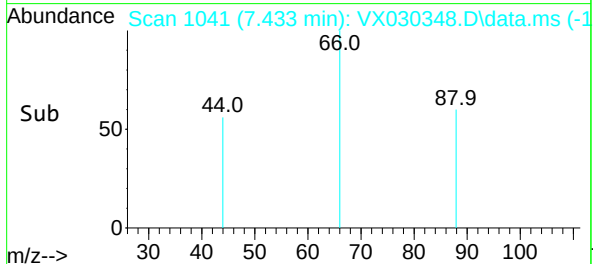
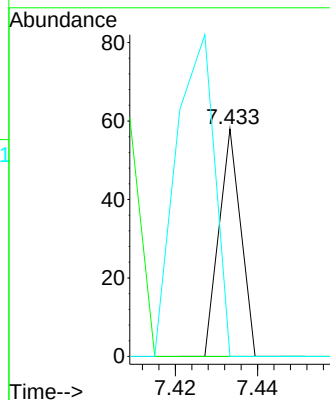
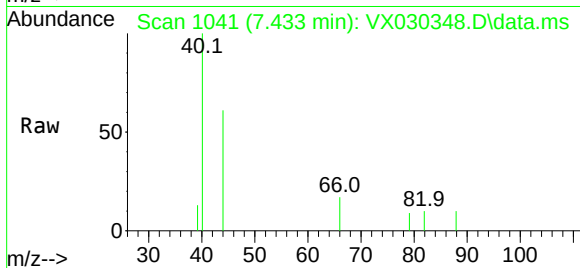
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 252.4 53.8 80.6#



#50

Toluene-d8

Concen: 60.615 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030348.D

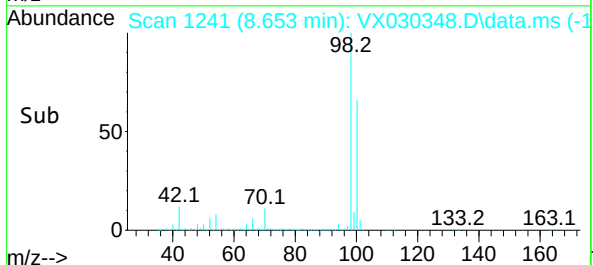
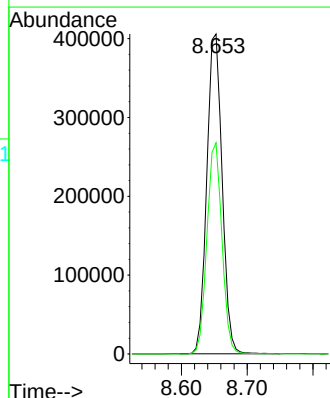
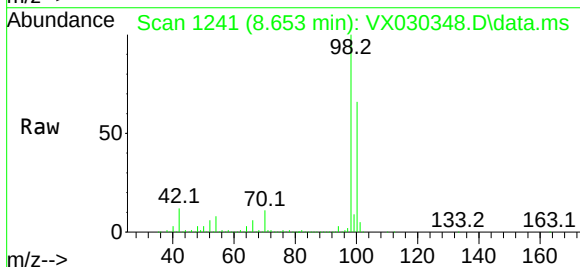
Acq: 02 Aug 2022 13:33

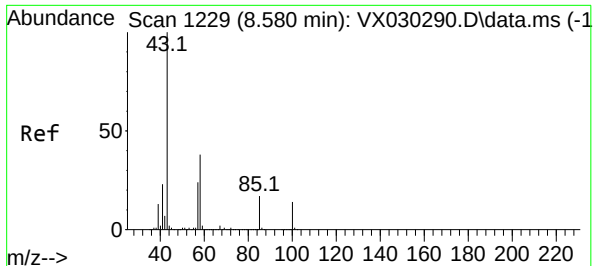
Tgt Ion: 98 Resp: 658499

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5

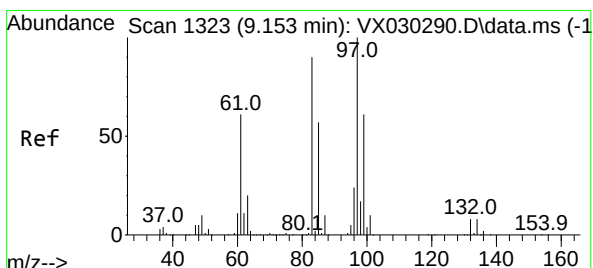
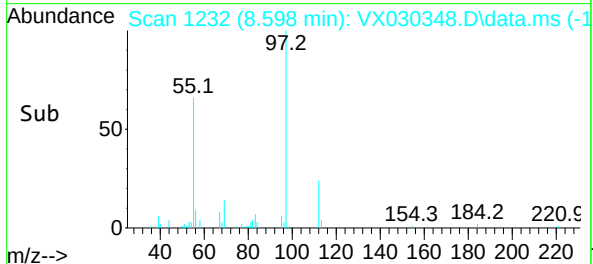
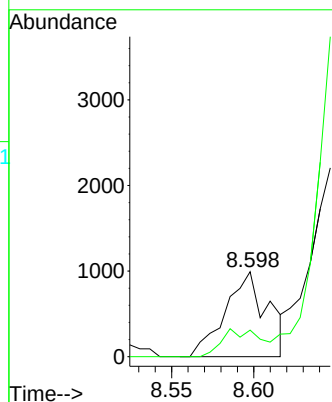
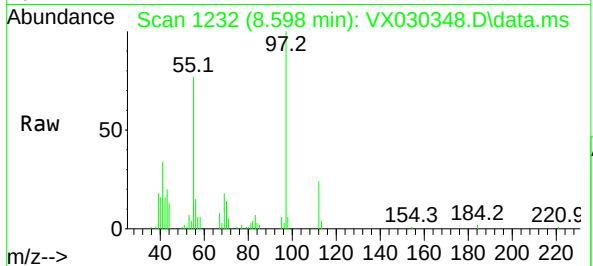




#51
4-Methyl-2-Pentanone
Concen: 0.313 ug/l
RT: 8.598 min Scan# 11
Delta R.T. 0.019 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

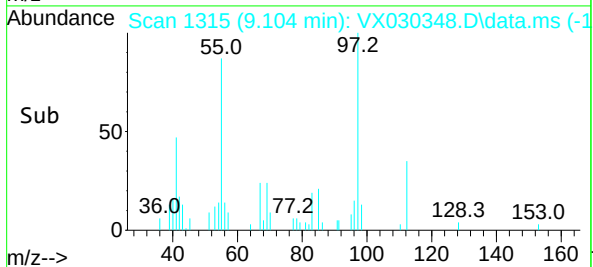
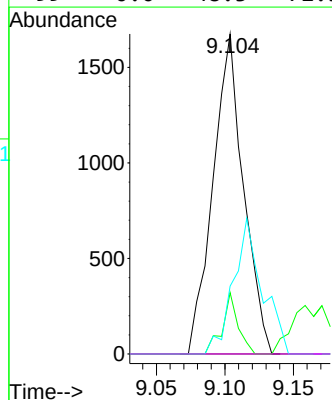
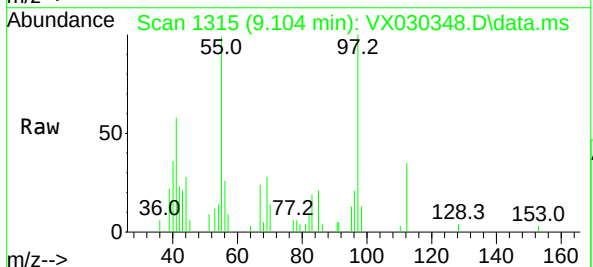
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

