

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004000.D
 Acq On : 11 Feb 2021 13:44
 Operator : SY/MD
 Sample : M1363-02
 Misc : 3.01g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCP-SS-8-SOIL

Quant Time: Feb 11 13:58:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

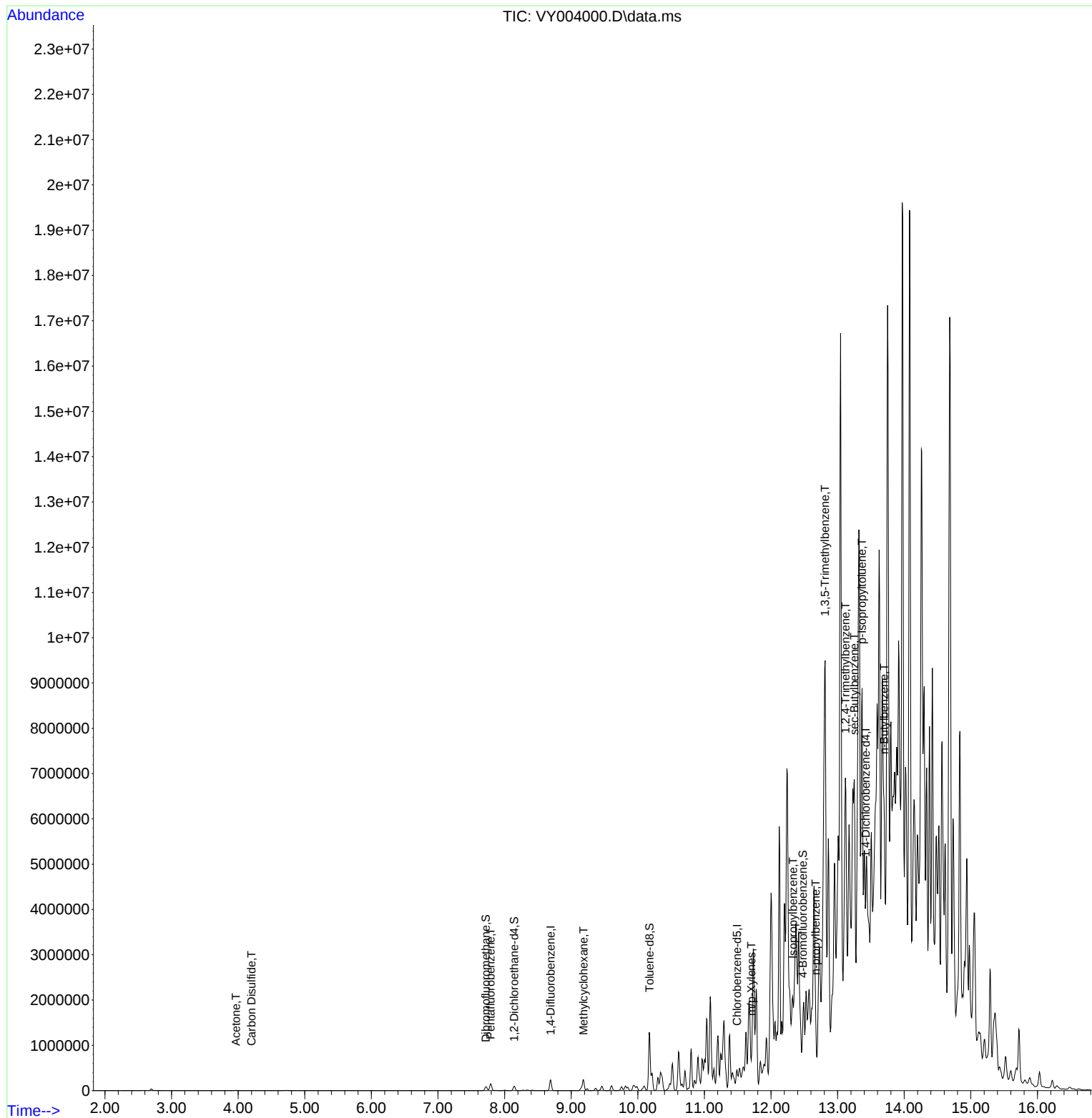
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	115351	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	193952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	175017	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81104	63.94	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 127.88%		
35) Dibromofluoromethane	7.716	113	60106	53.00	ug/l	-0.01
Spiked Amount 50.000	Range	54 - 147	Recovery	= 106.00%		
50) Toluene-d8	10.179	98	283837	63.78	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 127.56%		
62) 4-Bromofluorobenzene	12.477	95	150428	92.73	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 185.46%#		
Target Compounds						
						Qvalue
16) Acetone	3.966	43	11495	36.92	ug/l	95
17) Carbon Disulfide	4.198	76	5315	1.55	ug/l #	95
39) Methylcyclohexane	9.185	83	94427	40.39	ug/l	96
68) m/p-Xylenes	11.703	106	26517	10.76	ug/l #	66
73) Isopropylbenzene	12.331	105	153488	16.29	ug/l	99
78) n-propylbenzene	12.672	91	381951	34.06	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	533945	66.02	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	1723719	212.62	ug/l	98
85) sec-Butylbenzene	13.251	105	1260614	135.28	ug/l	88
86) p-Isopropyltoluene	13.367	119	468968	53.95	ug/l	99
89) n-Butylbenzene	13.696	91	1566427	194.09	ug/l #	70

