

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004109.D
 Acq On : 17 Mar 2021 17:30
 Operator : SY/MD
 Sample : M1709-01
 Misc : 5.93g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSHQ-SOIL

Quant Time: Mar 18 01:51:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

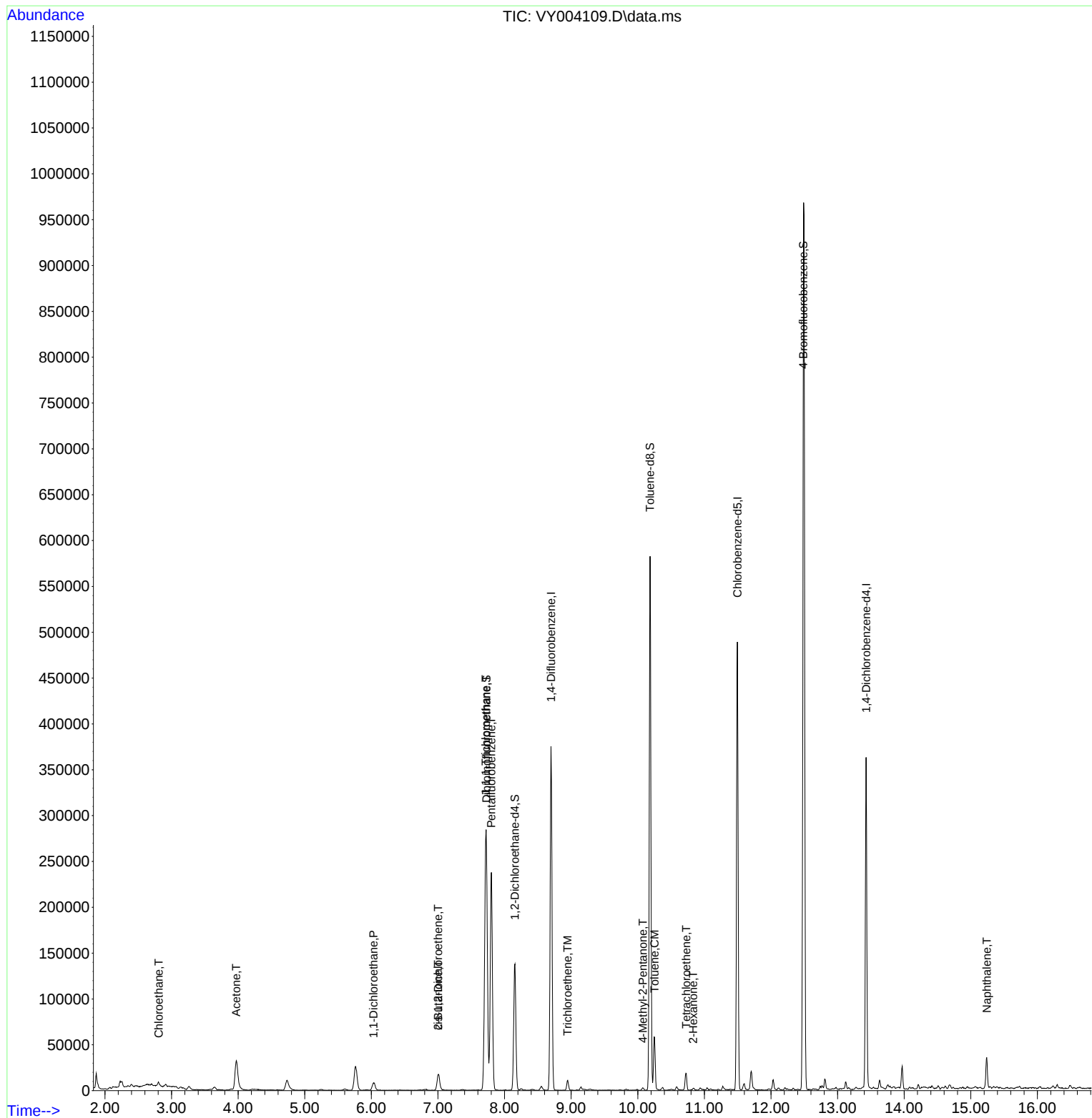
Internal Standards						
1) Pentafluorobenzene	7.801	168	187260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	319682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	266817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	108684	58.81	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	117.62%	
35) Dibromofluoromethane	7.728	113	100806	55.92	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	111.84%	
50) Toluene-d8	10.185	98	370790	52.46	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.483	95	106463	40.79	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	81.58%	
Target Compounds						
						Qvalue
6) Chloroethane	2.808	64	3819	2.77	ug/l	91
16) Acetone	3.973	43	66253	148.53	ug/l	90
24) 1,1-Dichloroethane	6.033	63	12467	3.91	ug/l #	92
25) 2-Butanone	7.003	43	24754	38.50	ug/l	95
27) cis-1,2-Dichloroethene	7.003	96	2711	1.29	ug/l	77
32) 1,1,1-Trichloroethane	7.716	97	145854	47.54	ug/l	99
44) Trichloroethene	8.947	130	3747	1.64	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	1833	1.19	ug/l	99
52) Toluene	10.252	92	24976	4.87	ug/l	94
59) 2-Hexanone	10.831	43	1703	1.58	ug/l	89
64) Tetrachloroethene	10.728	164	3690	1.65	ug/l #	88
95) Naphthalene	15.239	128	27593	8.28	ug/l	99

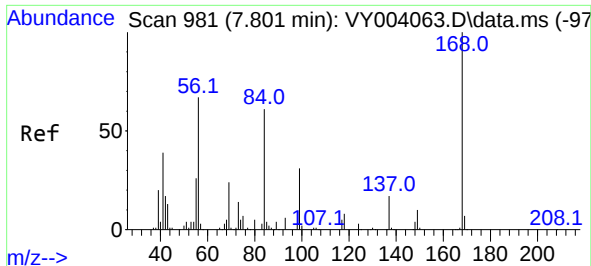
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
Data File : VY004109.D
Acq On : 17 Mar 2021 17:30
Operator : SY/MD
Sample : M1709-01
Misc : 5.93g/5mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSHQ-SOIL