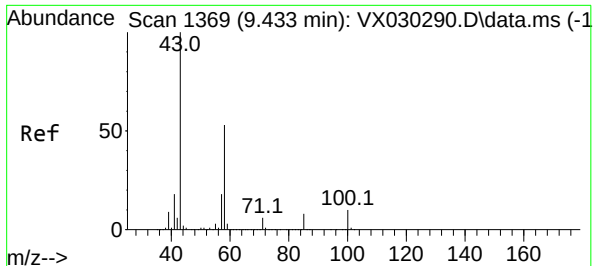
Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
58 29.8 31.4 47.2#



#55
1,1,2-Trichloroethane
Concen: 0.788 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.054 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 97 Resp: 2600
Ion Ratio Lower Upper
97 100
83 19.2 68.9 103.3#
85 21.2 44.0 66.0#
99 0.0 48.3 72.5#





#59

2-Hexanone

Concen: 0.807 ug/l

RT: 9.390 min Scan# 11

Delta R.T. -0.043 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_X

ClientSampleId :

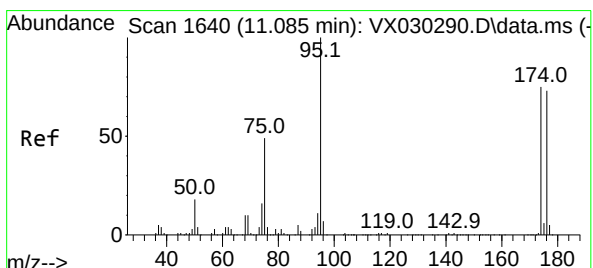
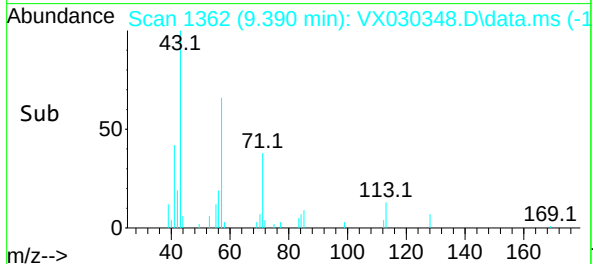
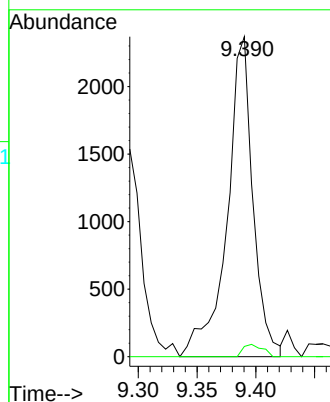
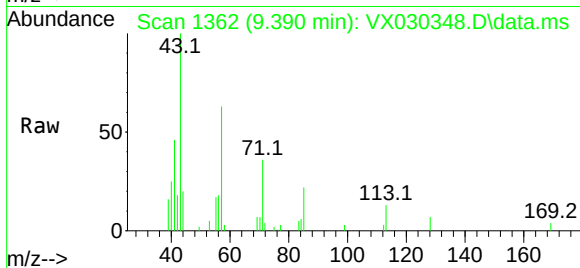
HMGP-SOIL-C

Tgt Ion: 43 Resp: 3621

Ion Ratio Lower Upper

43 100

58 2.9 27.6 82.8#



#62

4-Bromofluorobenzene

Concen: 57.612 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

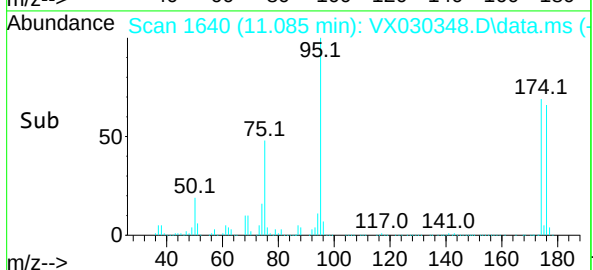
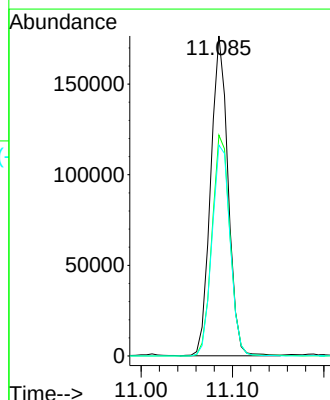
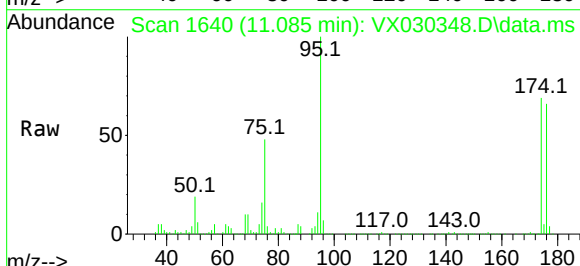
Tgt Ion: 95 Resp: 232281

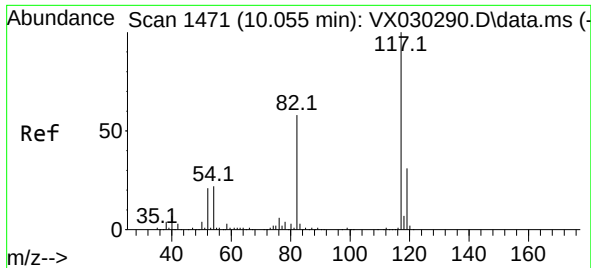
Ion Ratio Lower Upper

95 100

174 71.3 0.0 149.0

176 68.8 0.0 146.0

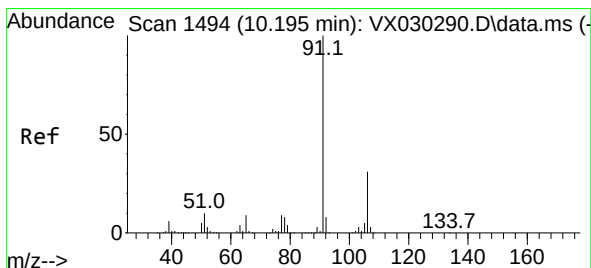
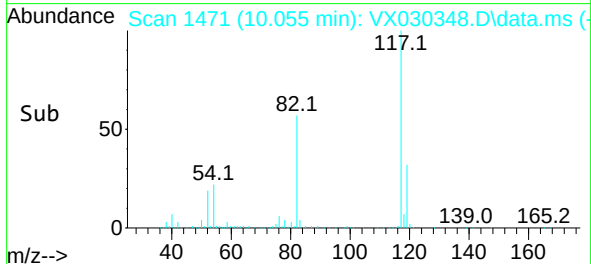
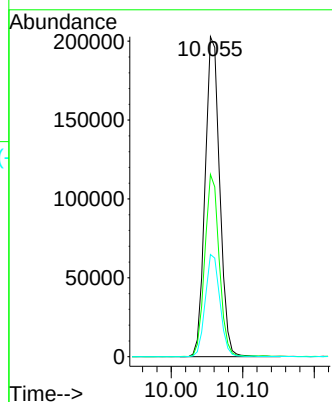
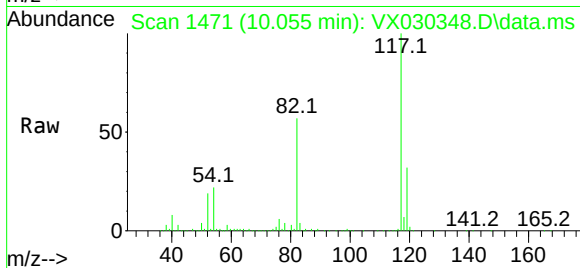