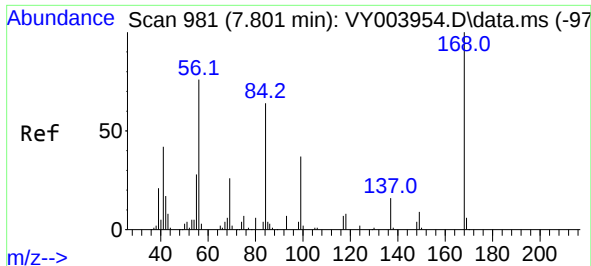
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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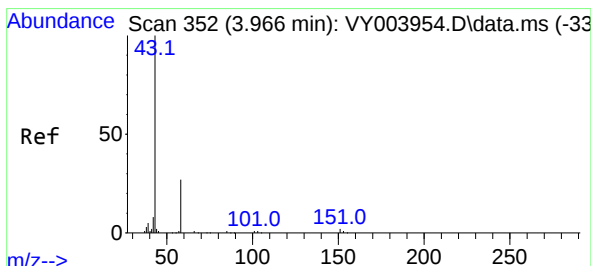
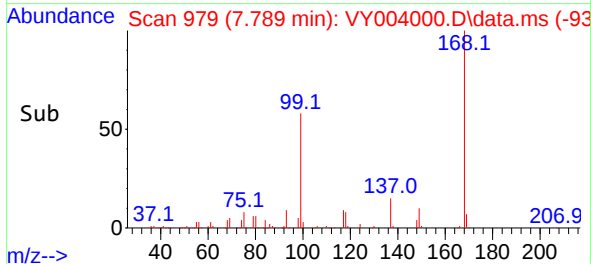
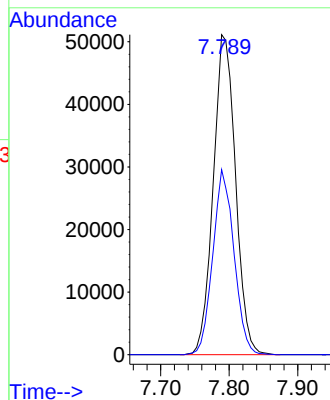
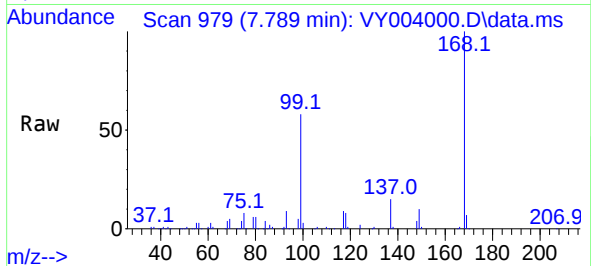




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

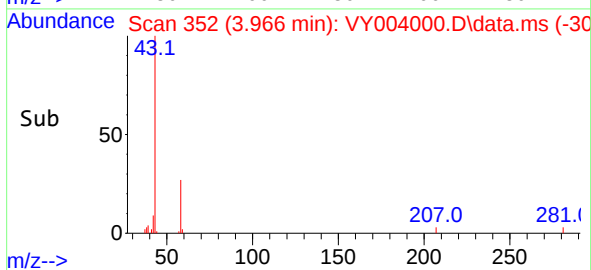
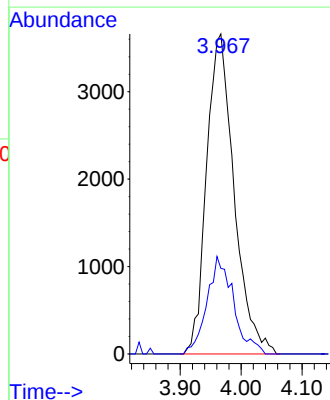
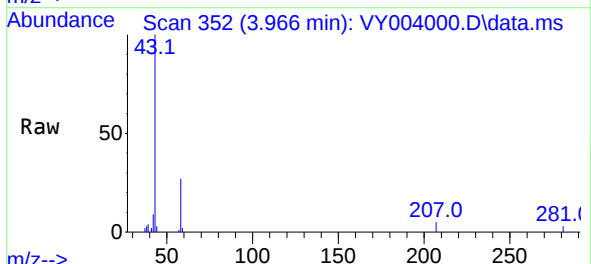
Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-8-SOIL

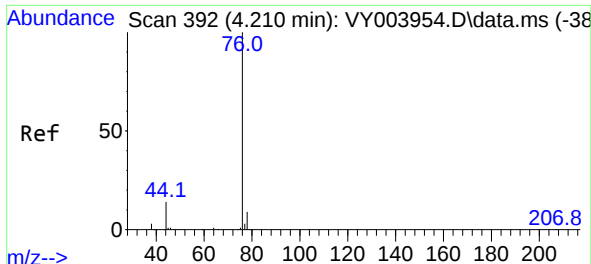
Tgt Ion:168 Resp: 115351
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#16
Acetone
Concen: 36.92 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

Tgt Ion: 43 Resp: 11495
Ion Ratio Lower Upper
43 100
58 26.7 23.4 35.0

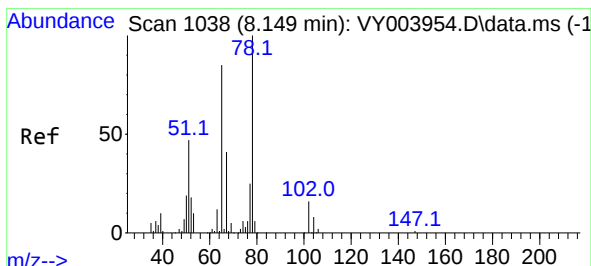
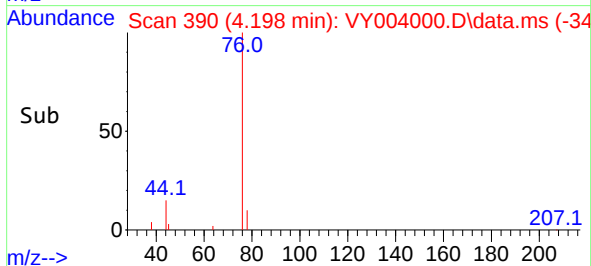
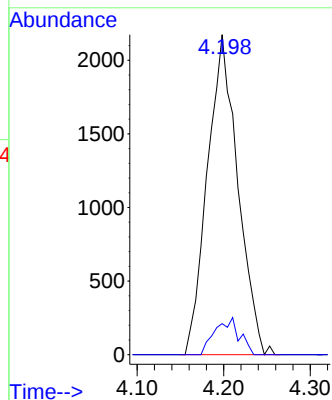
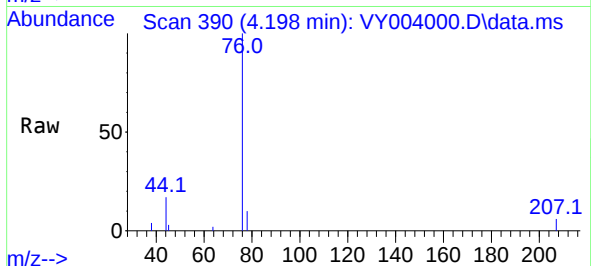




