

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010800.D
 Acq On : 04 Oct 2022 17:03
 Operator : KP/MD
 Sample : N4943-05RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-003-0930RE

Quant Time: Oct 05 07:32:31 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)

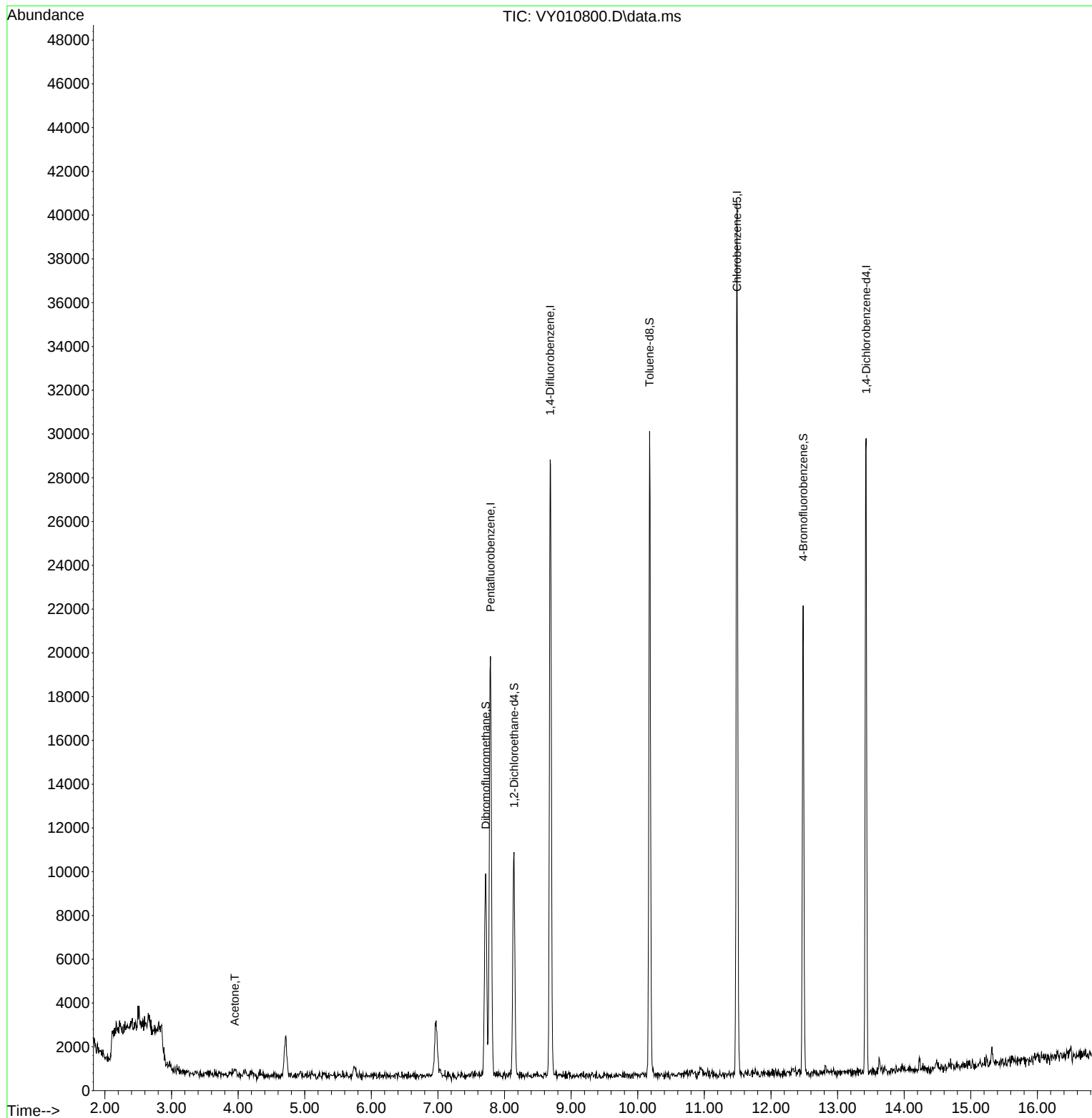
Internal Standards						
1) Pentafluorobenzene	7.789	168	15366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	25298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8205	52.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.360%
35) Dibromofluoromethane	7.716	113	6754	40.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.440%
50) Toluene-d8	10.179	98	19555	34.050	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	68.100%
62) 4-Bromofluorobenzene	12.483	95	6514	27.367	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.740%
Target Compounds						
16) Acetone	3.948	43	603	15.244	ug/l	Qvalue 97