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

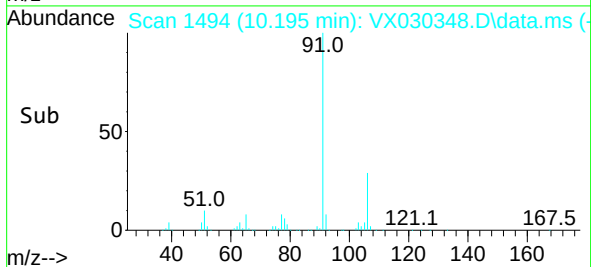
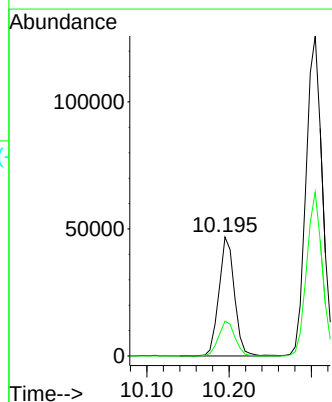
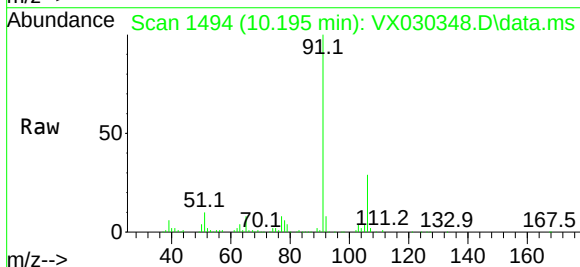
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

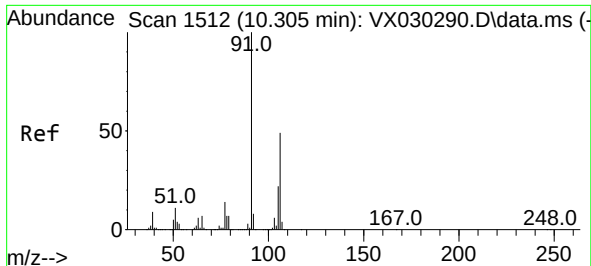
Tgt Ion:117 Resp: 288154
Ion Ratio Lower Upper
117 100
82 56.9 42.7 64.1
119 32.0 25.4 38.2



#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

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

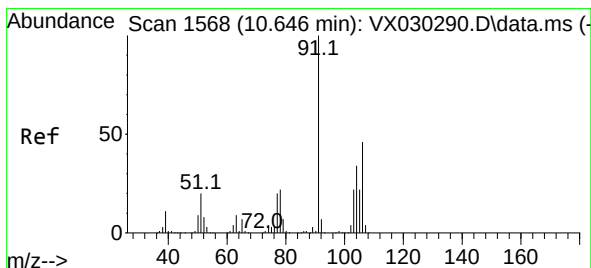
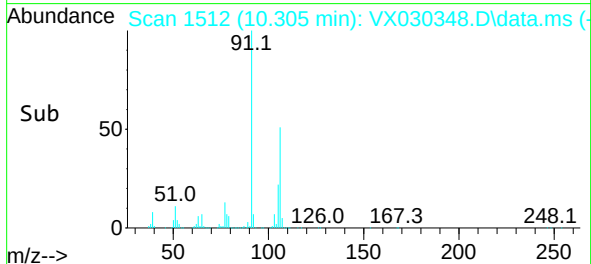
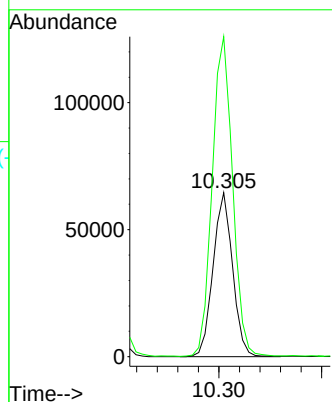
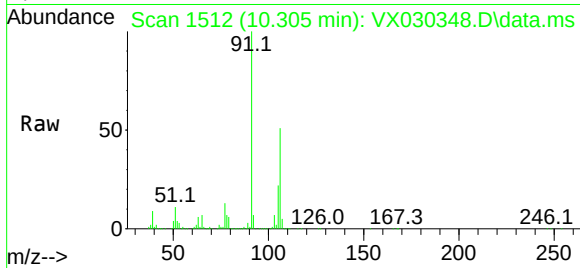




#68
m/p-Xylenes
Concen: 16.016 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

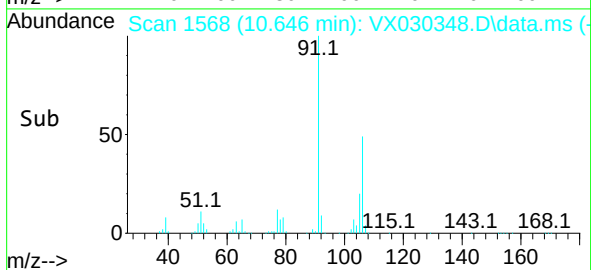
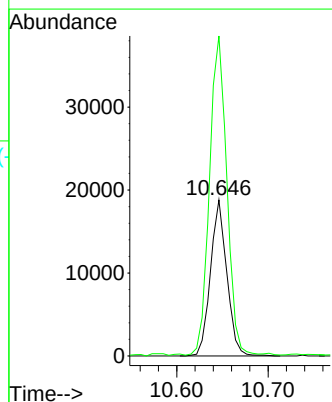
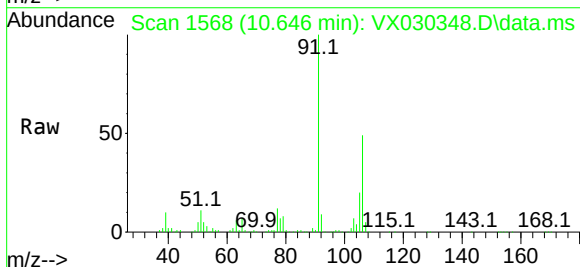
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

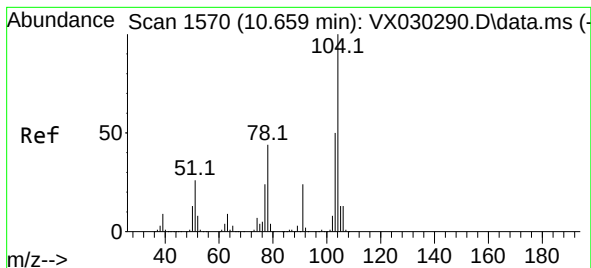
Tgt Ion:106 Resp: 84928
Ion Ratio Lower Upper
106 100
91 203.1 158.2 237.4



#69
o-Xylene
Concen: 4.462 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion:106 Resp: 23317
Ion Ratio Lower Upper
106 100
91 217.3 103.8 311.6