Quant Time: Mar 18 01:51:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

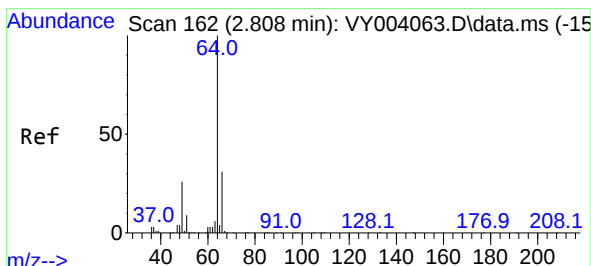
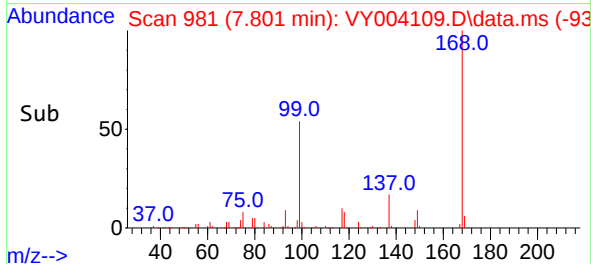
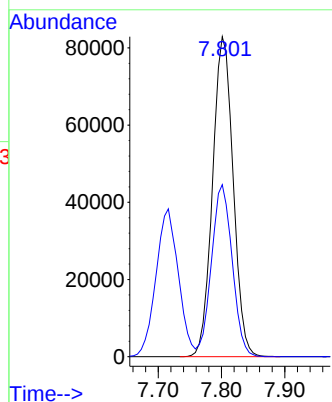
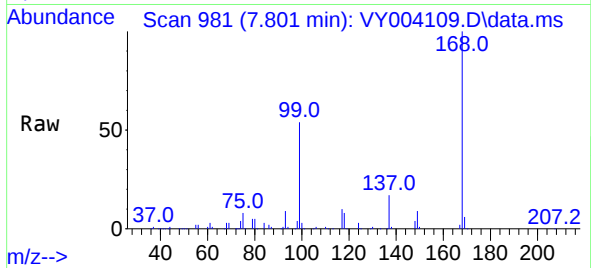




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

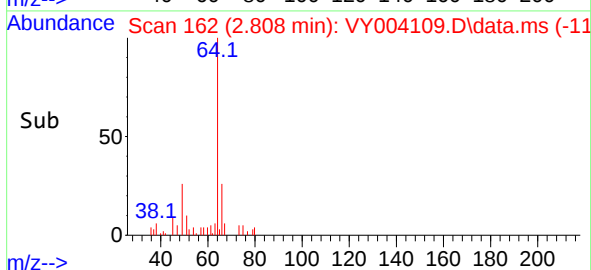
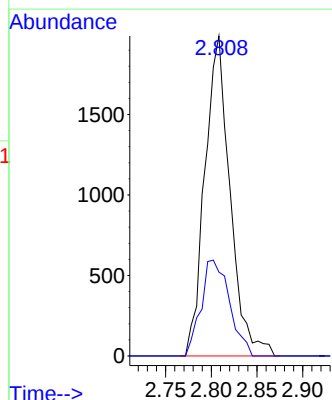
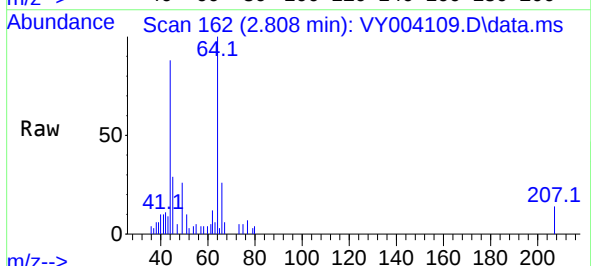
Instrument :
MSVOA_Y
ClientSampleId :
PSHQ-SOIL

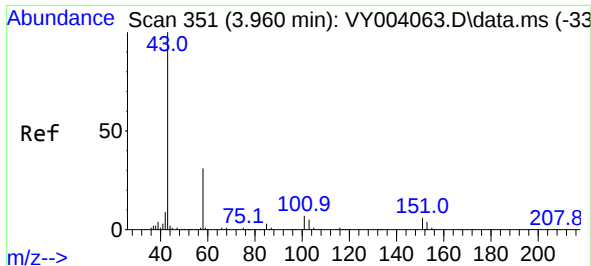
Tgt Ion:168 Resp: 187260
Ion Ratio Lower Upper
168 100
99 53.8 41.2 61.8



#6
Chloroethane
Concen: 2.77 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Tgt Ion: 64 Resp: 3819
Ion Ratio Lower Upper
64 100
66 26.2 25.0 37.6

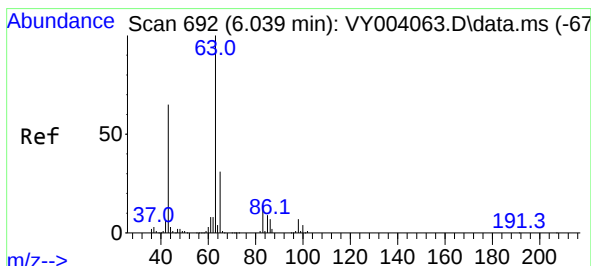
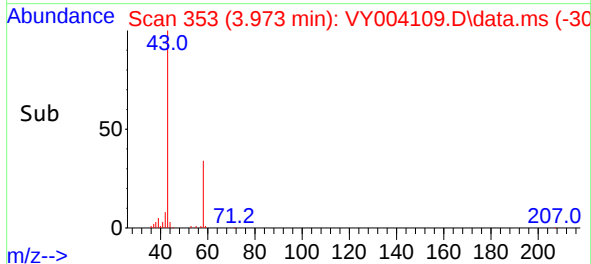
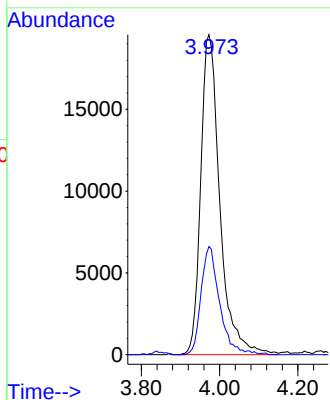
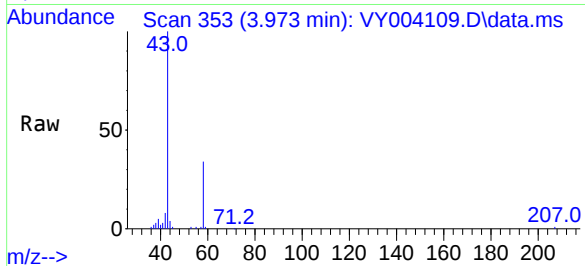




