

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011425.D
 Acq On : 11 Nov 2022 17:41
 Operator : KP/MD
 Sample : N5529-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NMS-SOIL-1108

Quant Time: Nov 14 05:54:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

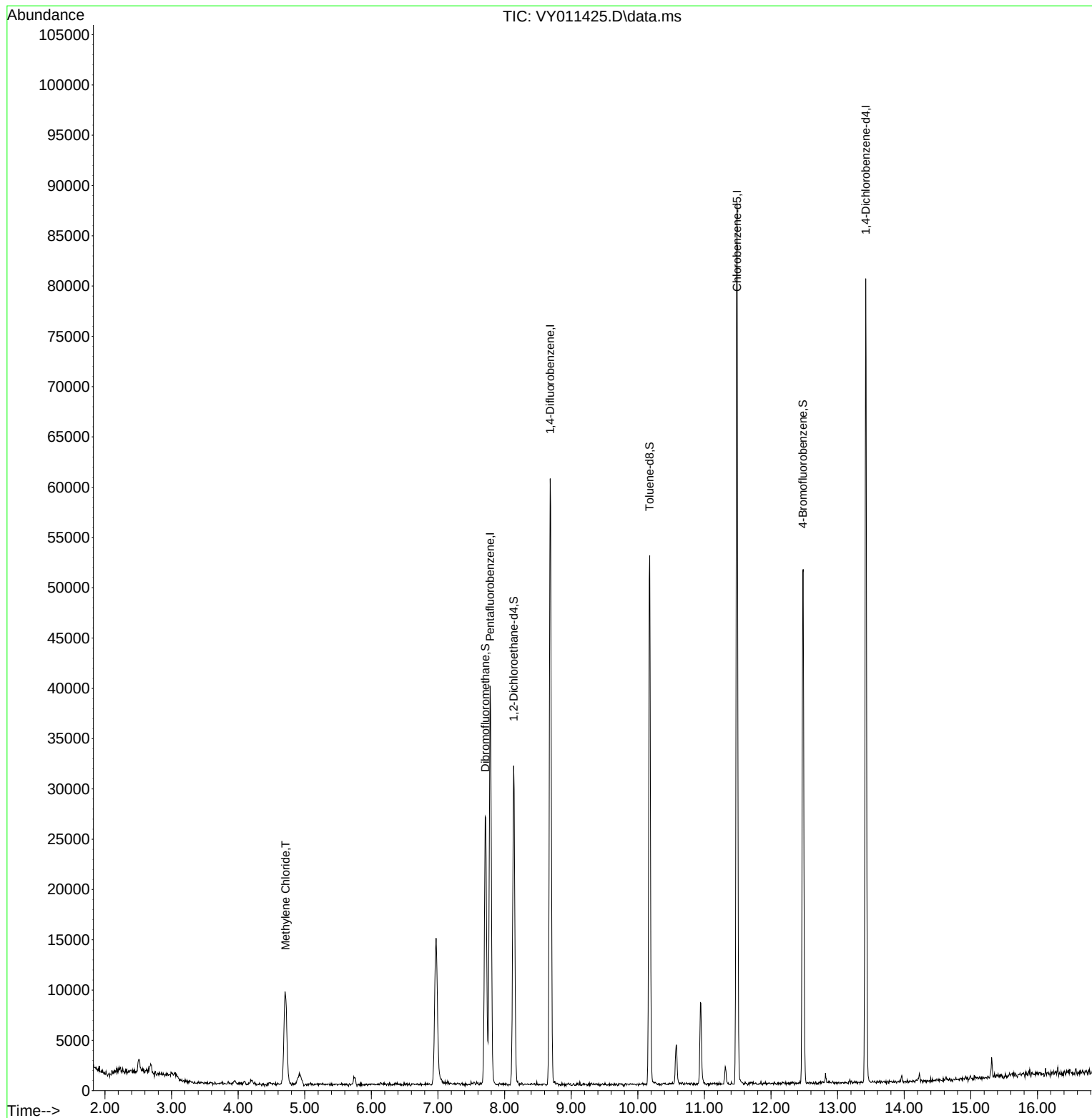
Internal Standards						
1) Pentafluorobenzene	7.783	168	31454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	55356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	51832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23953	90.877	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	181.760%	#
35) Dibromofluoromethane	7.710	113	19382	62.477	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	124.960%	
50) Toluene-d8	10.179	98	37646	31.764	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	63.520%	
62) 4-Bromofluorobenzene	12.477	95	16046	38.817	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	77.640%	
Target Compounds						
20) Methylene Chloride	4.710	84	7839	15.576	ug/l	Qvalue # 68