#70

Styrene

Concen: 0.447 ug/l

RT: 10.658 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

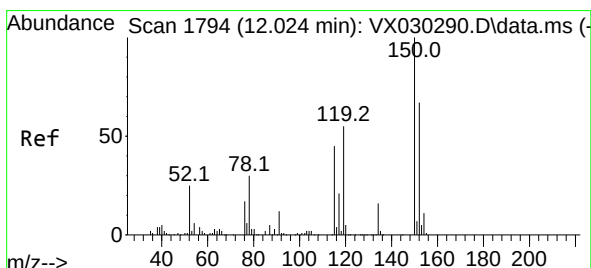
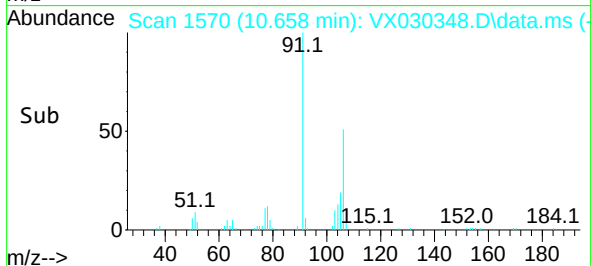
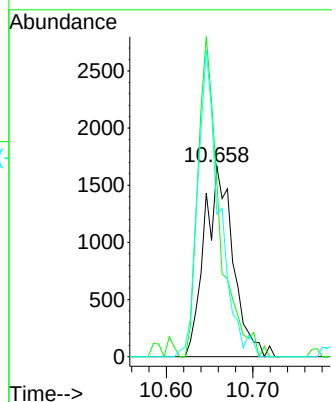
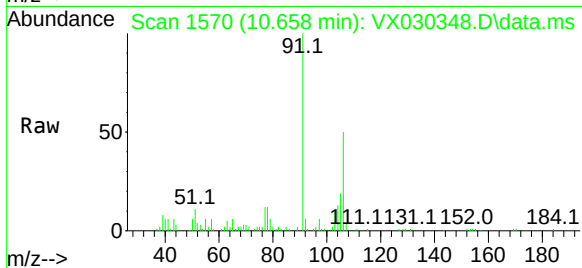
Tgt Ion:104 Resp: 3842

Ion Ratio Lower Upper

104 100

78 124.9 37.8 56.8#

103 122.2 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: VX030348.D

Acq: 02 Aug 2022 13:33

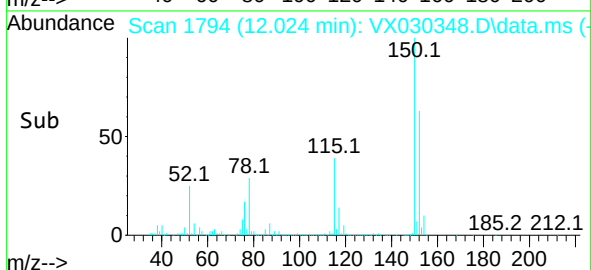
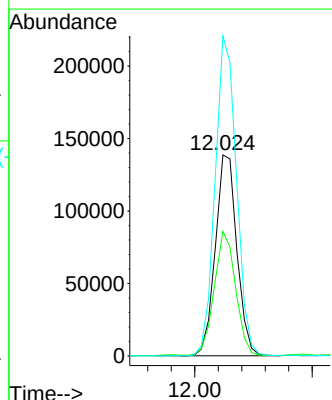
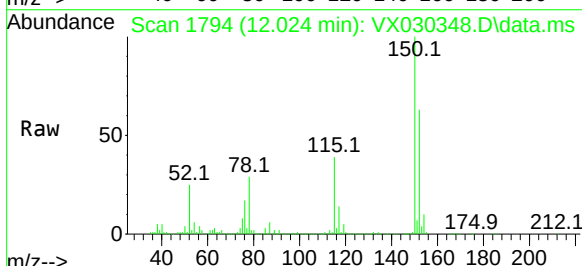
Tgt Ion:152 Resp: 177049

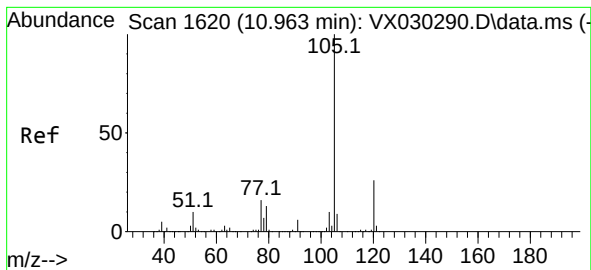
Ion Ratio Lower Upper

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# 1620

Delta R.T. 0.000 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_X

ClientSampleId :

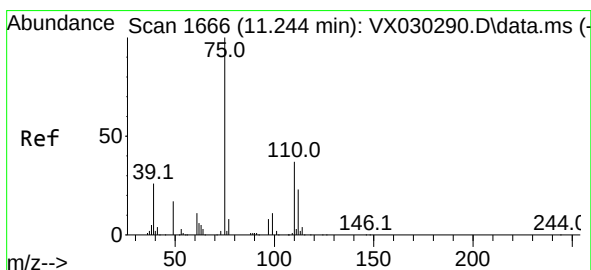
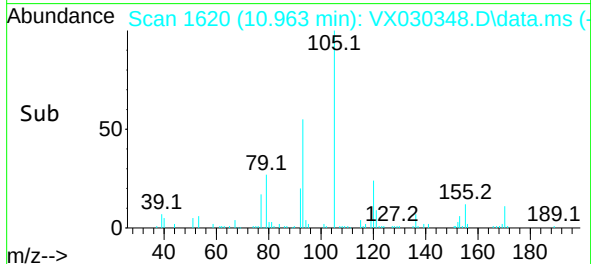
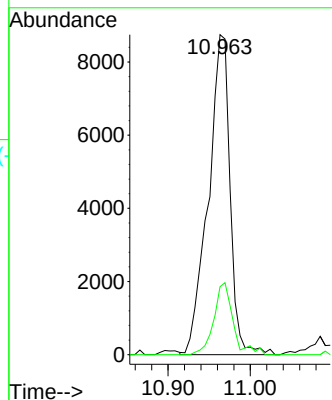
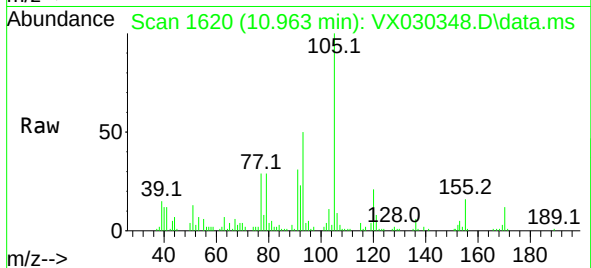
HMGP-SOIL-C

Tgt Ion:105 Resp: 16128

Ion Ratio Lower Upper

105 100

120 18.6 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 23.995 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX030348.D

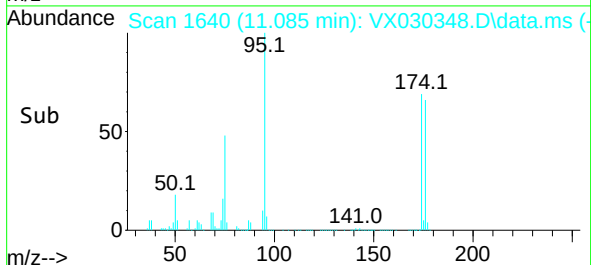
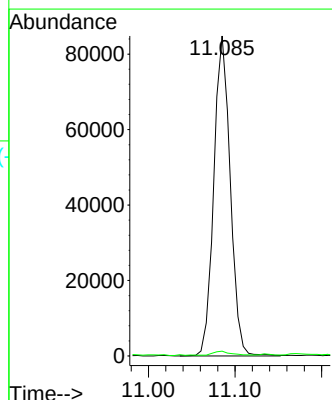
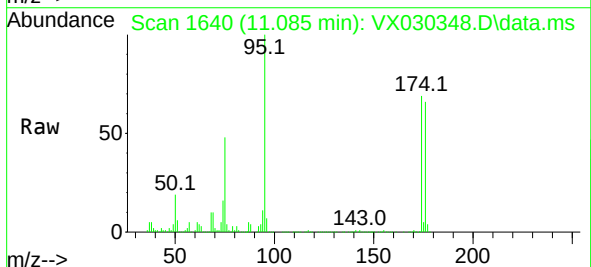
Acq: 02 Aug 2022 13:33