#17
Carbon Disulfide
Concen: 1.55 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

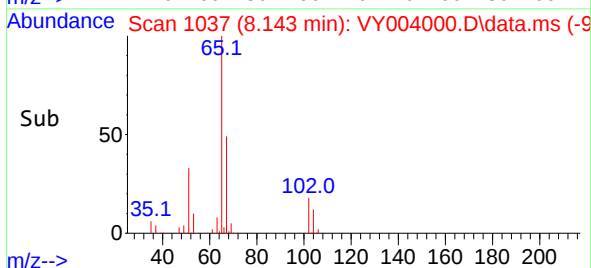
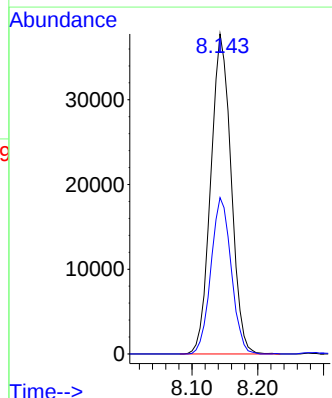
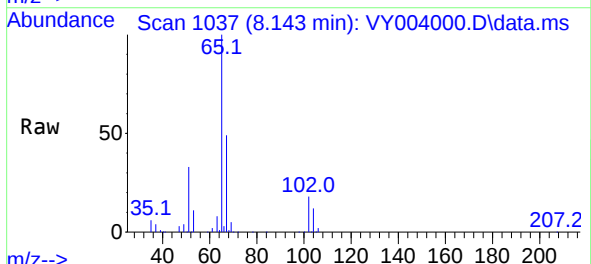
Instrument :
MSVOA_Y
ClientSampleId :
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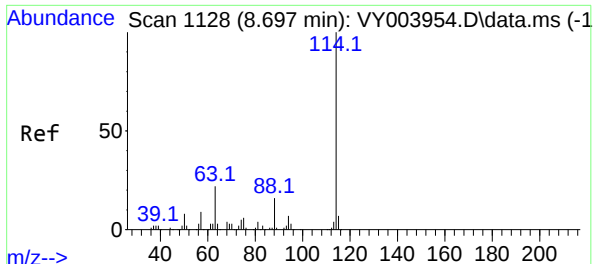
Tgt Ion: 76 Resp: 5315
Ion Ratio Lower Upper
76 100
78 9.7 6.3 9.5#



#33
1,2-Dichloroethane-d4
Concen: 63.94 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

Tgt Ion: 65 Resp: 81104
Ion Ratio Lower Upper
65 100
67 48.7 0.0 101.8

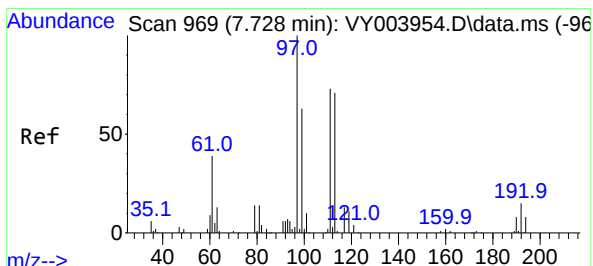
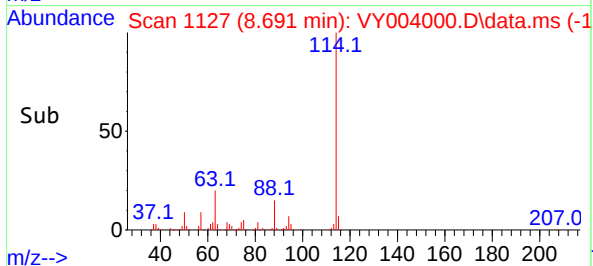
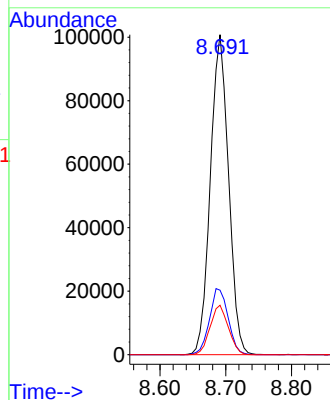
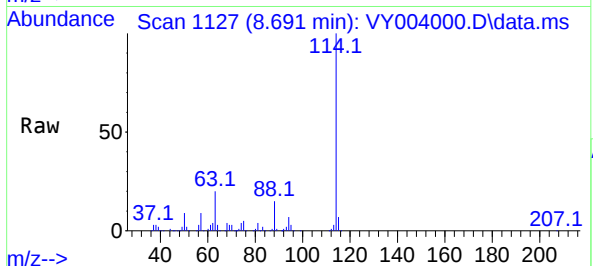