#16
Acetone
Concen: 148.53 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

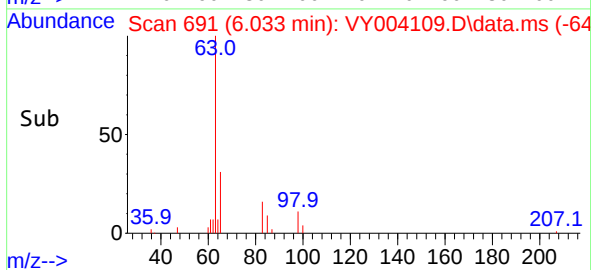
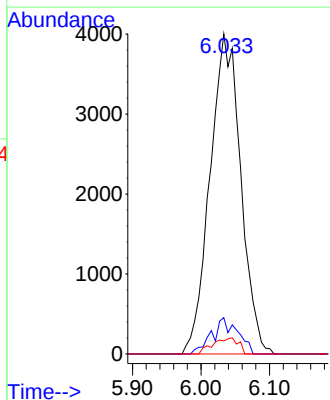
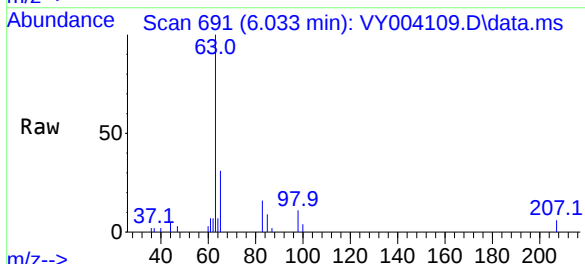
Instrument :
MSVOA_Y
ClientSampled :
PSHQ-SOIL

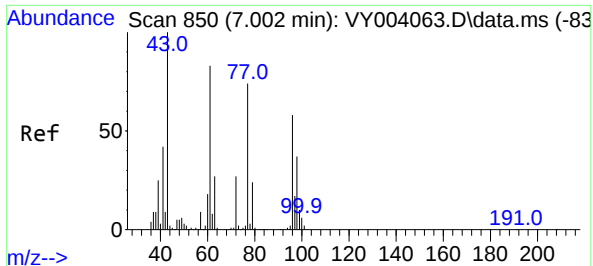
Tgt Ion: 43 Resp: 66253
Ion Ratio Lower Upper
43 100
58 33.8 22.6 34.0



#24
1,1-Dichloroethane
Concen: 3.91 ug/l
RT: 6.033 min Scan# 691
Delta R.T. -0.006 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Tgt Ion: 63 Resp: 12467
Ion Ratio Lower Upper
63 100
98 11.4 3.5 10.4#
100 4.1 2.3 6.9

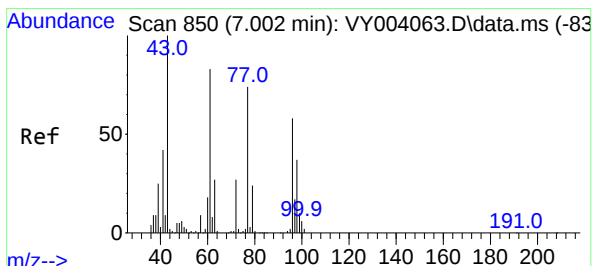
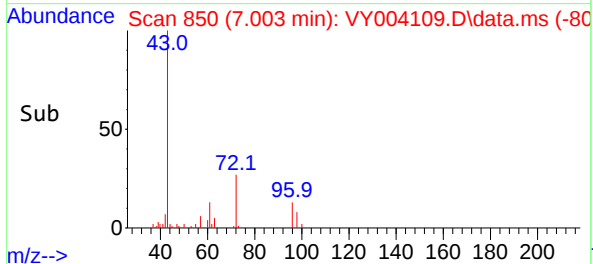
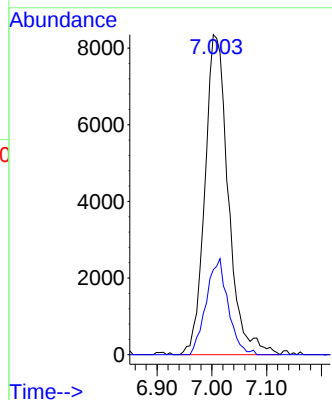
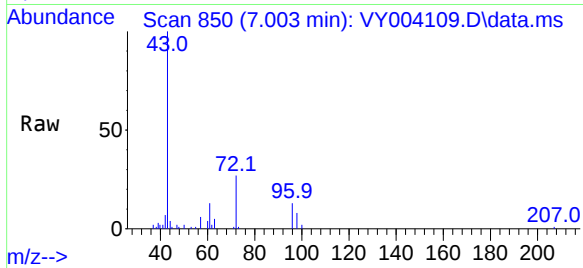




#25
2-Butanone
Concen: 38.50 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.001 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

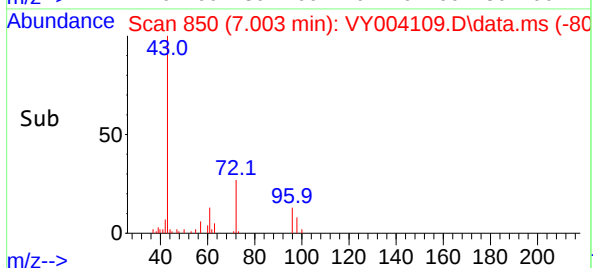
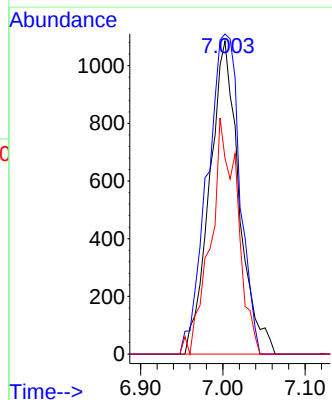
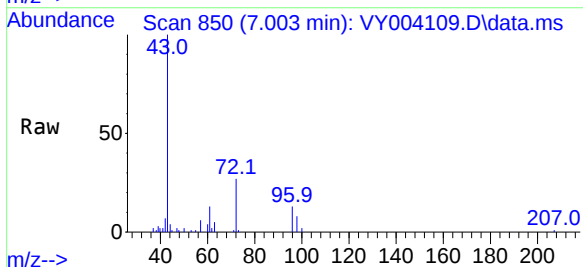
Instrument :
MSVOA_Y
ClientSampled :
PSHQ-SOIL