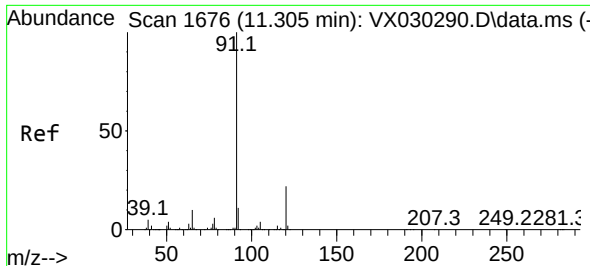
Tgt Ion: 75 Resp: 111985

Ion Ratio Lower Upper

75 100

77 1.3 19.8 59.3#

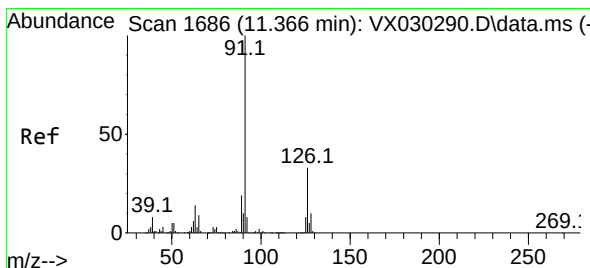
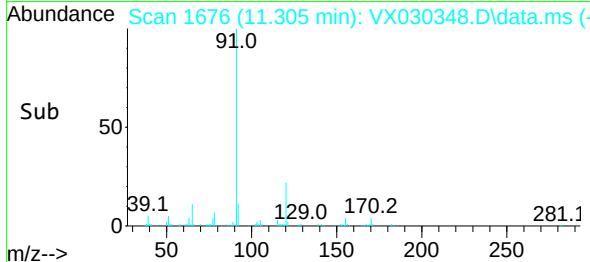
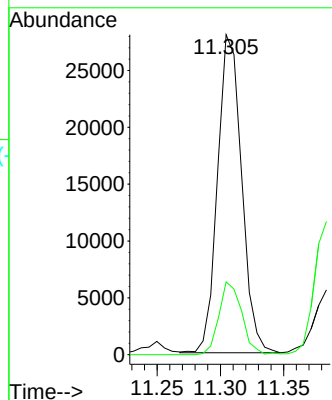
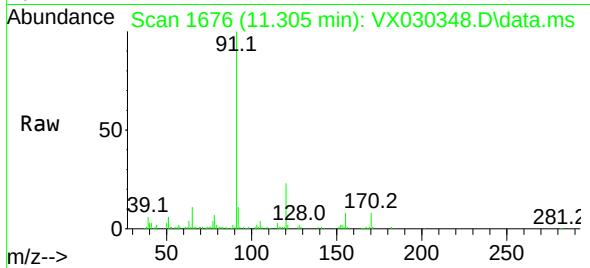




#78
n-propylbenzene
Concen: 2.242 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

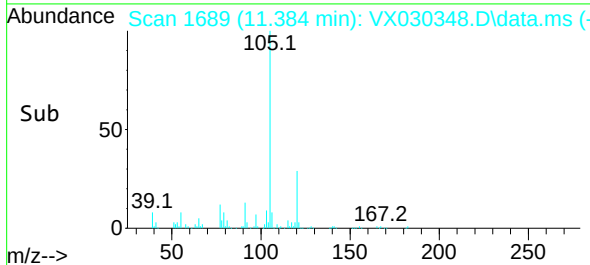
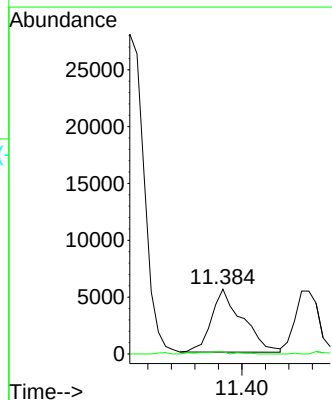
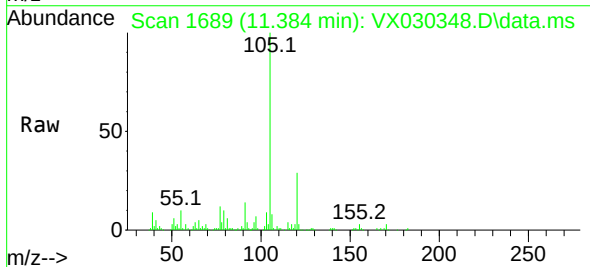
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

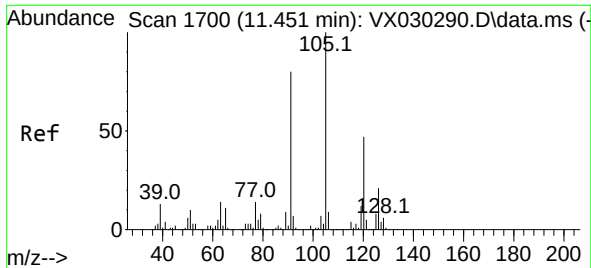
Tgt Ion: 91 Resp: 36979
Ion Ratio Lower Upper
91 100
120 21.7 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.977 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.019 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 91 Resp: 10179
Ion Ratio Lower Upper
91 100
126 3.5 17.4 52.3#

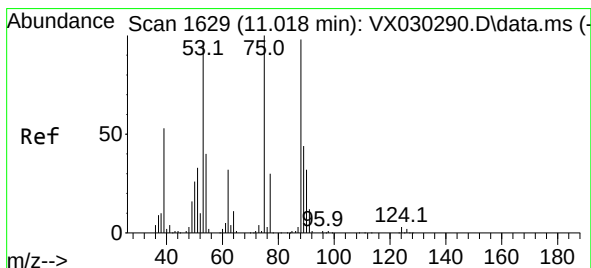
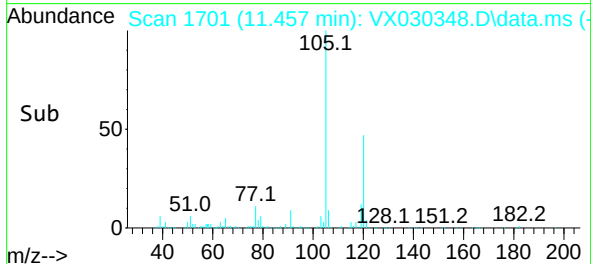
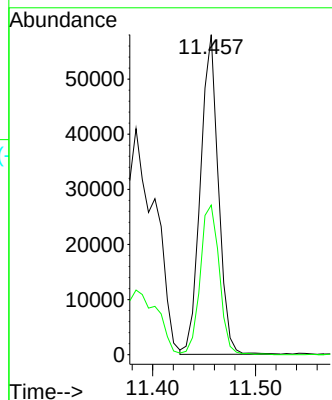
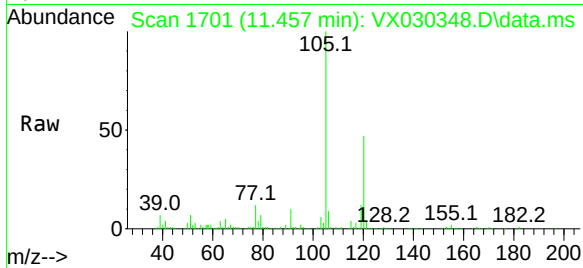




#80
1,3,5-Trimethylbenzene
Concen: 6.086 ug/l
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

