

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010963.D
 Acq On : 13 Oct 2022 17:18
 Operator : KP/MD
 Sample : N5133-01
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAS-SOIL-1013

Quant Time: Oct 14 02:12:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

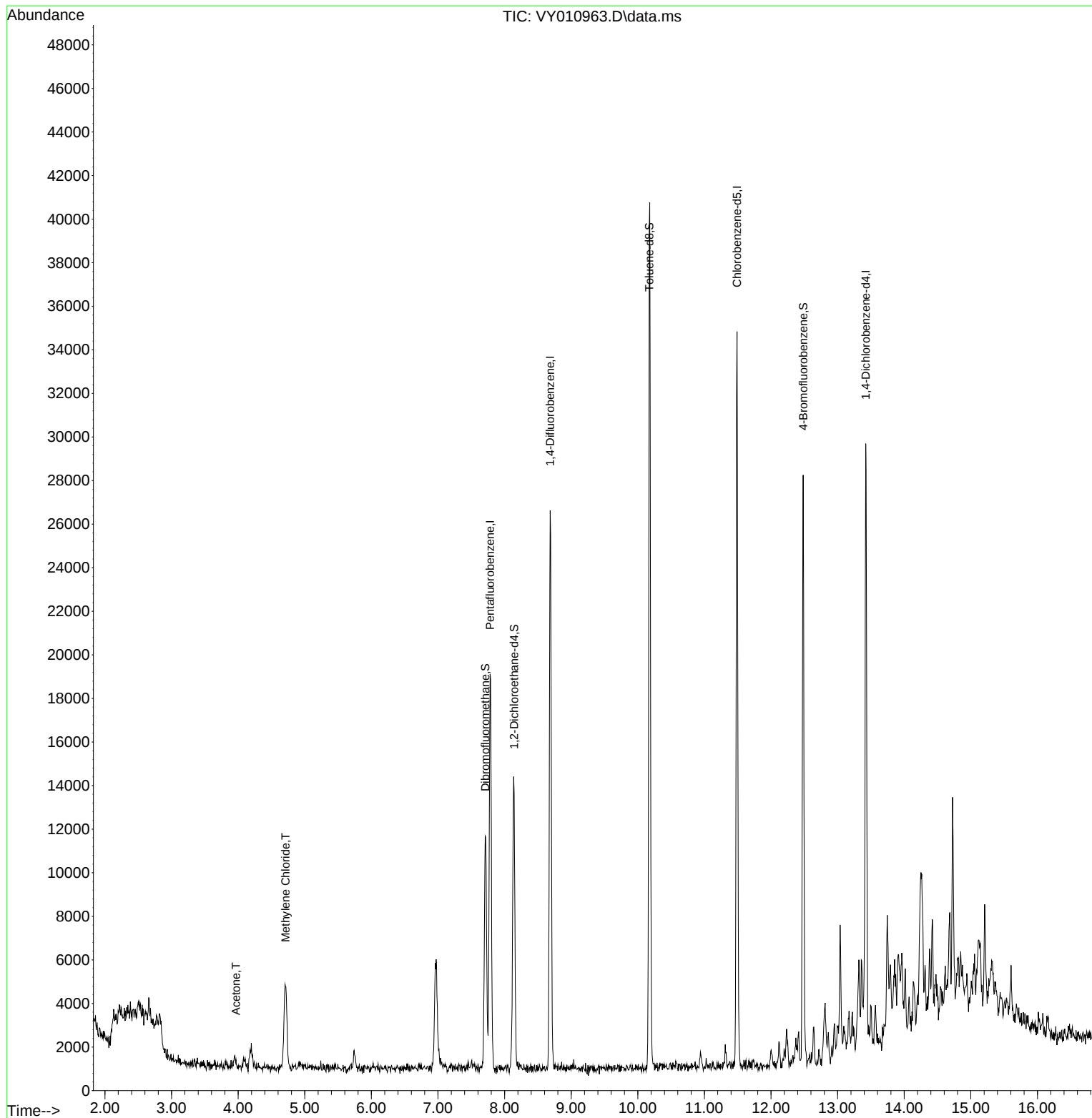
Internal Standards						
1) Pentafluorobenzene	7.783	168	14314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	22701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	19309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10663	73.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.980%	
35) Dibromofluoromethane	7.710	113	8018	53.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.420%	
50) Toluene-d8	10.173	98	28158	54.639	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.280%	
62) 4-Bromofluorobenzene	12.483	95	7940	38.597	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.200%	
Target Compounds						Qvalue
16) Acetone	3.966	43	692	18.779	ug/l	95
20) Methylene Chloride	4.710	84	3271	16.789	ug/l #	78