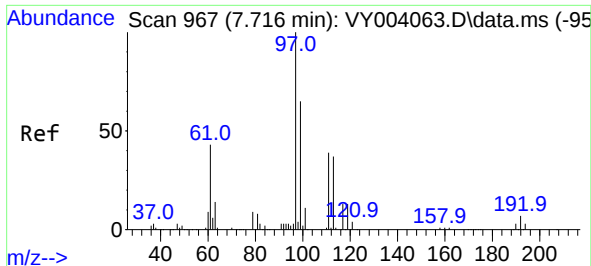
Tgt Ion: 43 Resp: 24754
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.0



#27
cis-1,2-Dichloroethene
Concen: 1.29 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.001 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Tgt Ion: 96 Resp: 2711
Ion Ratio Lower Upper
96 100
61 112.8 0.0 303.6
98 68.6 0.0 130.6

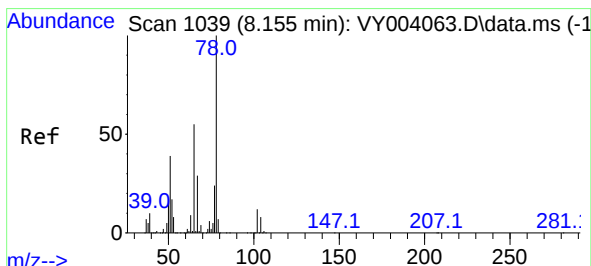
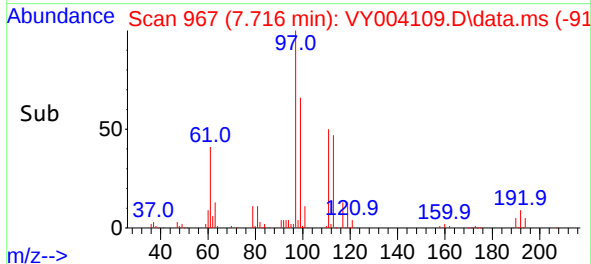
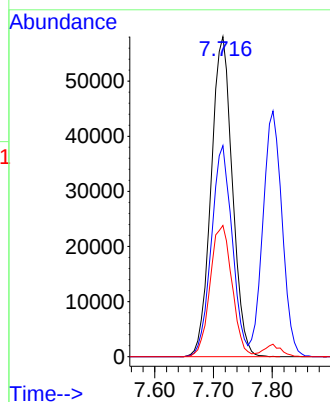
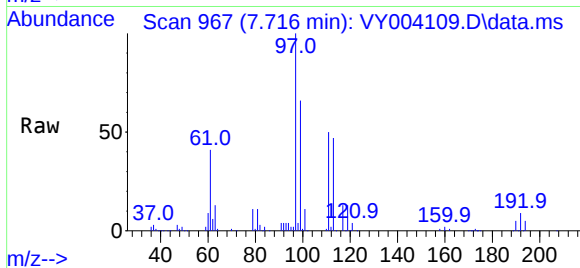




#32
1,1,1-Trichloroethane
Concen: 47.54 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

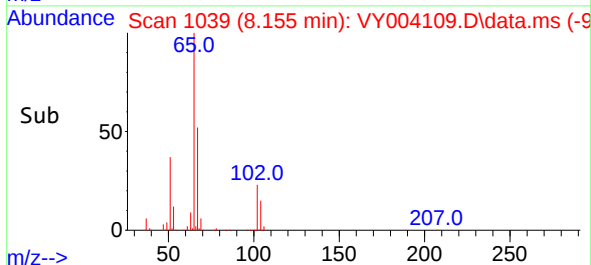
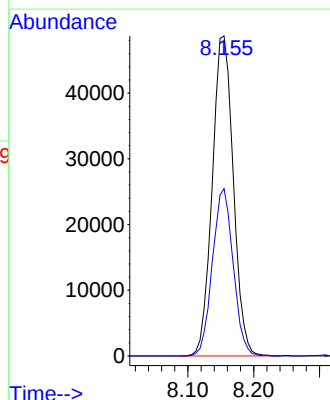
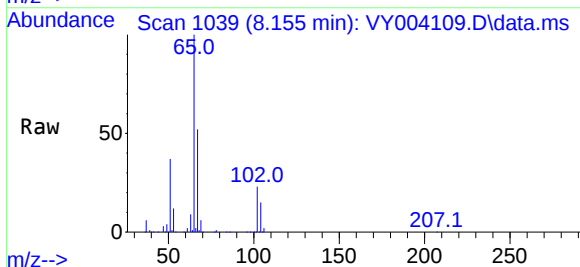
Instrument :
MSVOA_Y
ClientSampleId :
PSHQ-SOIL

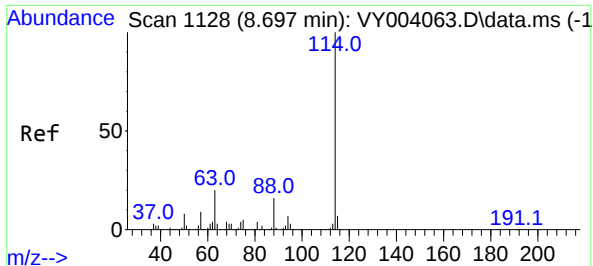
Tgt Ion: 97 Resp: 145854
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 42.3 34.5 51.7



#33
1,2-Dichloroethane-d4
Concen: 58.81 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Tgt Ion: 65 Resp: 108684
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4