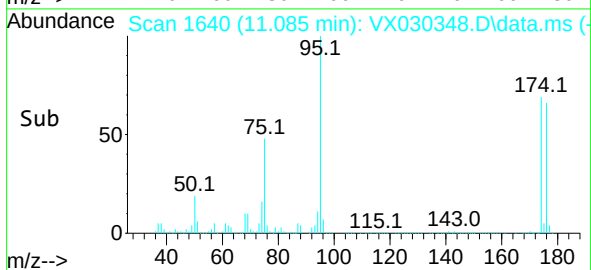
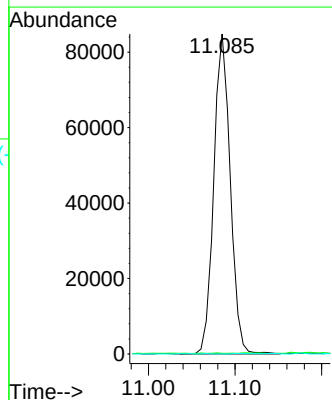
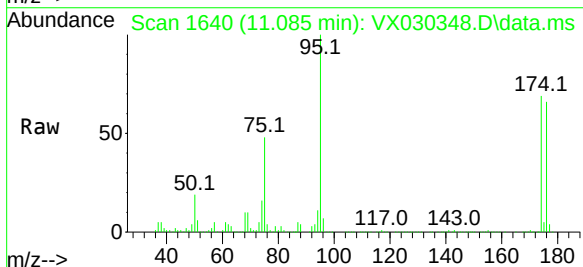
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

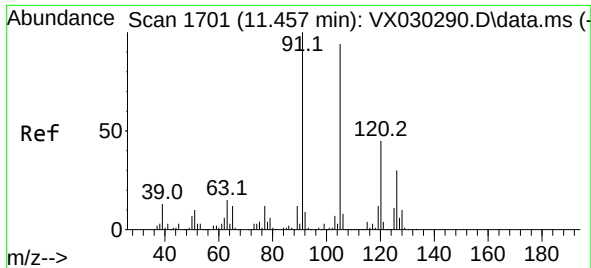
Tgt Ion:105 Resp: 70430
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.2



#81
trans-1,4-Dichloro-2-butene
Concen: 71.985 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 75 Resp: 111985
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

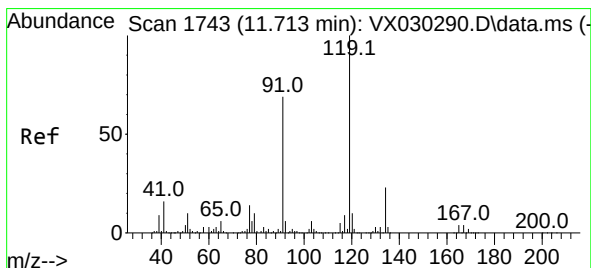
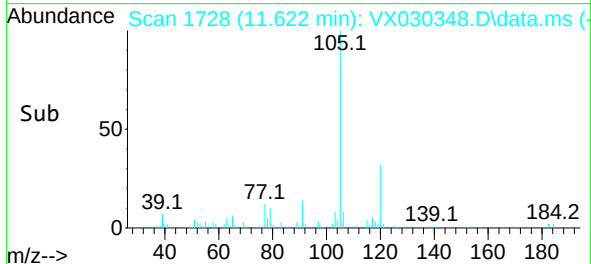
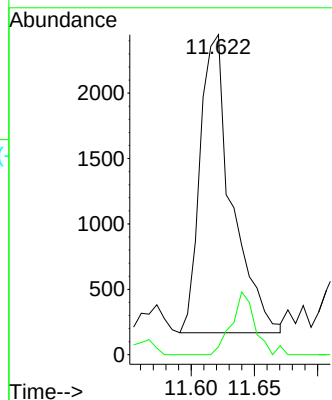
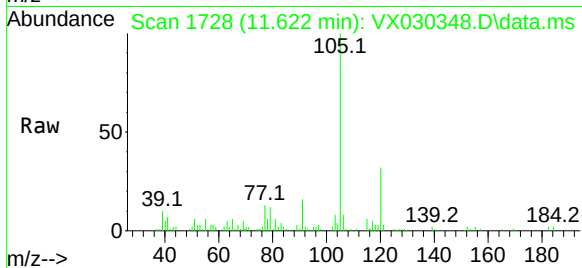




#82
4-Chlorotoluene
Concen: 0.349 ug/l
RT: 11.622 min Scan# 11
Delta R.T. 0.165 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

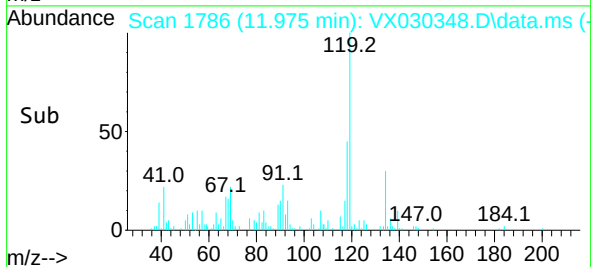
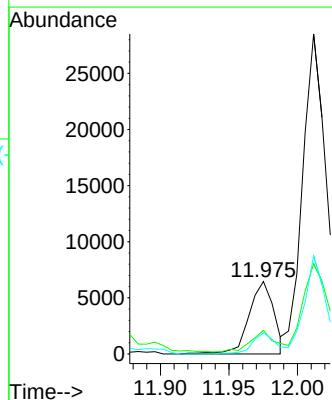
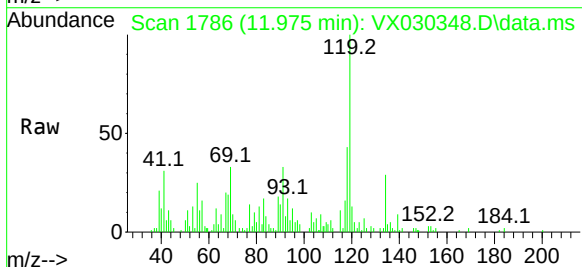
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

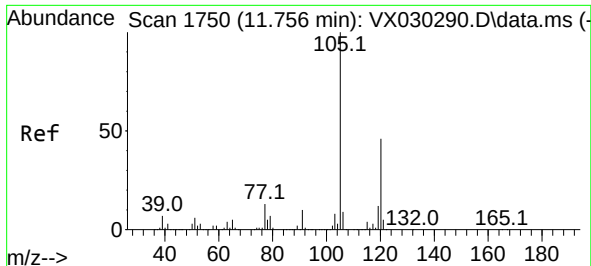
Tgt Ion: 91 Resp: 3973
Ion Ratio Lower Upper
91 100
126 15.6 15.3 45.9



#83
tert-Butylbenzene
Concen: 0.754 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.256 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 119 Resp: 8083
Ion Ratio Lower Upper
119 100
91 29.6 28.3 84.9
134 28.9 11.2 33.5