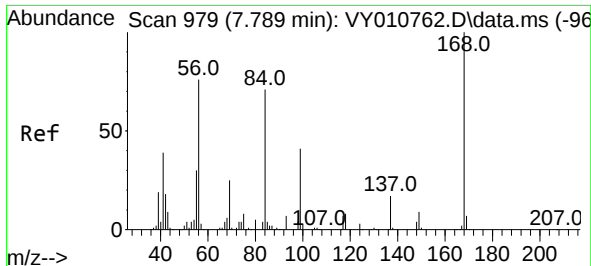
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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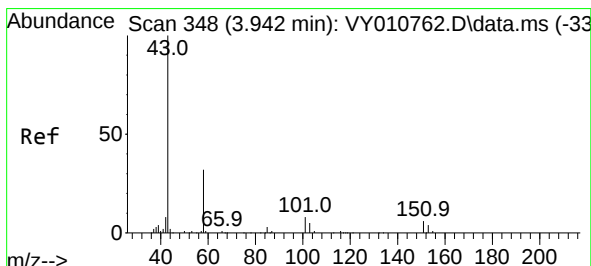
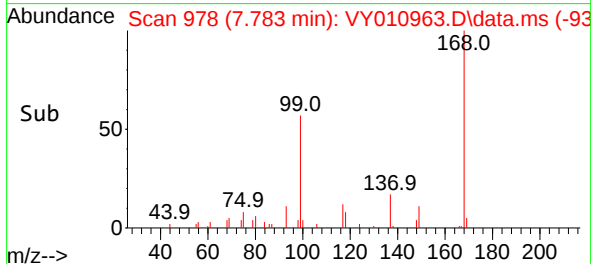
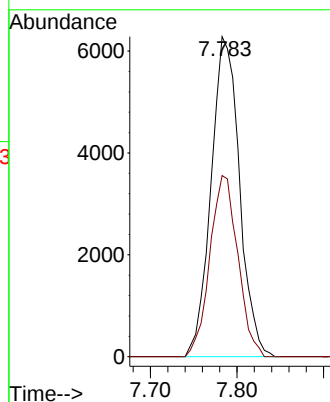
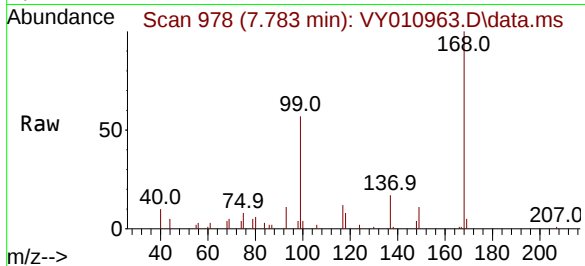




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010963.D
Acq: 13 Oct 2022 17:18

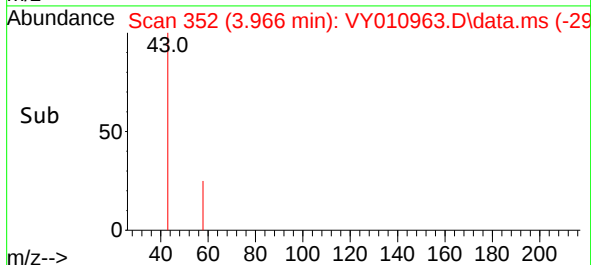
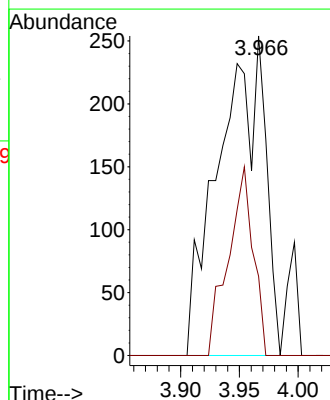
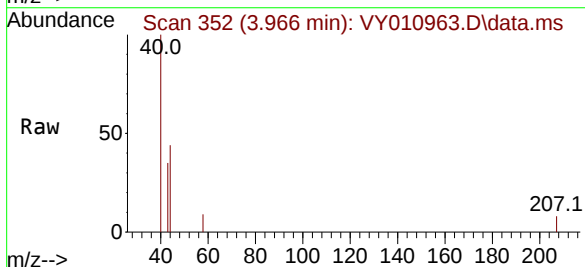
Instrument :
MSVOA_Y
ClientSampleId :
HAS-SOIL-1013