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

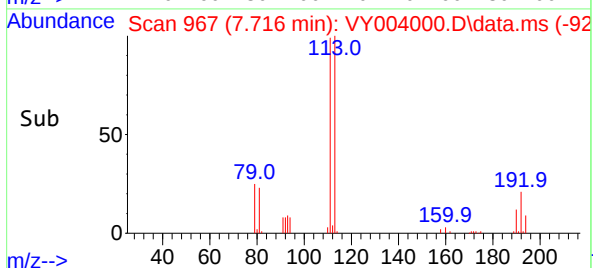
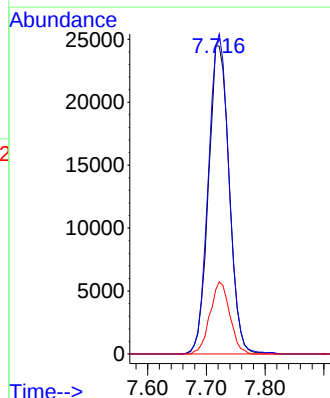
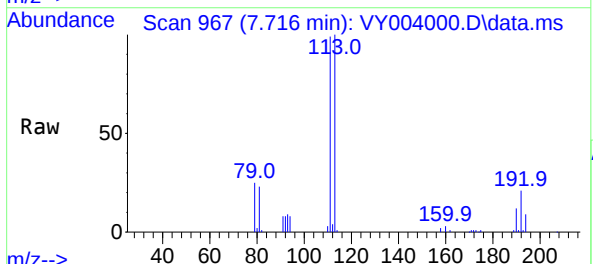
Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-8-SOIL

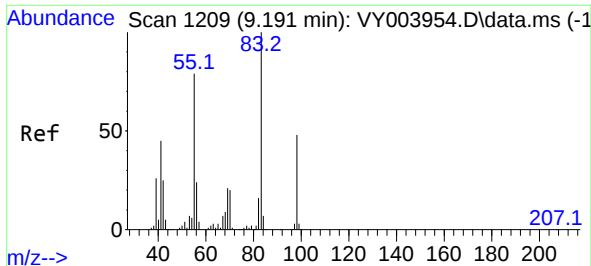
Tgt Ion:	114	Resp:	193952
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	47.2
88	15.4	0.0	30.2



#35
Dibromofluoromethane
Concen: 53.00 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

Tgt Ion:	113	Resp:	60106
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	22.3	18.3	27.5

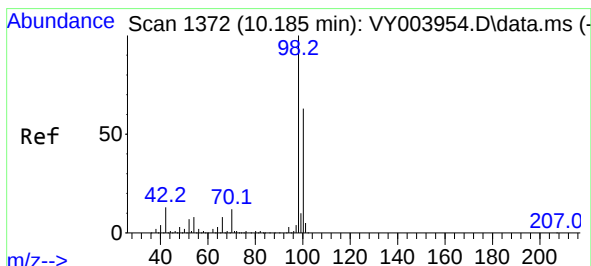
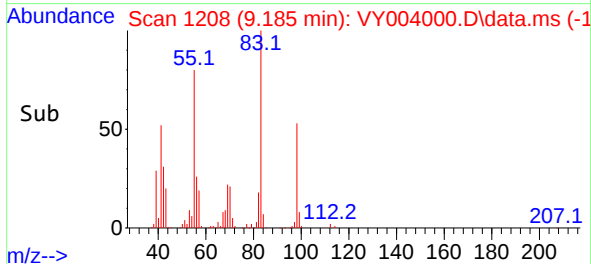
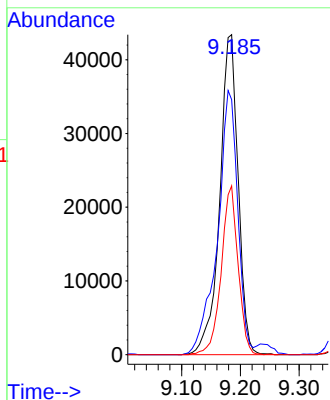
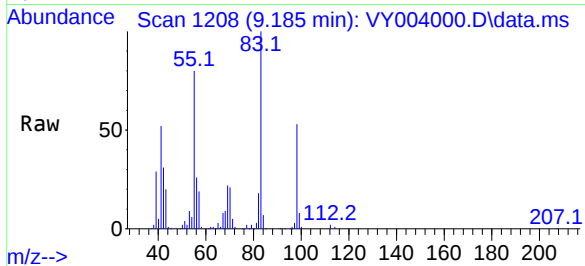




#39
Methylcyclohexane
Concen: 40.39 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

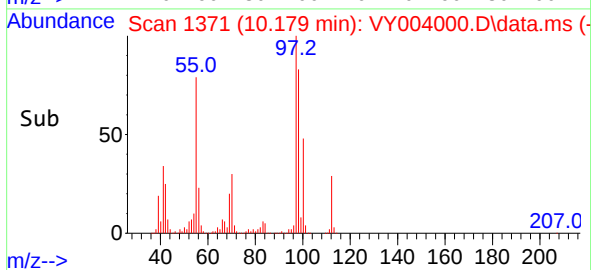
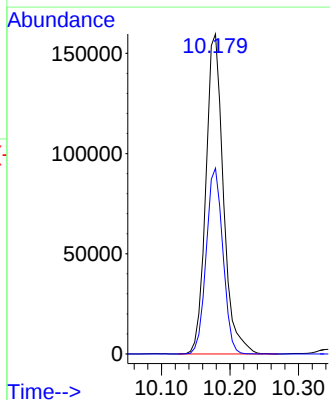
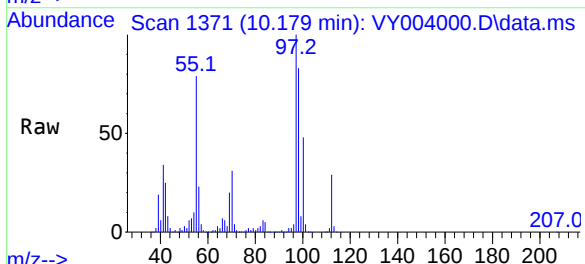
Instrument :
MSVOA_Y
ClientSampled :
VCP-SS-8-SOIL