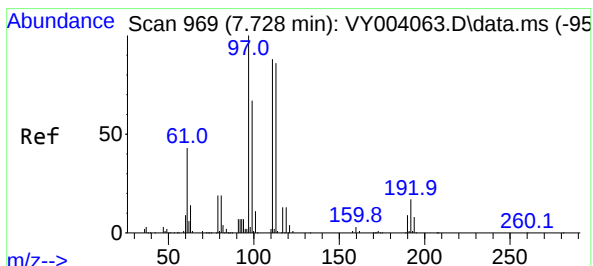
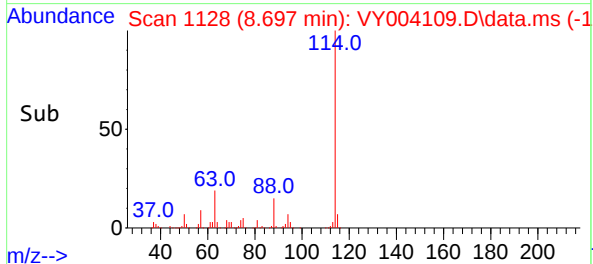
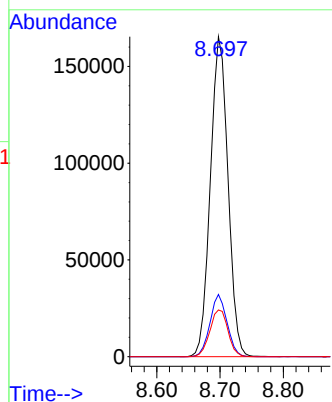
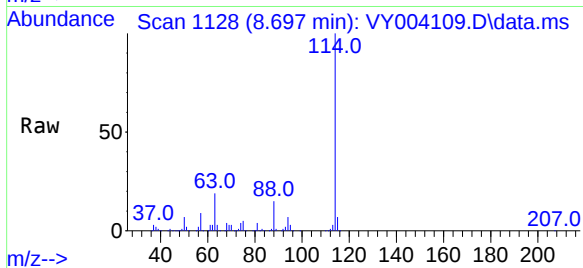




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

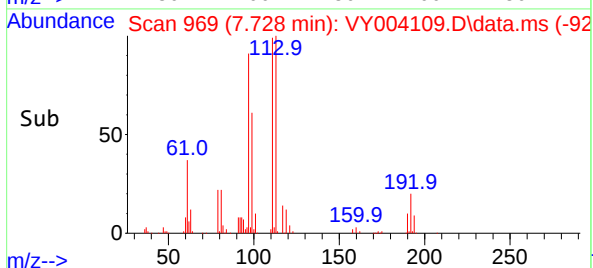
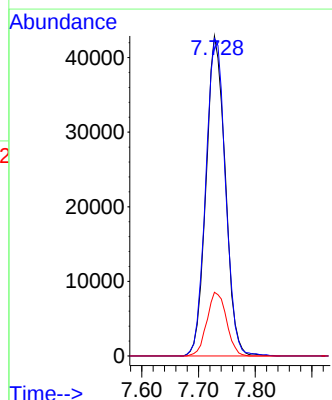
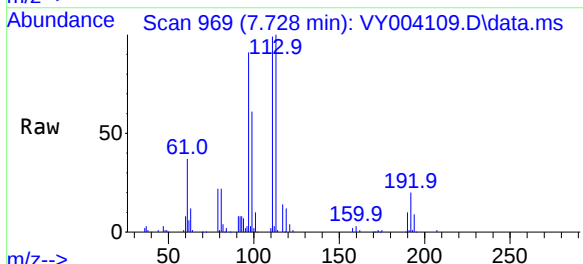
Instrument :
MSVOA_Y
ClientSampleId :
PSHQ-SOIL

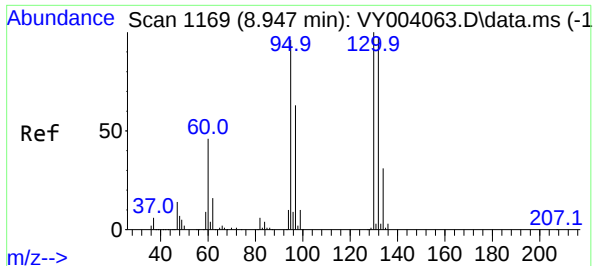
Tgt Ion:114 Resp: 319682
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 14.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.92 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Tgt Ion:113 Resp: 100806
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 20.3 18.5 27.7





#44

Trichloroethene

Concen: 1.64 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY004109.D

Acq: 17 Mar 2021 17:30

Instrument :

MSVOA_Y

ClientSampled :

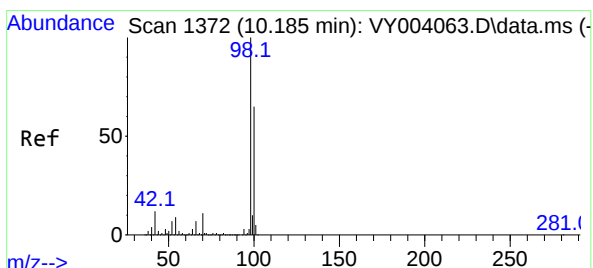
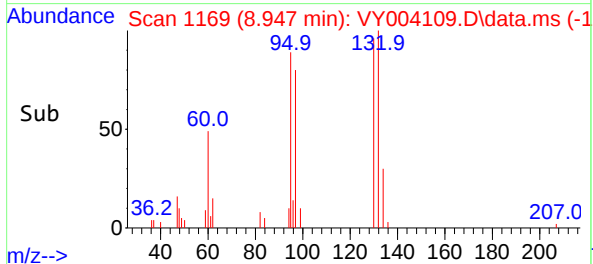
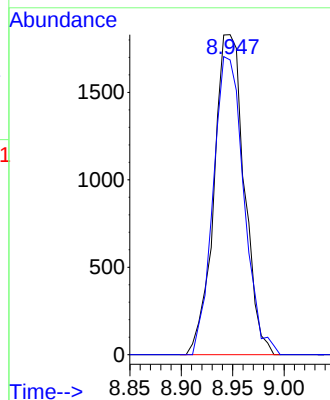
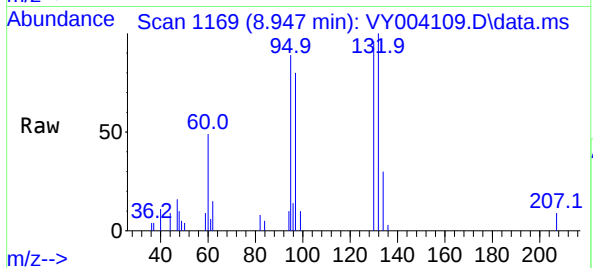
PSHQ-SOIL