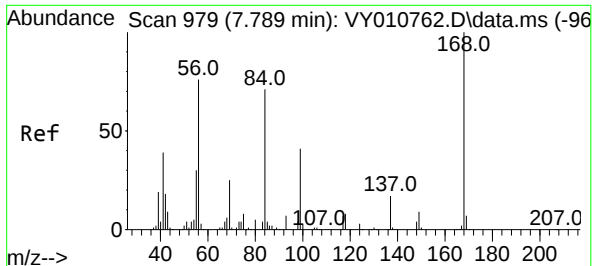
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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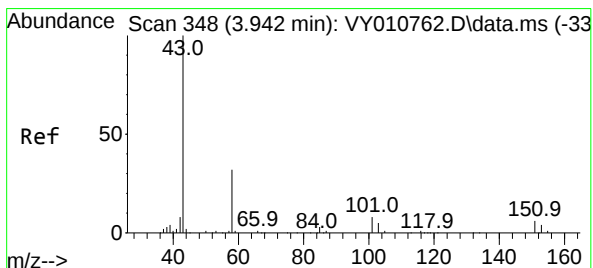
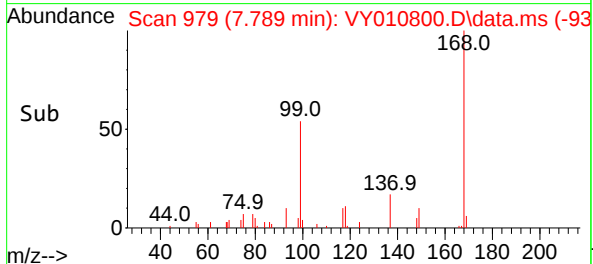
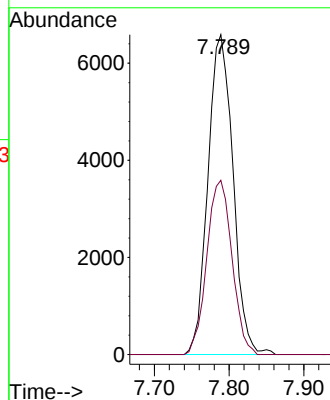
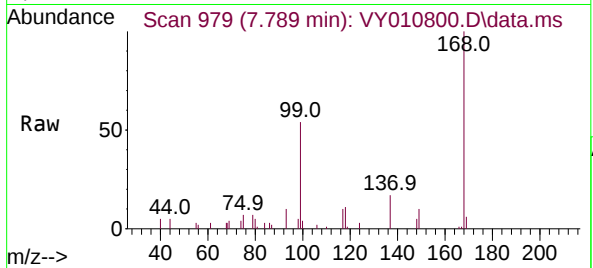




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010800.D
Acq: 04 Oct 2022 17:03