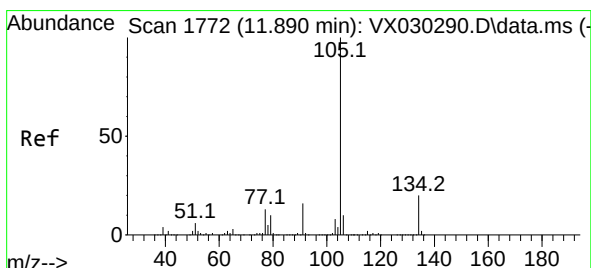
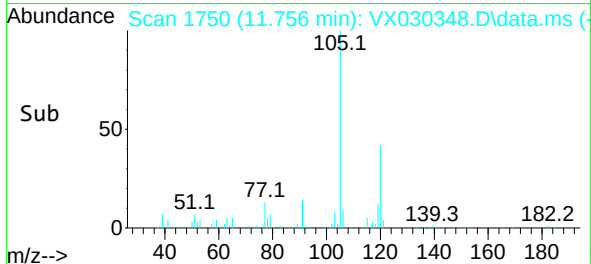
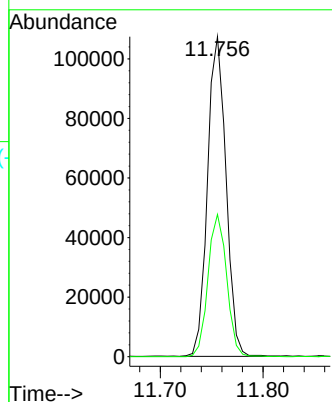
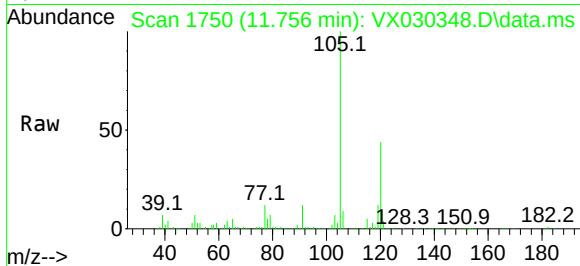




#84
1,2,4-Trimethylbenzene
Concen: 11.665 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

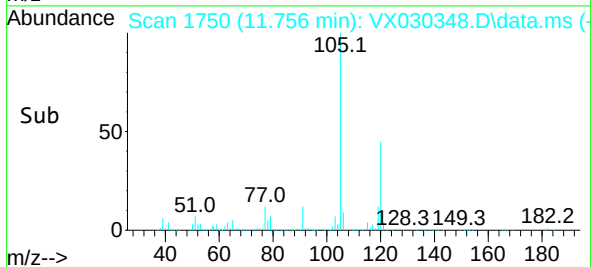
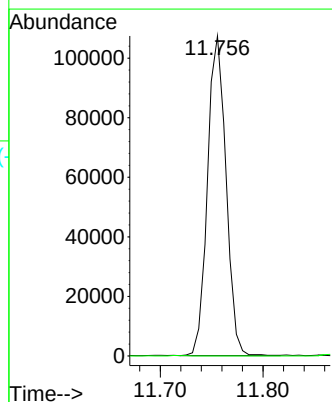
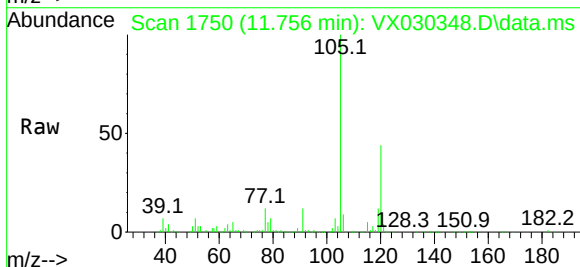
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

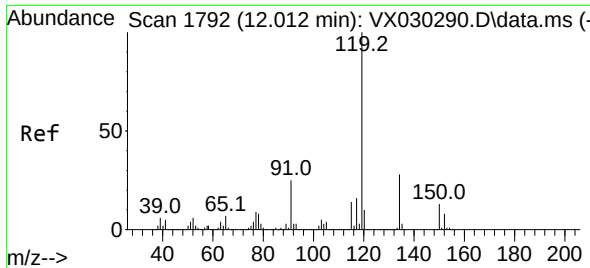
Tgt Ion:105 Resp: 134693
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.8



#85
sec-Butylbenzene
Concen: 9.174 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion:105 Resp: 134693
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#

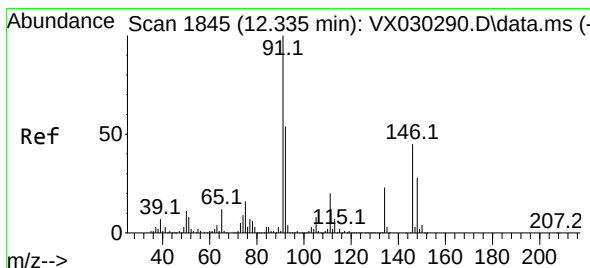
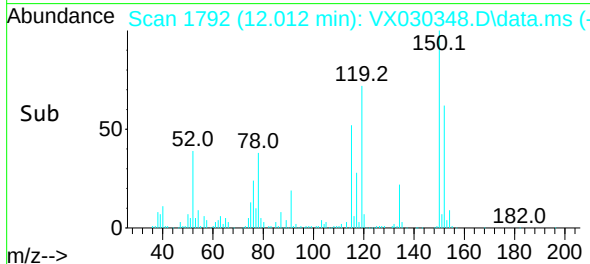
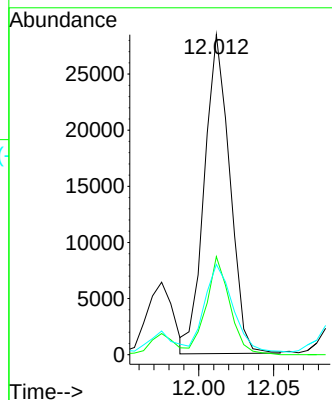
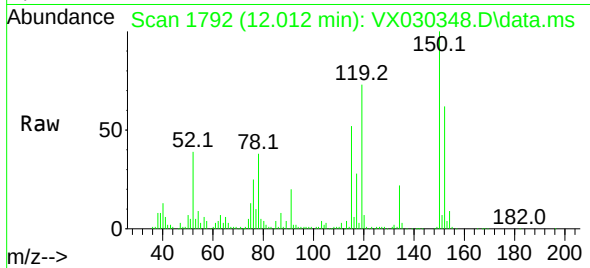




#86
p-Isopropyltoluene
Concen: 2.853 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

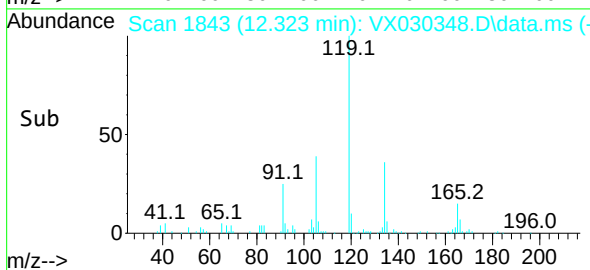
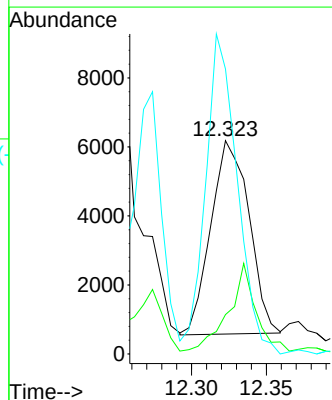
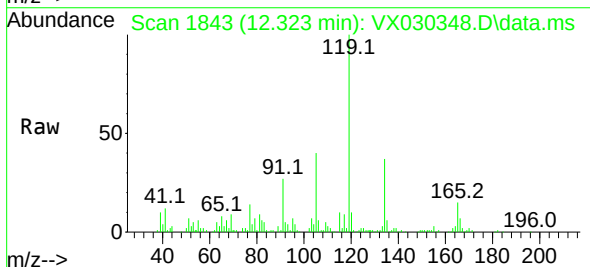
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-C

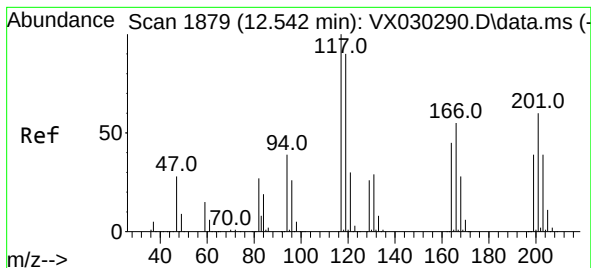
Tgt Ion:119 Resp: 33513
Ion Ratio Lower Upper
119 100
134 28.2 13.9 41.6
91 30.2 11.8 35.3