Tgt Ion:130 Resp: 3747

Ion Ratio Lower Upper

130 100

95 92.1 0.0 188.0



#50

Toluene-d8

Concen: 52.46 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY004109.D

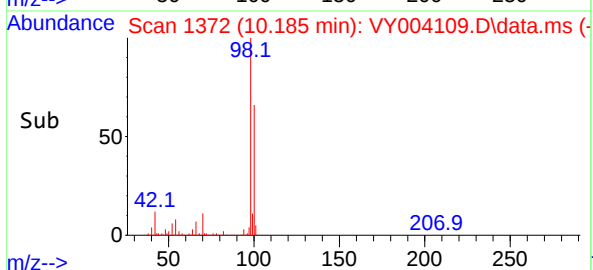
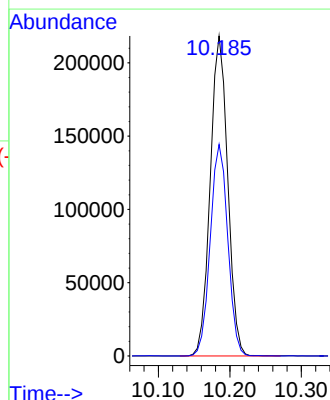
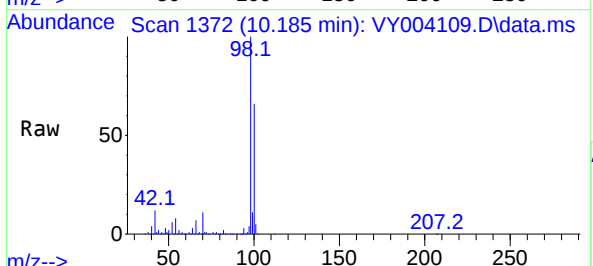
Acq: 17 Mar 2021 17:30

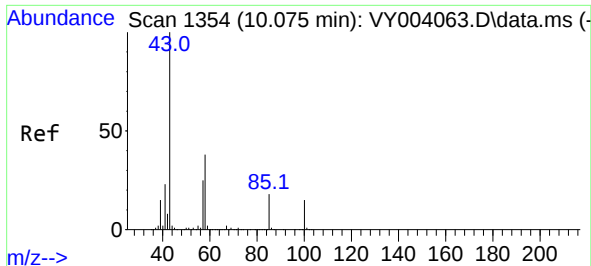
Tgt Ion: 98 Resp: 370790

Ion Ratio Lower Upper

98 100

100 66.2 51.8 77.6

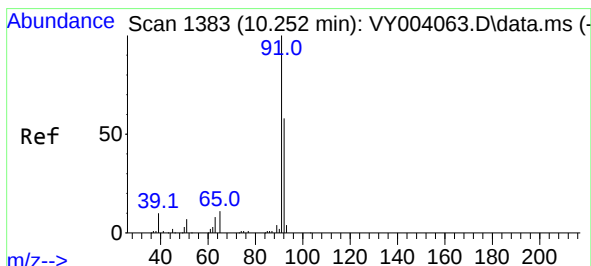
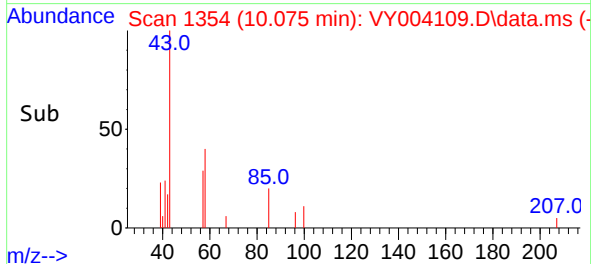
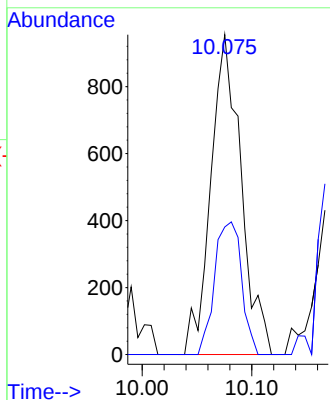
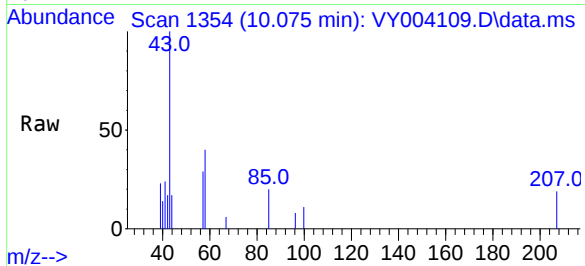




#51
4-Methyl-2-Pentanone
Concen: 1.19 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

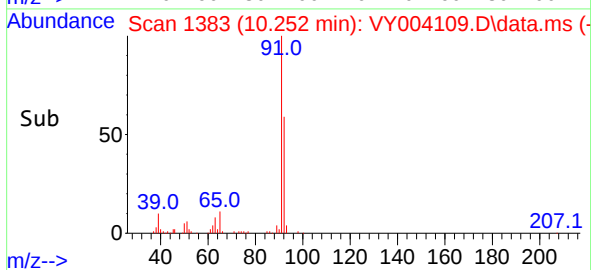
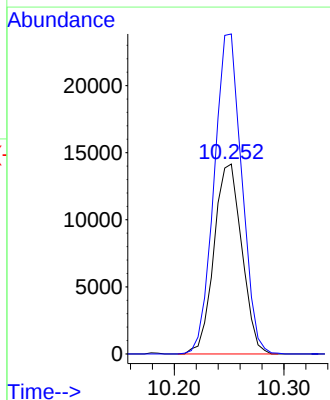
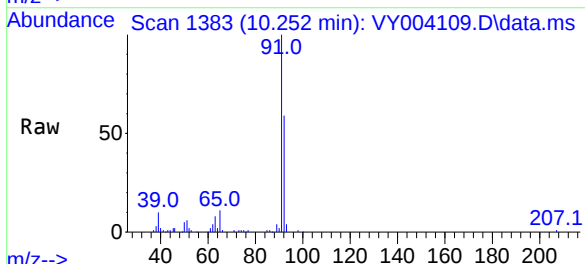
Instrument :
MSVOA_Y
ClientSampled :
PSHQ-SOIL