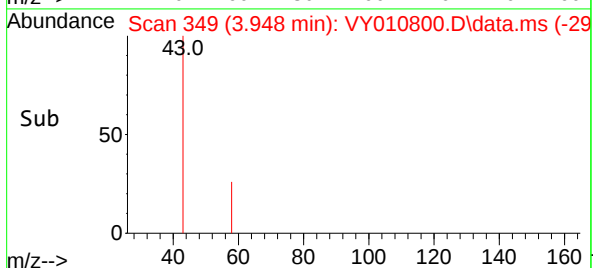
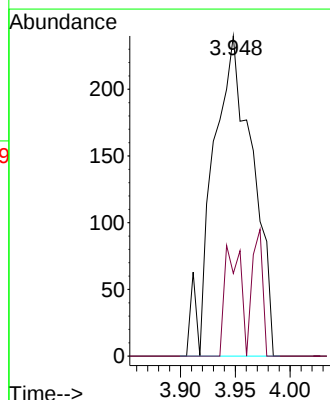
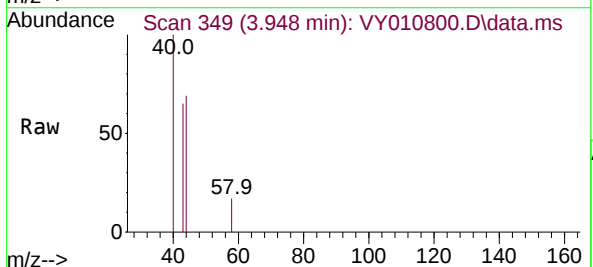
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-003-0930RE

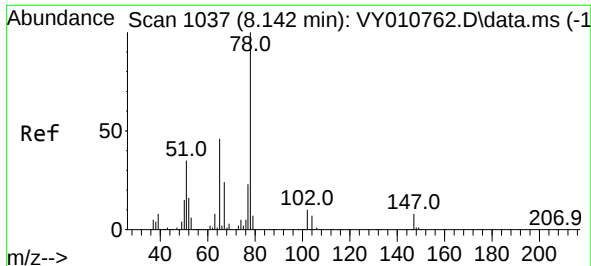
Tgt Ion:168 Resp: 15366
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#16
Acetone
Concen: 15.244 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010800.D
Acq: 04 Oct 2022 17:03

Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 25.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 52.679 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY010800.D

Acq: 04 Oct 2022 17:03

Instrument :

MSVOA_Y

ClientSampleId :

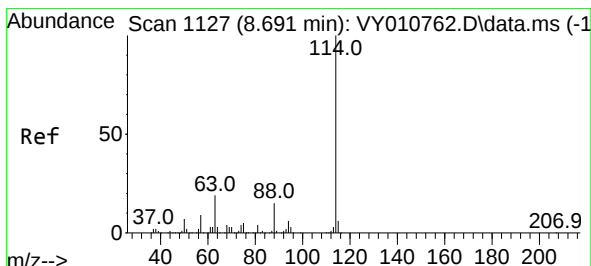
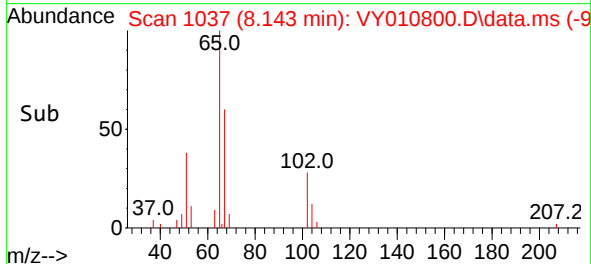
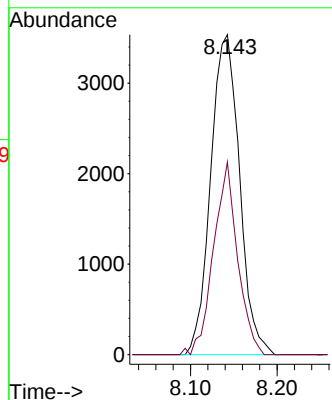
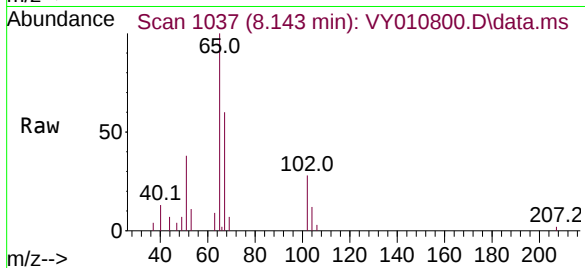
SOIL-003-0930RE