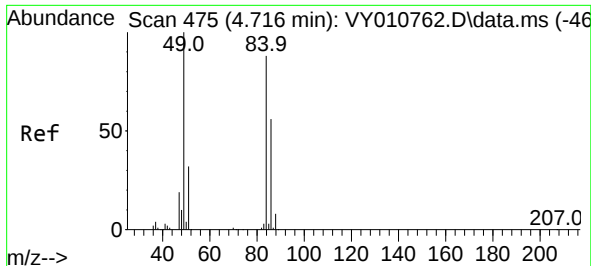
Tgt Ion:168 Resp: 14314
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#16
Acetone
Concen: 18.779 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY010963.D
Acq: 13 Oct 2022 17:18

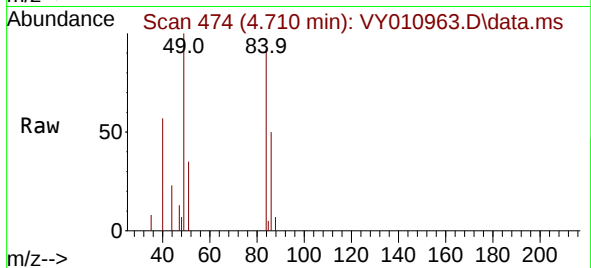
Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
58 24.8 22.0 33.0



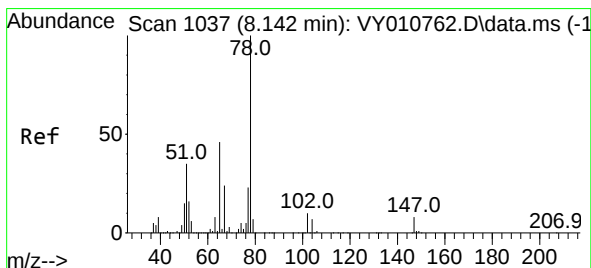
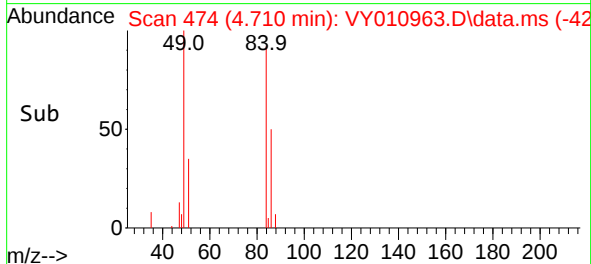
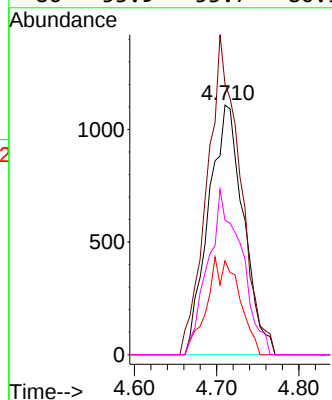


#20
Methylene Chloride
Concen: 16.789 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010963.D
Acq: 13 Oct 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :
HAS-SOIL-1013

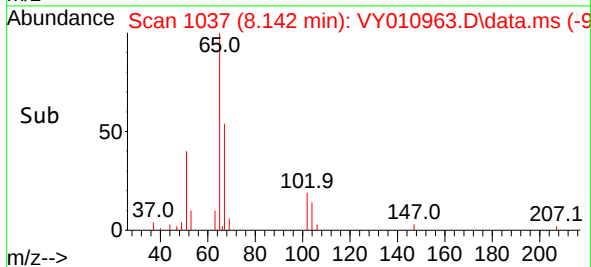
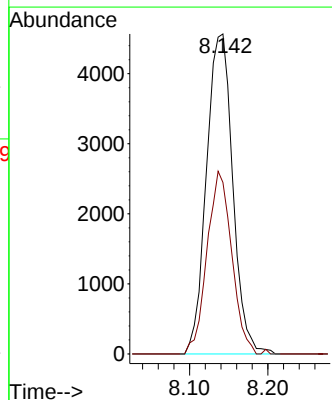
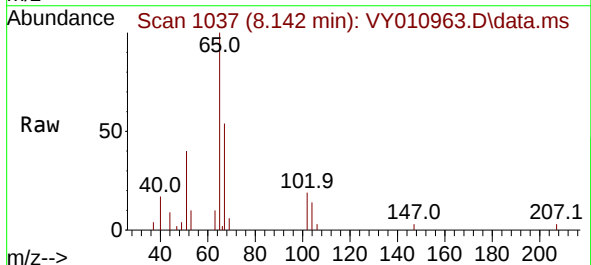