#89
n-Butylbenzene
Concen: 0.910 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX030348.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 91 Resp: 9957
Ion Ratio Lower Upper
91 100
92 30.4 26.2 78.5
134 134.6 12.6 37.8#





#90

Hexachloroethane

Concen: 1.625 ug/l

RT: 12.554 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_X

ClientSampleId :

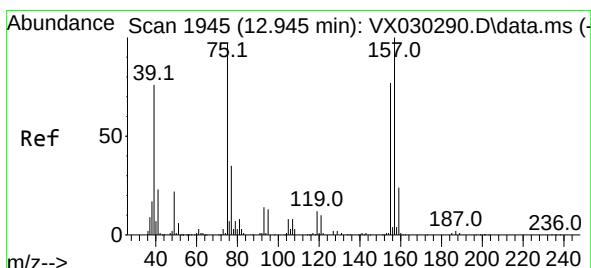
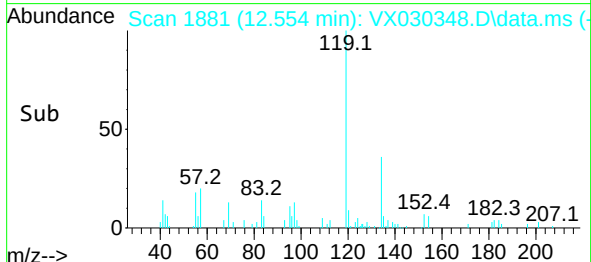
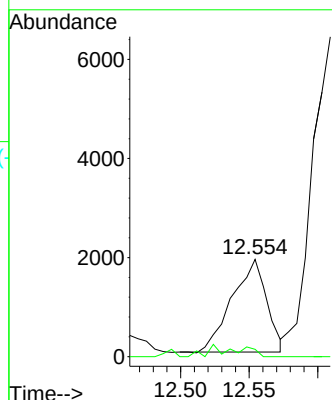
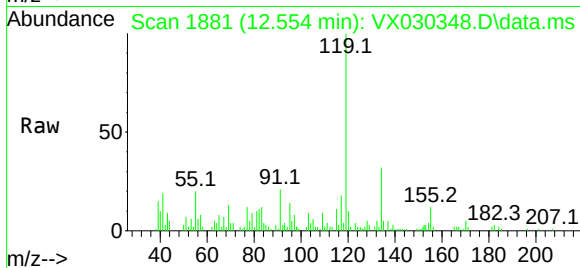
HMGP-SOIL-C

Tgt Ion:117 Resp: 3287

Ion Ratio Lower Upper

117 100

201 3.9 34.2 102.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.145 ug/l

RT: 12.975 min Scan# 1950

Delta R.T. 0.031 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

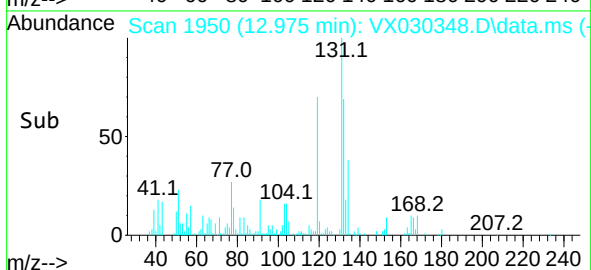
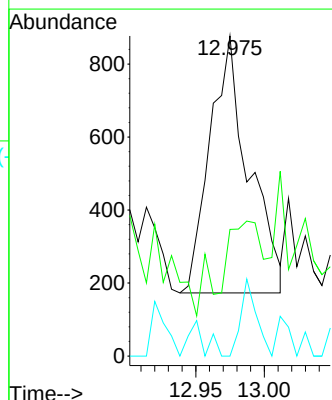
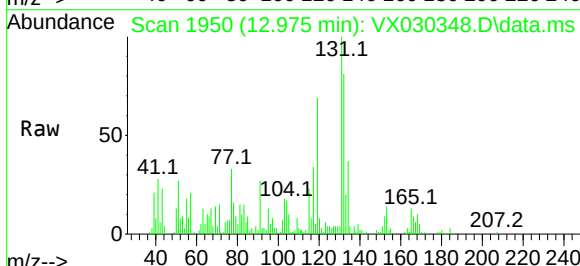
Tgt Ion: 75 Resp: 1389

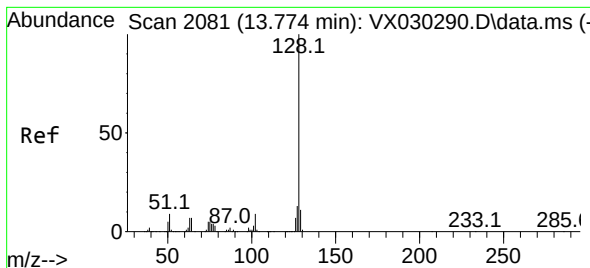
Ion Ratio Lower Upper

75 100

155 37.8 45.0 134.8#

157 12.0 56.9 170.7#





#95

Naphthalene

Concen: 442.616 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-C

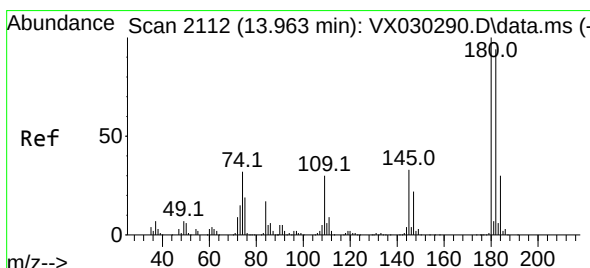
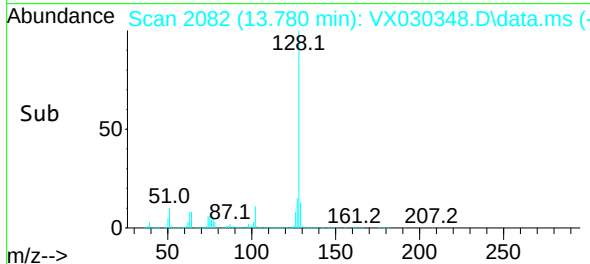
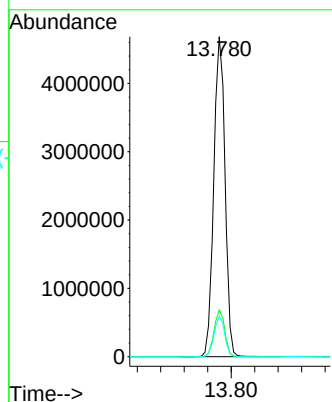
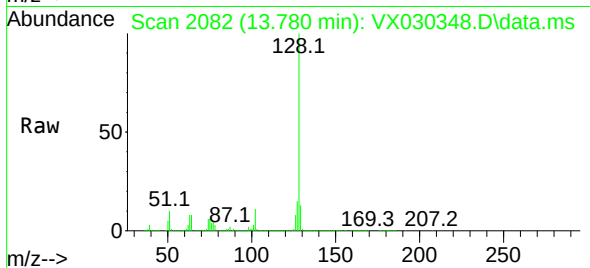
Tgt Ion:128 Resp: 6208867

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

129 12.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.209 ug/l

RT: 13.975 min Scan# 2114

Delta R.T. 0.013 min

Lab File: VX030348.D

Acq: 02 Aug 2022 13:33

Tgt Ion:180 Resp: 770

Ion Ratio Lower Upper

180 100

182 0.0 47.0 141.0#

145 205.5 17.0 50.9#