Tgt Ion: 65 Resp: 8205

Ion Ratio Lower Upper

65 100

67 50.2 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: VY010800.D

Acq: 04 Oct 2022 17:03

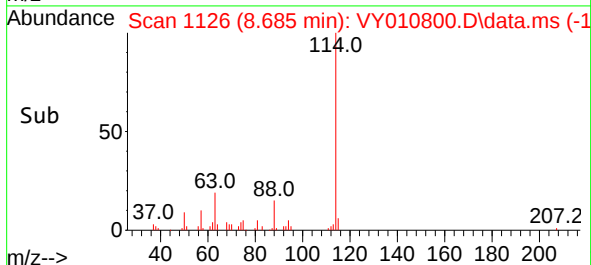
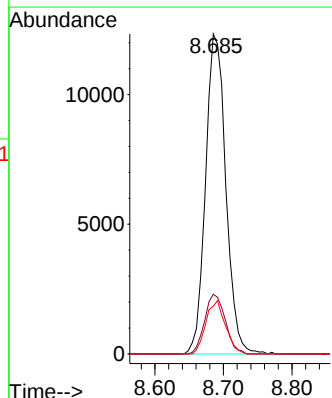
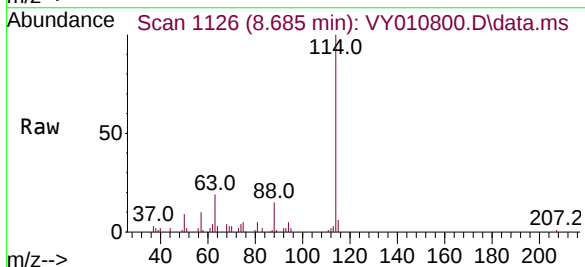
Tgt Ion: 114 Resp: 25298

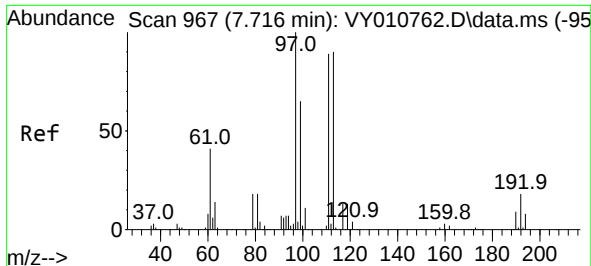
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.9 0.0 31.8

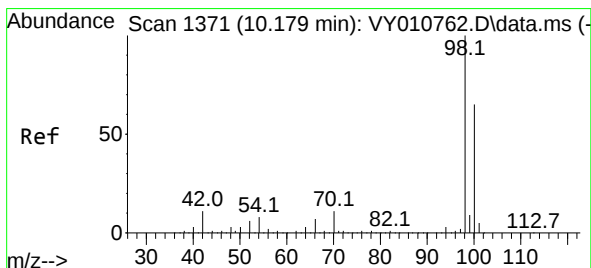
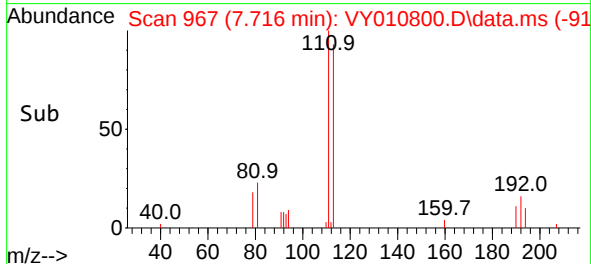
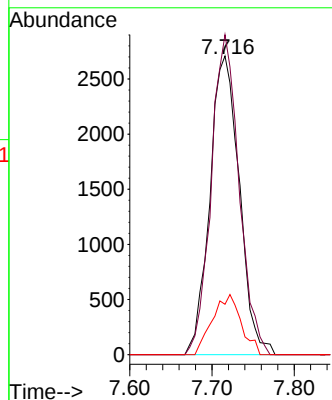
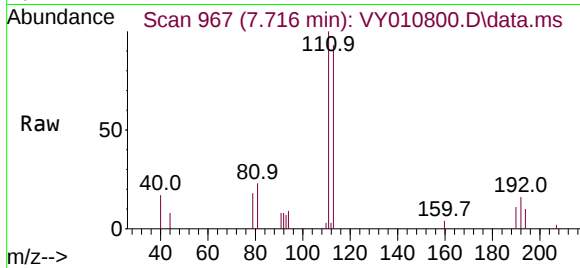