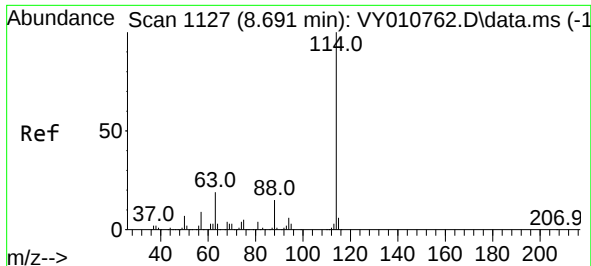
Tgt Ion: 84 Resp: 3271
Ion Ratio Lower Upper
84 100
49 108.5 114.4 171.6#
51 37.6 35.3 52.9
86 53.9 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 73.492 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY010963.D
Acq: 13 Oct 2022 17:18

Tgt Ion: 65 Resp: 10663
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010963.D

Acq: 13 Oct 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

HAS-SOIL-1013

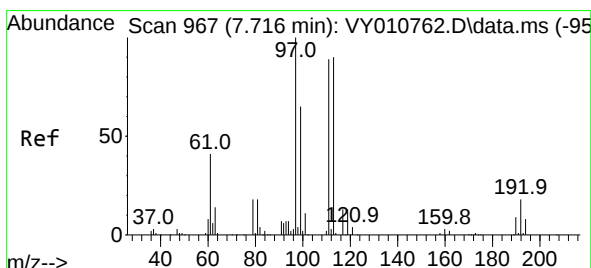
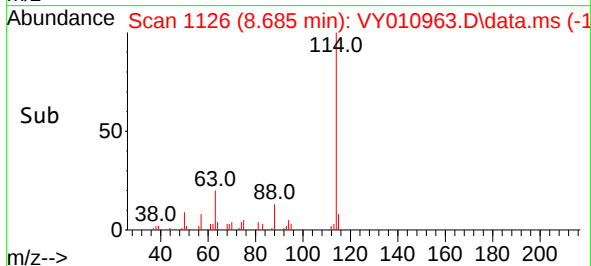
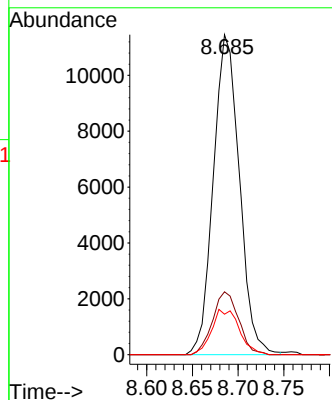
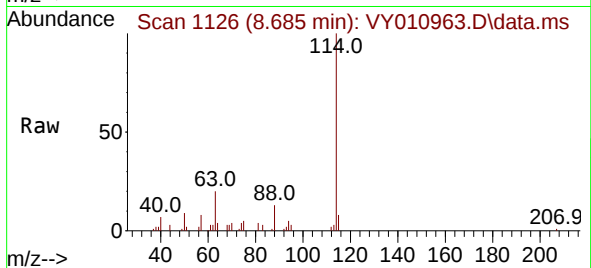
Tgt Ion:114 Resp: 22701

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 12.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.208 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY010963.D