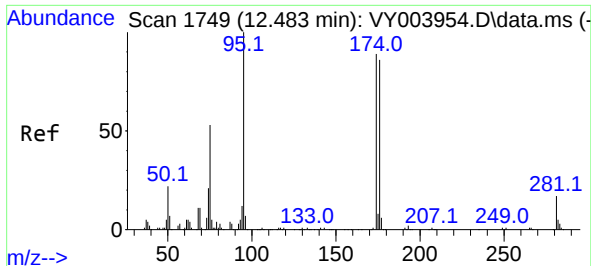
Tgt Ion: 83 Resp: 94427
Ion Ratio Lower Upper
83 100
55 79.7 65.8 98.6
98 52.7 38.3 57.5



#50
Toluene-d8
Concen: 63.78 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

Tgt Ion: 98 Resp: 283837
Ion Ratio Lower Upper
98 100
100 55.0 50.5 75.7

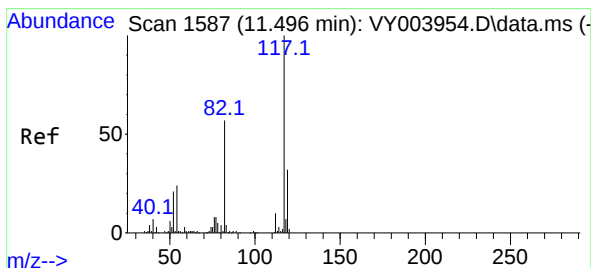
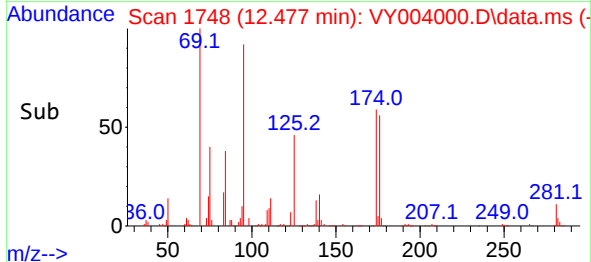
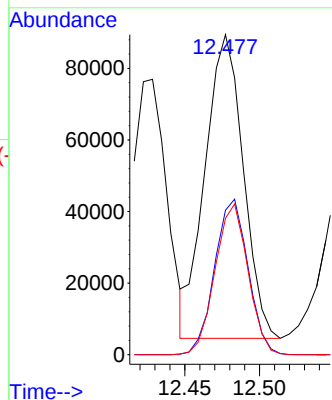
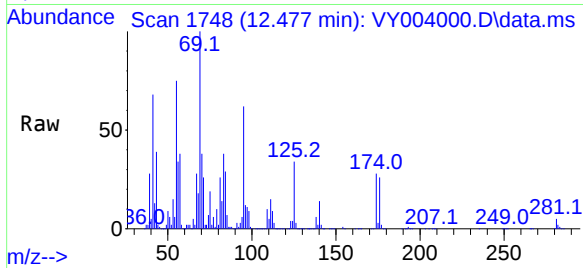




#62
4-Bromofluorobenzene
Concen: 92.73 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

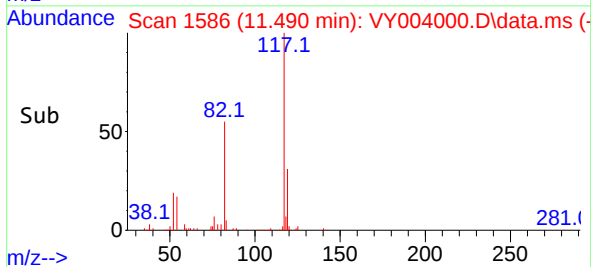
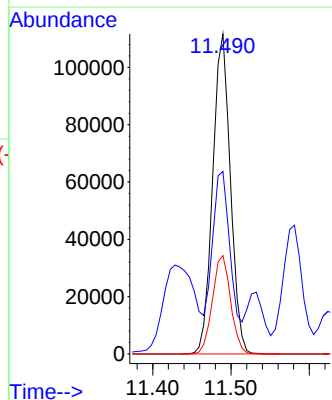
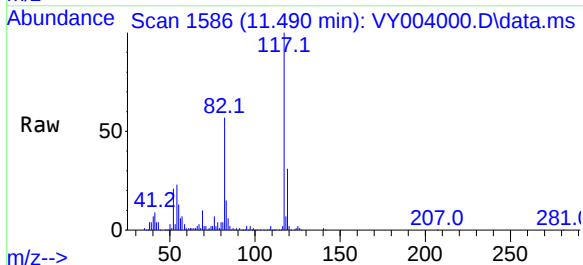
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ClientSampleId :
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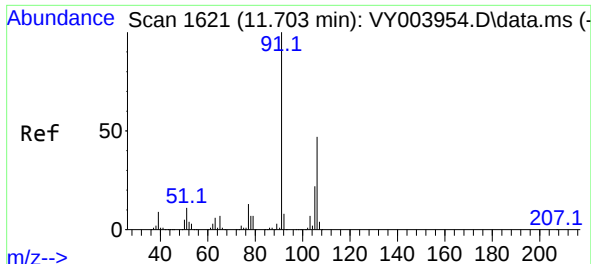
Tgt Ion: 95 Resp: 150428
Ion Ratio Lower Upper
95 100
174 44.9 0.0 184.4
176 42.8 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

Tgt Ion: 117 Resp: 175017
Ion Ratio Lower Upper
117 100
82 40.7 44.3 66.5#
119 30.8 25.0 37.6