#35
Dibromofluoromethane
Concen: 40.219 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010800.D
Acq: 04 Oct 2022 17:03

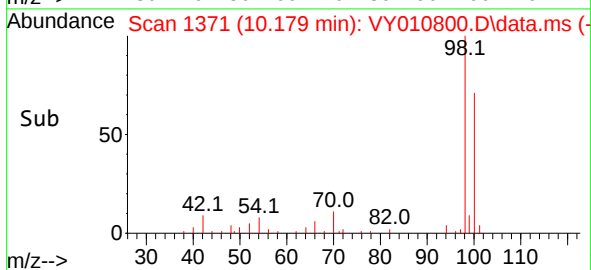
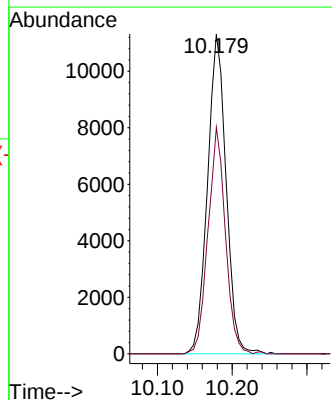
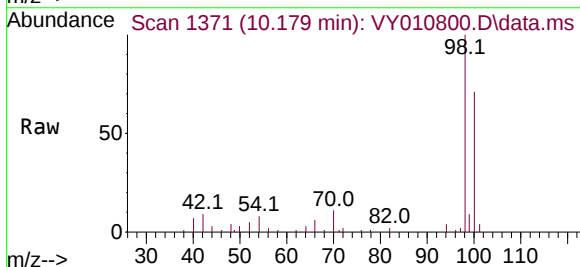
Instrument :
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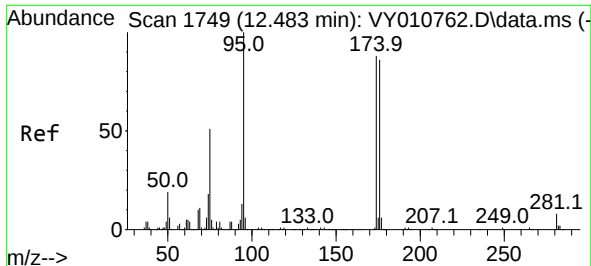
Tgt Ion:113 Resp: 6754
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 34.050 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010800.D
Acq: 04 Oct 2022 17:03

Tgt Ion: 98 Resp: 19555
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2

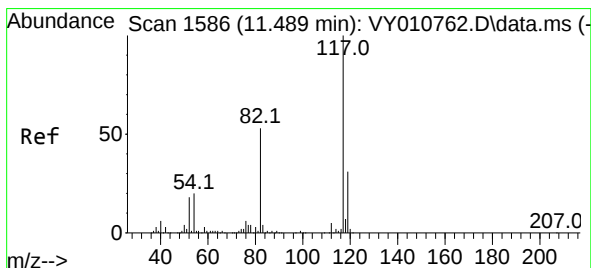
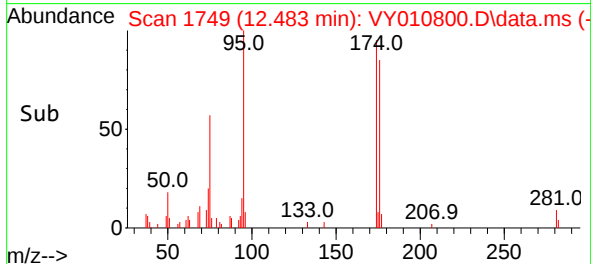
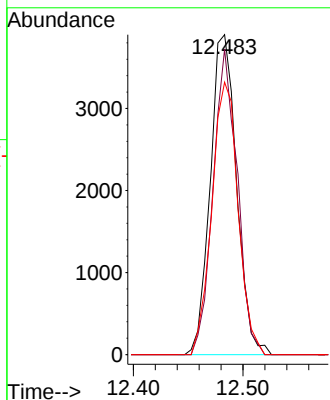
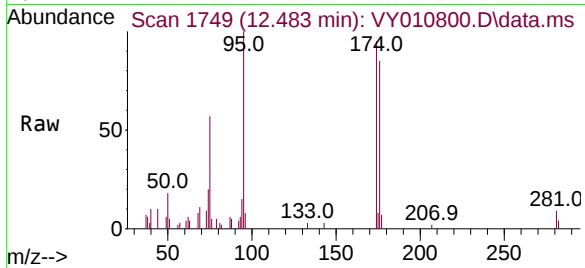