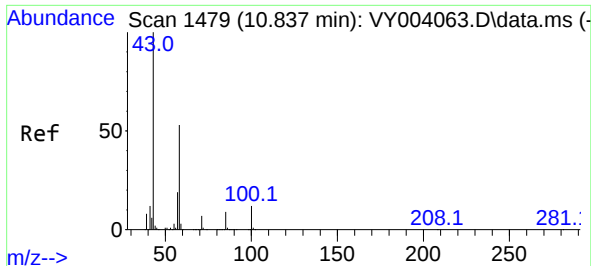
Tgt Ion: 43 Resp: 1833
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.8



#52
Toluene
Concen: 4.87 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Tgt Ion: 92 Resp: 24976
Ion Ratio Lower Upper
92 100
91 167.2 141.0 211.4

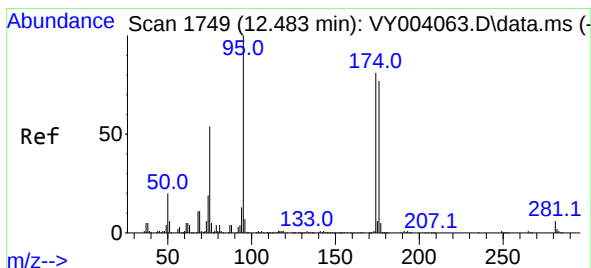
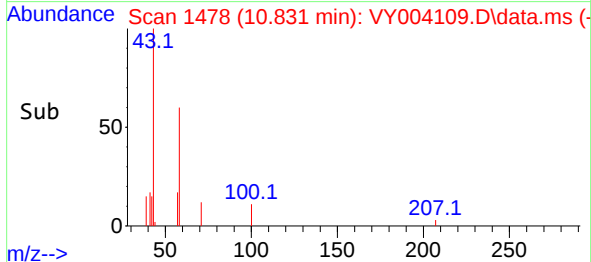
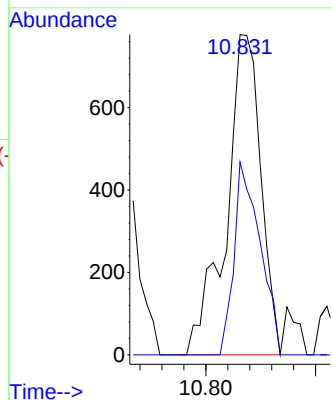
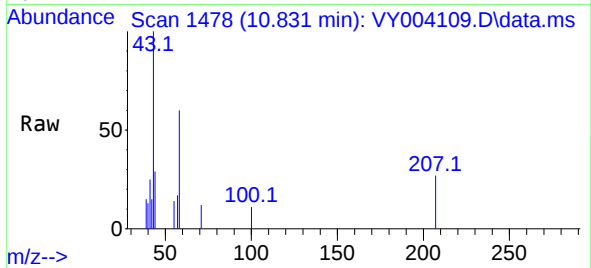




#59
2-Hexanone
Concen: 1.58 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

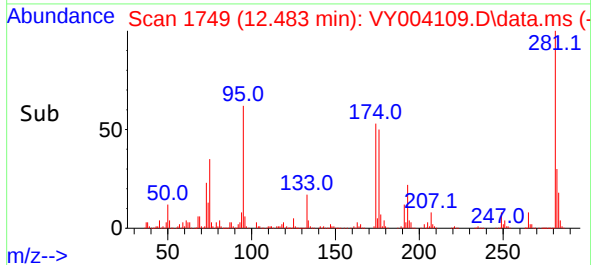
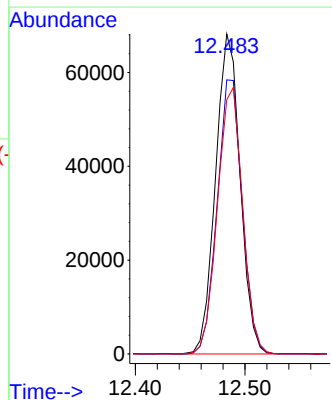
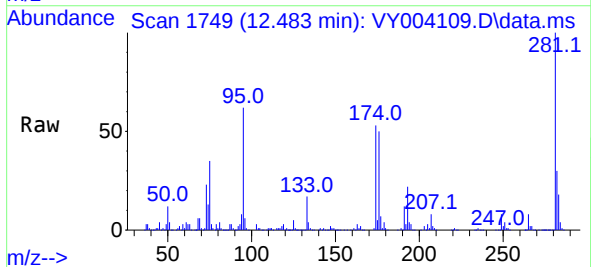
Instrument :
MSVOA_Y
ClientSampleId :
PSHQ-SOIL

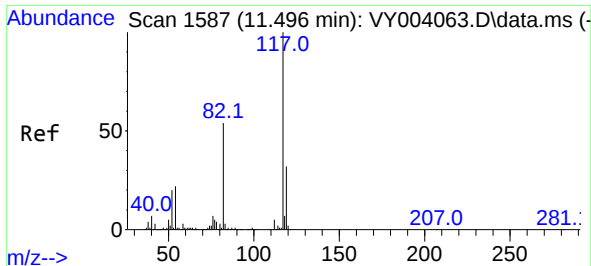
Tgt Ion: 43 Resp: 1703
Ion Ratio Lower Upper
43 100
58 45.3 26.5 79.4



#62
4-Bromofluorobenzene
Concen: 40.79 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Tgt Ion: 95 Resp: 106463
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.0
176 85.0 0.0 174.4