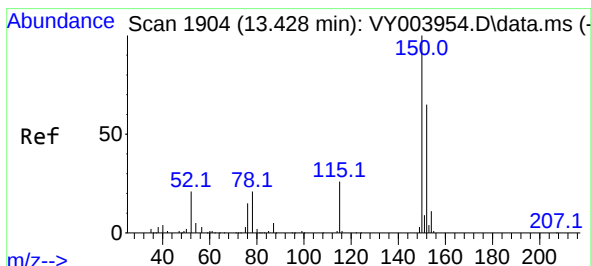
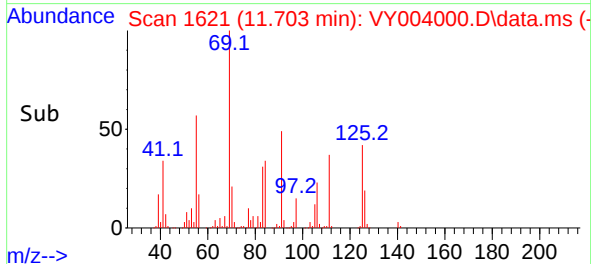
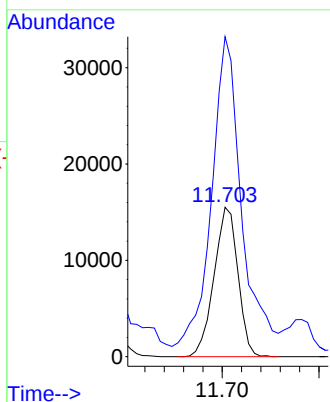
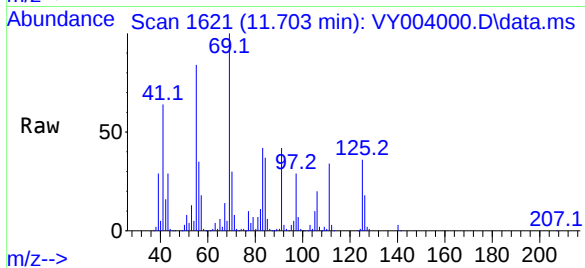




#68
m/p-Xylenes
Concen: 10.76 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

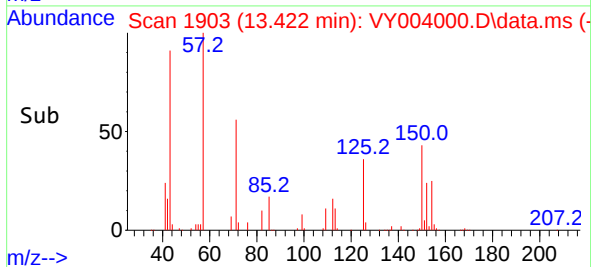
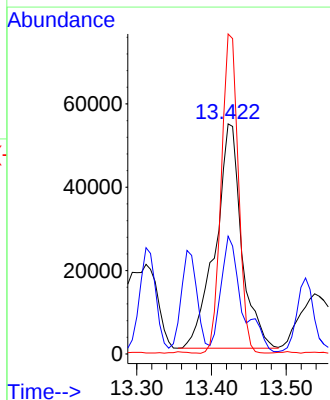
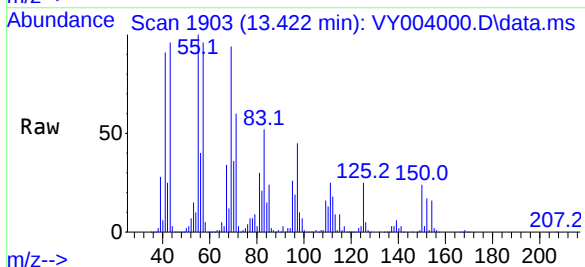
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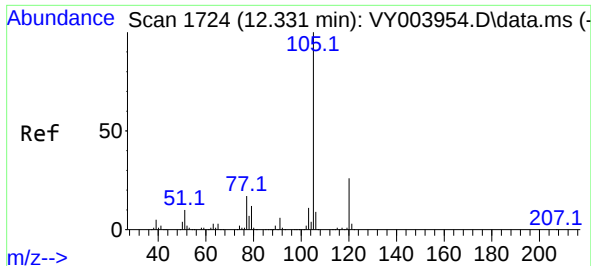
Tgt Ion:106 Resp: 26517
Ion Ratio Lower Upper
106 100
91 261.5 167.1 250.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

Tgt Ion:152 Resp: 131675
Ion Ratio Lower Upper
152 100
115 41.3 28.2 84.6
150 92.5 0.0 356.2

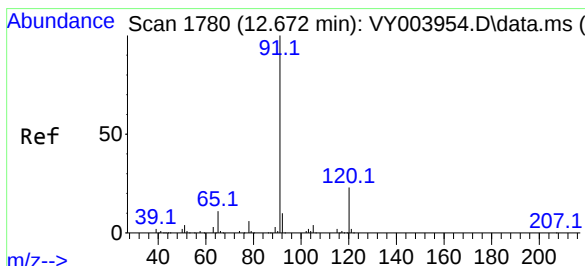
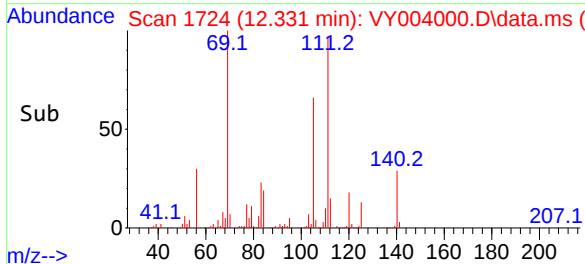
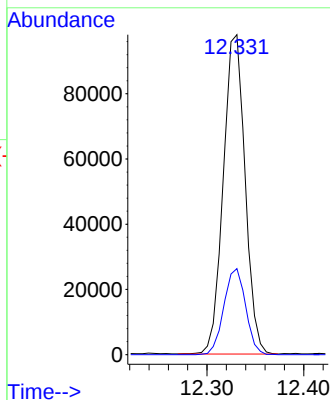
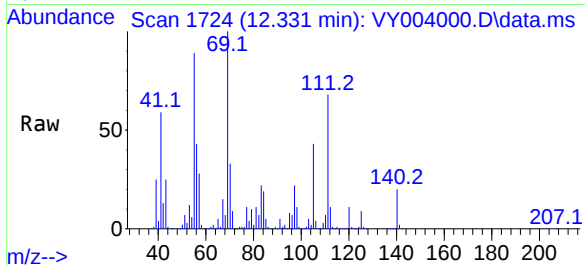




#73
Isopropylbenzene
Concen: 16.29 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