#62
4-Bromofluorobenzene
Concen: 27.367 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010800.D
Acq: 04 Oct 2022 17:03

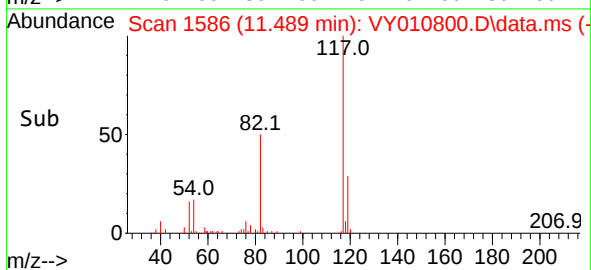
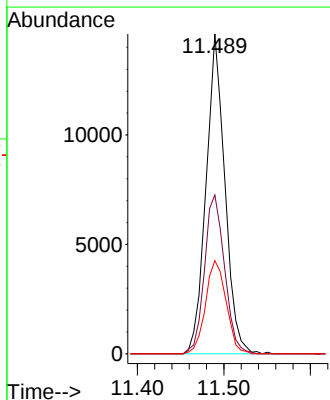
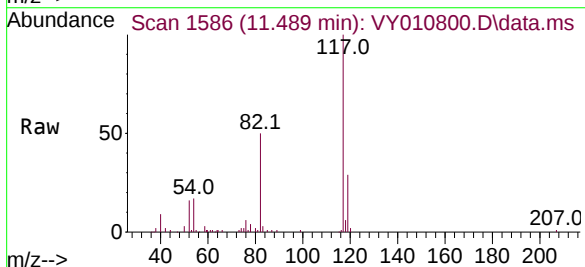
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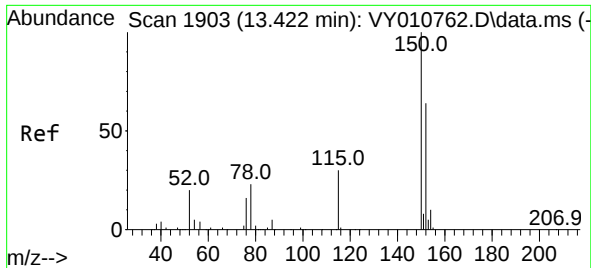
Tgt Ion:	95	Resp:	6514
Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	177.0
176	84.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010800.D
Acq: 04 Oct 2022 17:03

Tgt Ion:	117	Resp:	22130
Ion	Ratio	Lower	Upper
117	100		
82	49.7	43.0	64.4
119	29.1	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010800.D

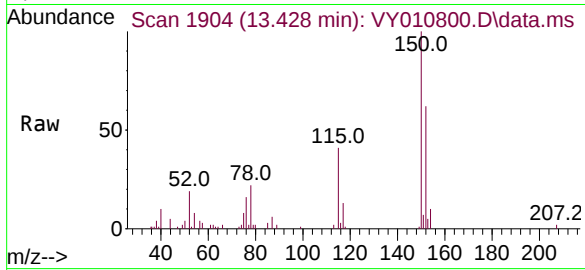
Acq: 04 Oct 2022 17:03

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-003-0930RE



Tgt Ion:152 Resp: 7880

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 154.6 0.0 347.6