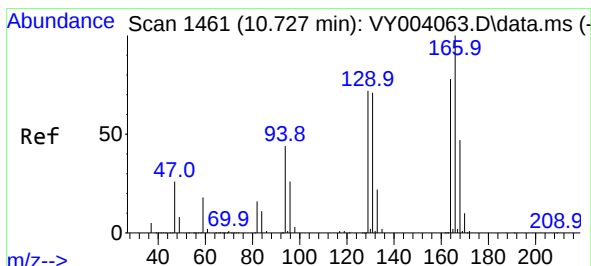
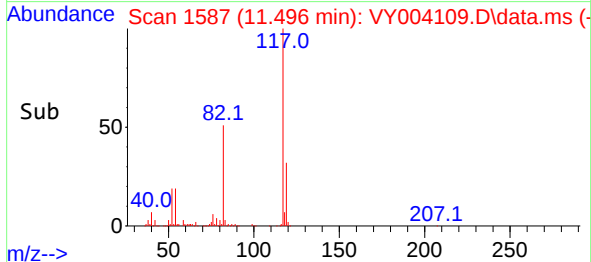
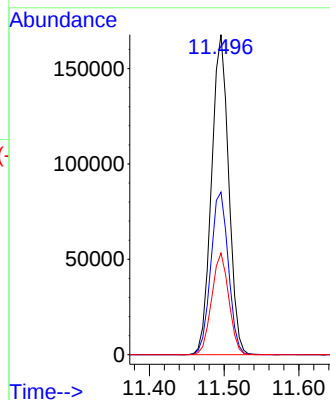
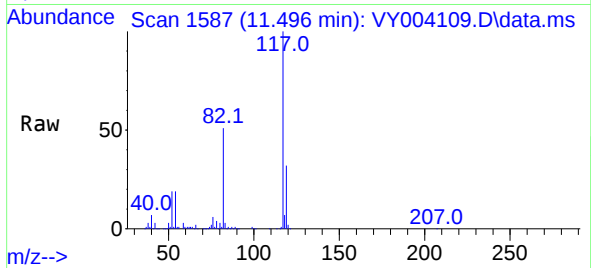


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :
PSHQ-SOIL

Tgt Ion:117 Resp: 266817

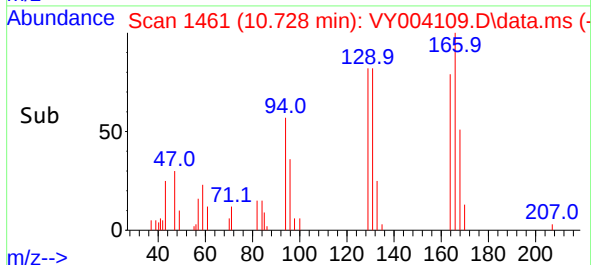
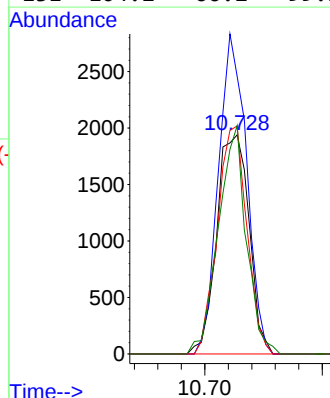
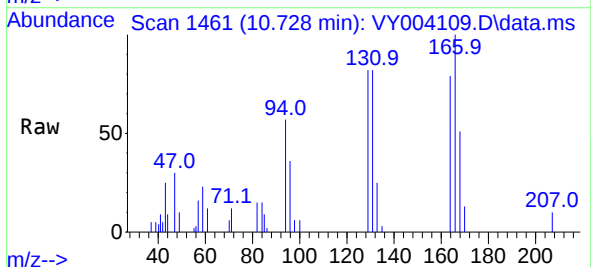
Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.8	65.6
119	31.8	26.2	39.2

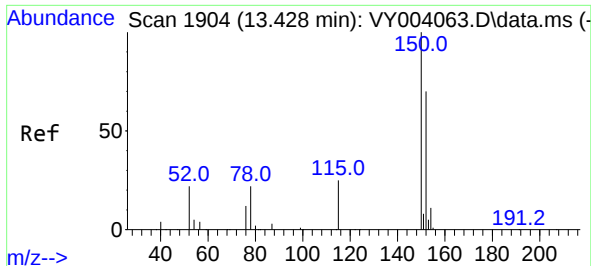


#64
Tetrachloroethene
Concen: 1.65 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.001 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Tgt Ion:164 Resp: 3690

Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.7	154.1
129	104.1	70.6	105.8
131	104.2	66.2	99.2

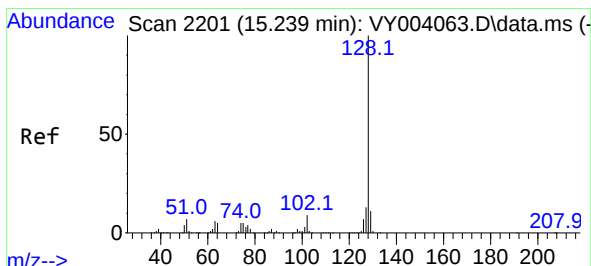
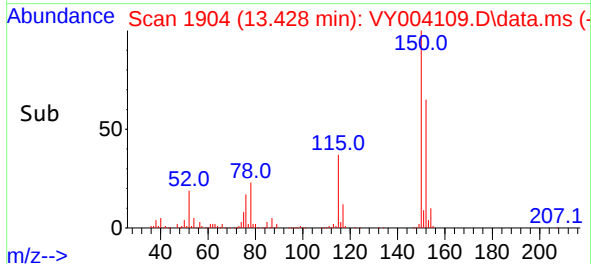
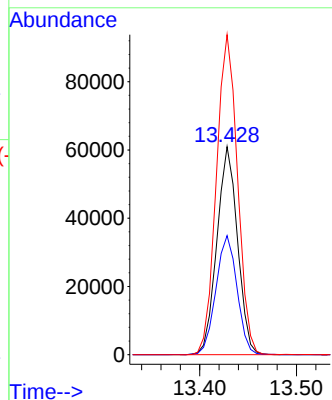
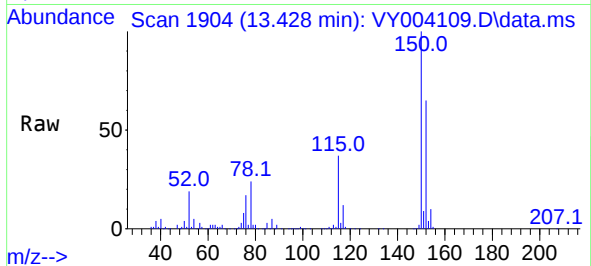




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :
PSHQ-SOIL

Tgt Ion:152 Resp: 90234
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.6
150 157.7 0.0 347.2



#95
Naphthalene
Concen: 8.28 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004109.D
Acq: 17 Mar 2021 17:30

Tgt Ion:128 Resp: 27593
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.7 13.1