Acq: 13 Oct 2022 17:18

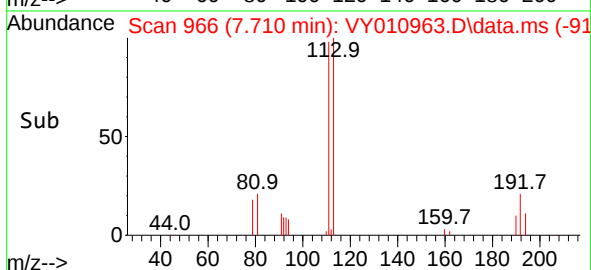
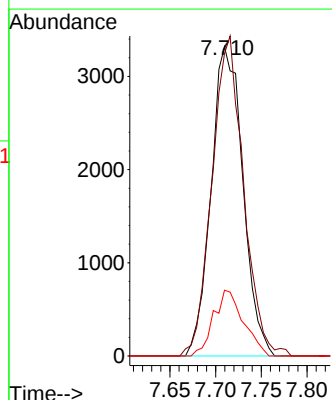
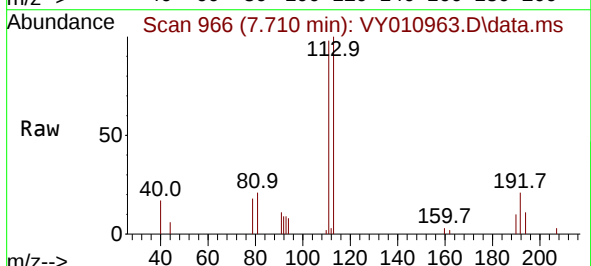
Tgt Ion:113 Resp: 8018

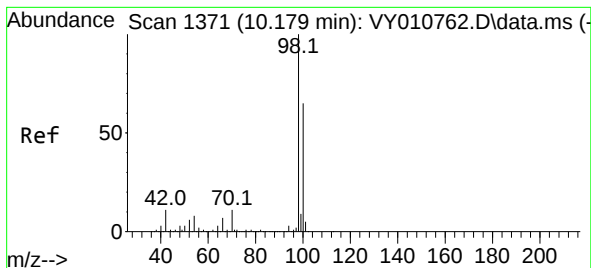
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.0 17.6 26.4





#50

Toluene-d8

Concen: 54.639 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010963.D

Acq: 13 Oct 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

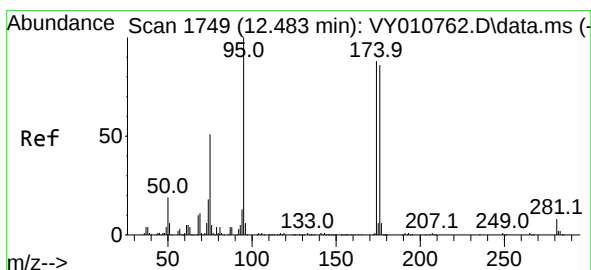
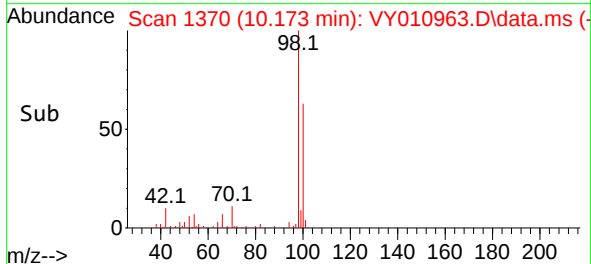
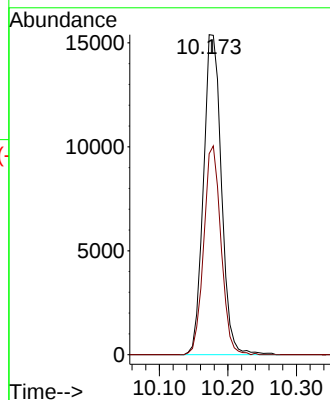
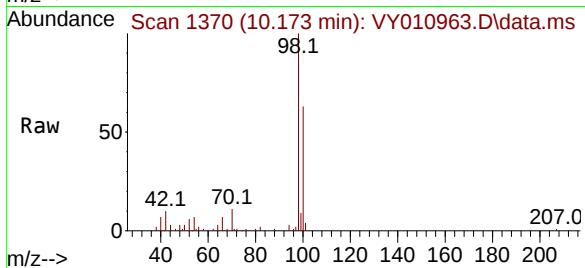
HAS-SOIL-1013

Tgt Ion: 98 Resp: 28158

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 38.597 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY010963.D