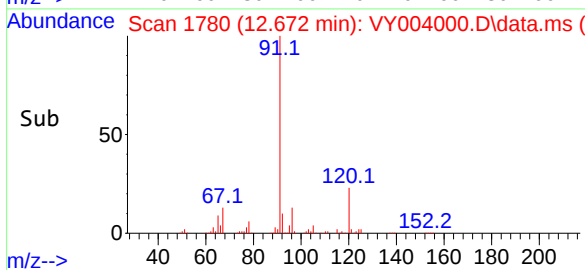
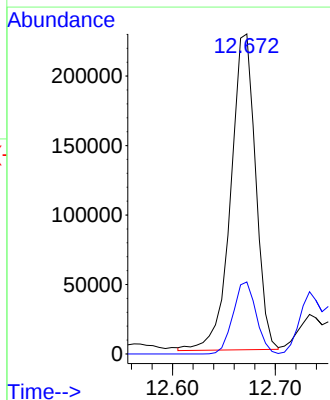
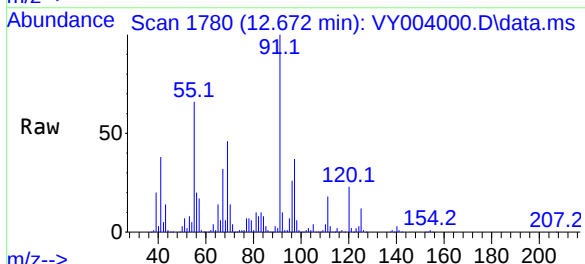
Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-8-SOIL

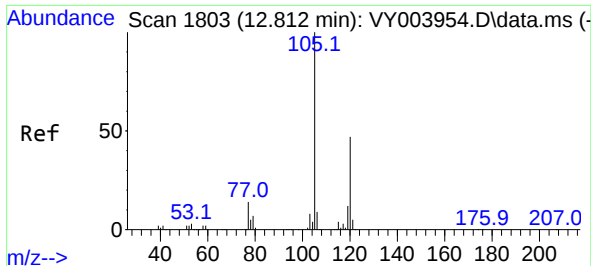
Tgt Ion:105 Resp: 153488
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.8



#78
n-propylbenzene
Concen: 34.06 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

Tgt Ion: 91 Resp: 381951
Ion Ratio Lower Upper
91 100
120 21.3 11.4 34.2

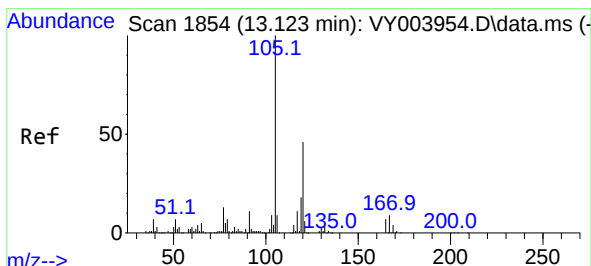
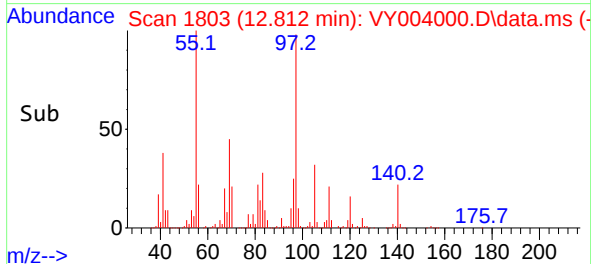
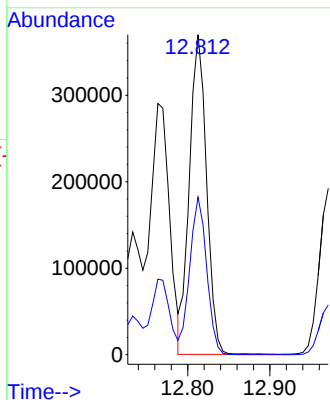
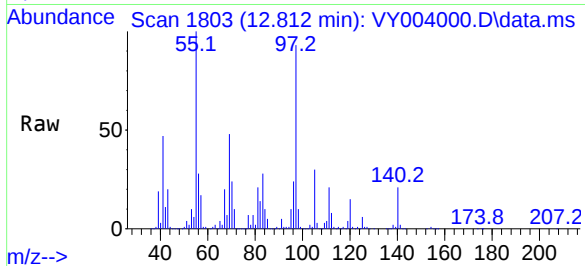




#80
1,3,5-Trimethylbenzene
Concen: 66.02 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

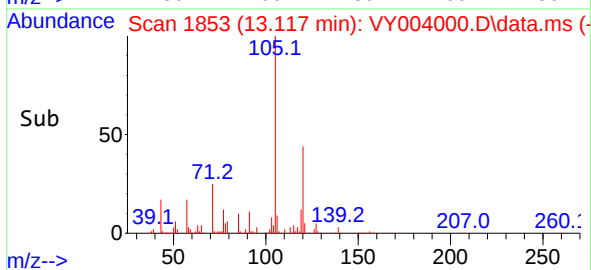
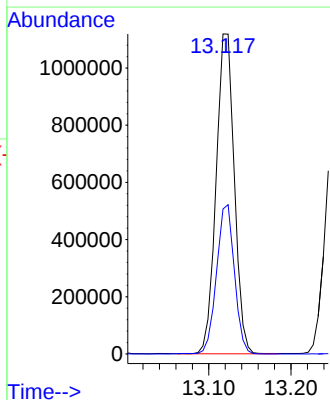
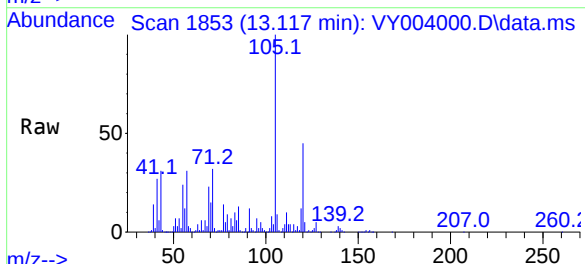
Instrument :
MSVOA_Y
ClientSampled :
VCP-SS-8-SOIL

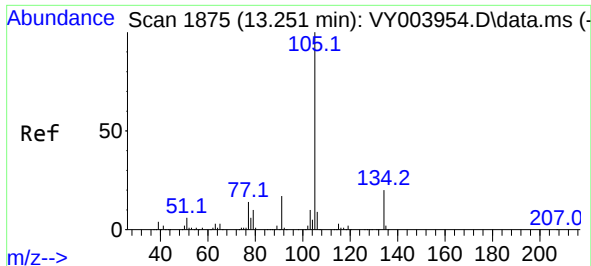
Tgt Ion:105 Resp: 533945
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7



#84
1,2,4-Trimethylbenzene
Concen: 212.62 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

Tgt Ion:105 Resp: 1723719
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6

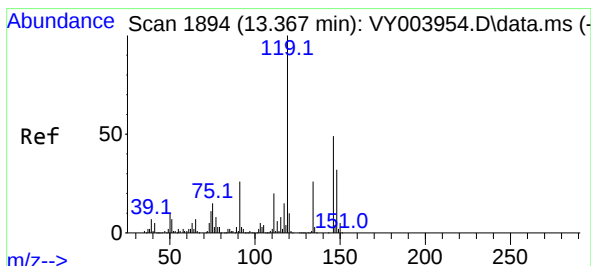
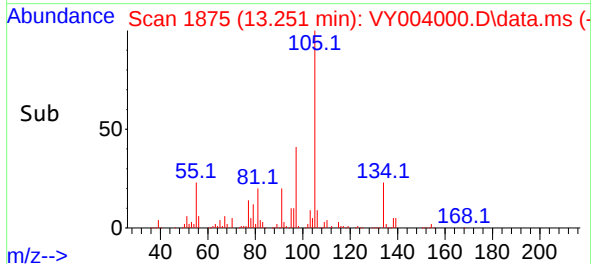
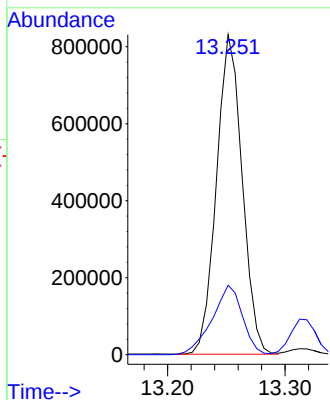
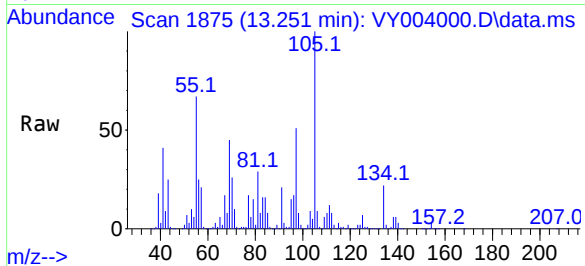




#85
 sec-Butylbenzene
 Concen: 135.28 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY004000.D
 Acq: 11 Feb 2021 13:44

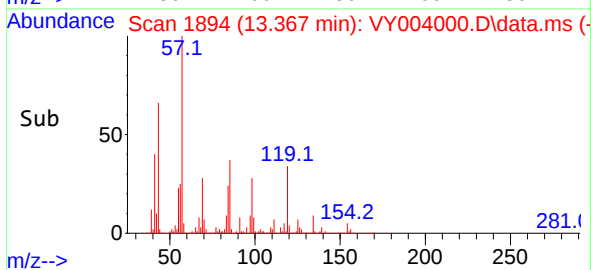
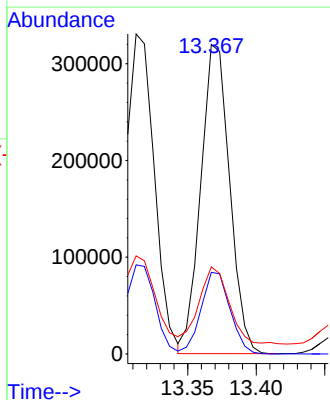
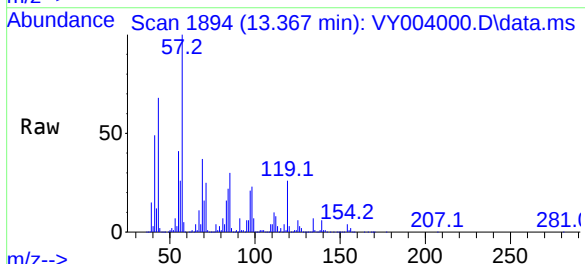
Instrument :
 MSVOA_Y
 ClientSampled :
 VCP-SS-8-SOIL

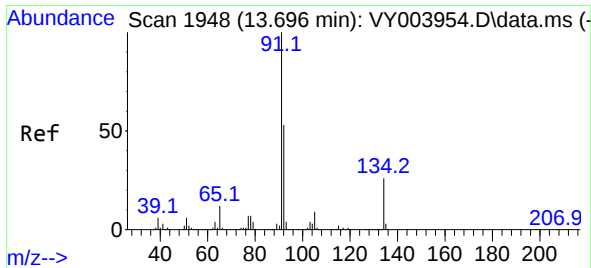
Tgt Ion:105 Resp: 1260614
 Ion Ratio Lower Upper
 105 100
 134 25.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 53.95 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY004000.D
 Acq: 11 Feb 2021 13:44

Tgt Ion:119 Resp: 468968
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.5
 91 25.8 12.8 38.3





#89
n-Butylbenzene
Concen: 194.09 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004000.D
Acq: 11 Feb 2021 13:44

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-8-SOIL

Tgt Ion: 91 Resp: 1566427
Ion Ratio Lower Upper
91 100
92 39.5 26.4 79.2
134 0.0 13.2 39.5#