Acq: 13 Oct 2022 17:18

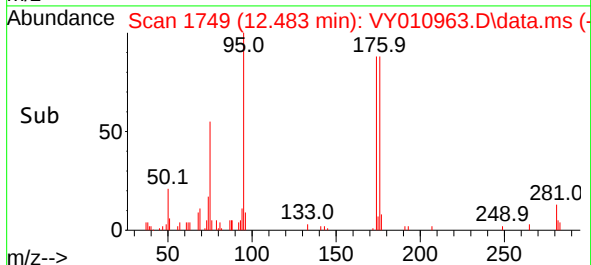
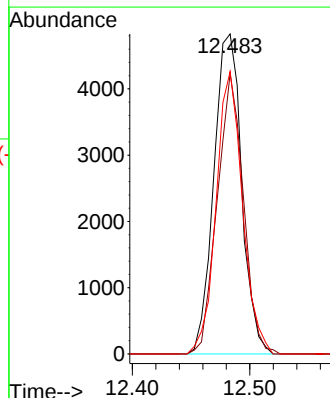
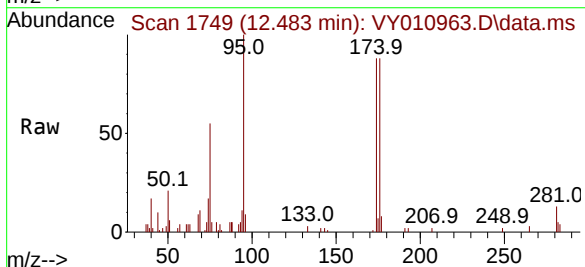
Tgt Ion: 95 Resp: 7940

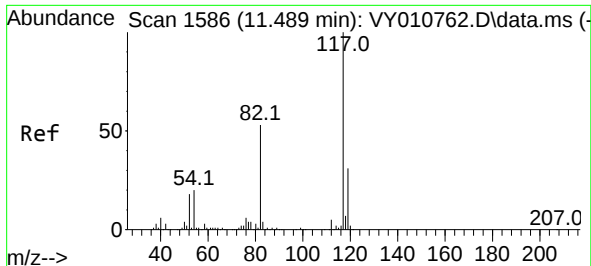
Ion Ratio Lower Upper

95 100

174 82.0 0.0 177.0

176 83.7 0.0 175.8

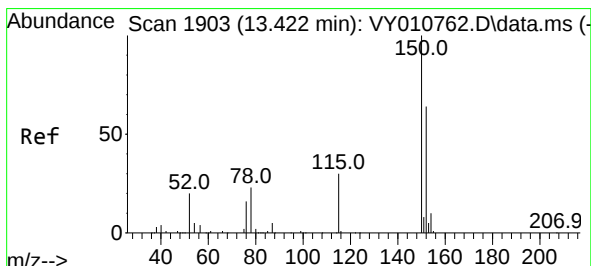
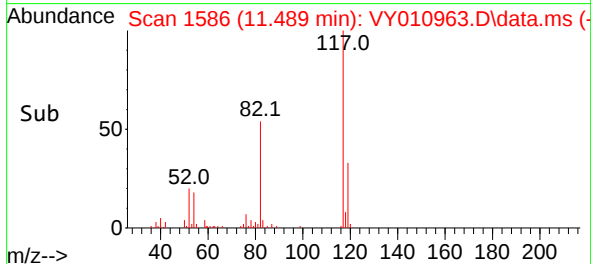
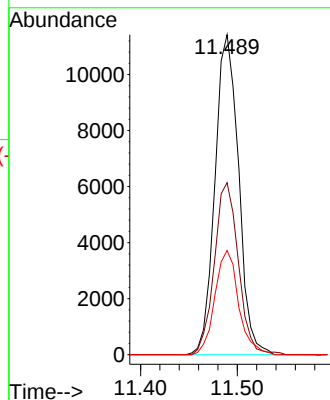
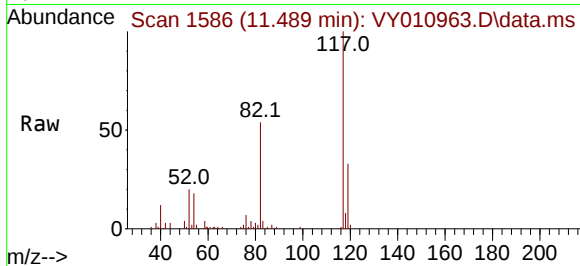




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010963.D
Acq: 13 Oct 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :
HAS-SOIL-1013

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	32.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010963.D
Acq: 13 Oct 2022 17:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.2	84.7
150	157.6	0.0	347.6