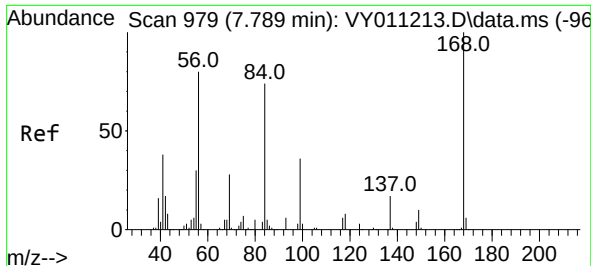
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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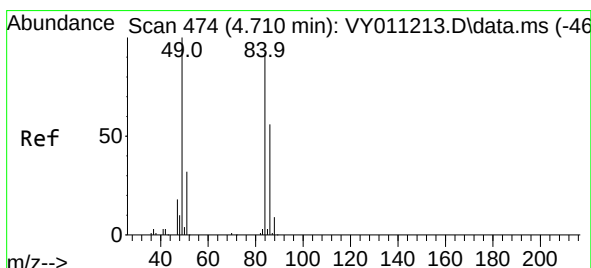
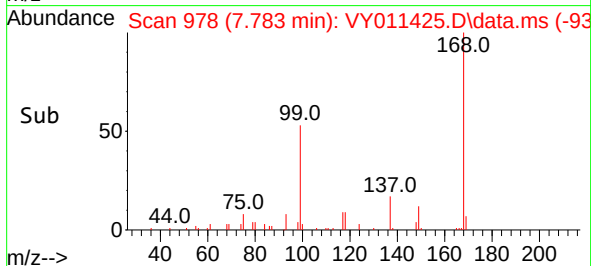
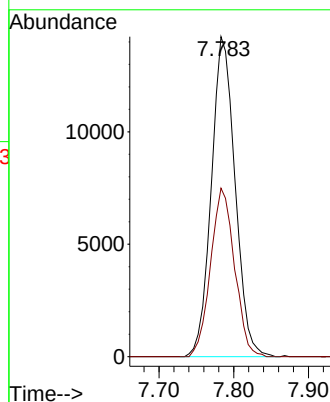
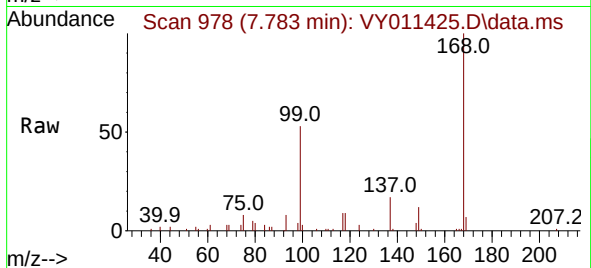




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

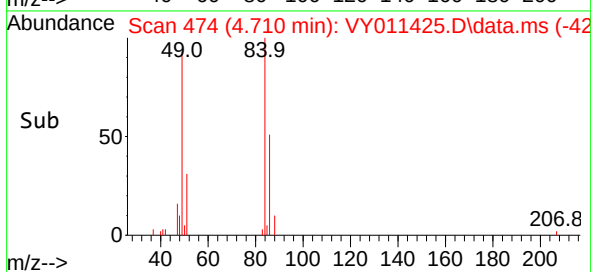
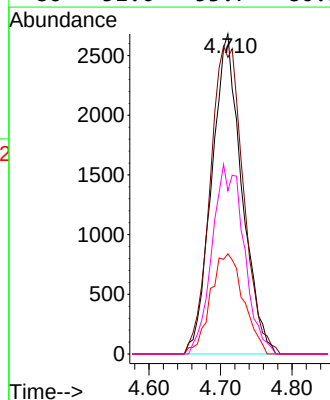
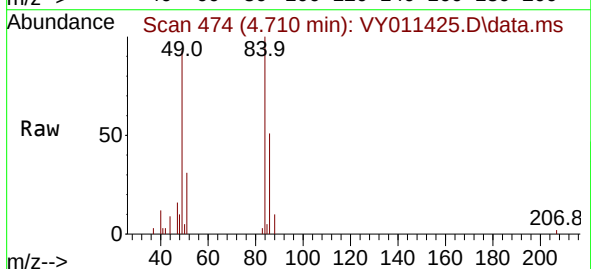
Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

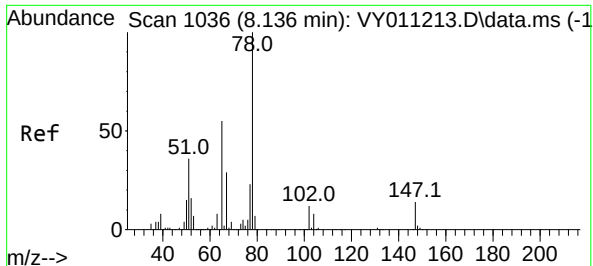
Tgt Ion:168 Resp: 31454
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#20
Methylene Chloride
Concen: 15.576 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 84 Resp: 7839
Ion Ratio Lower Upper
84 100
49 92.7 114.4 171.6#
51 31.3 35.3 52.9#
86 51.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 90.877 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011425.D

Acq: 11 Nov 2022 17:41

Instrument :

MSVOA_Y

ClientSampleId :

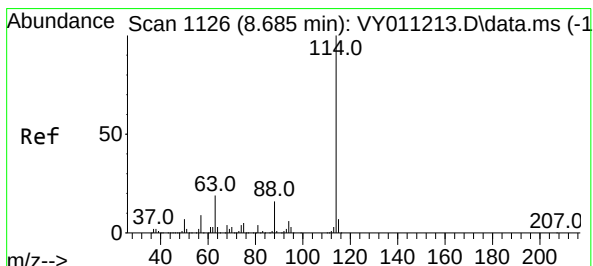
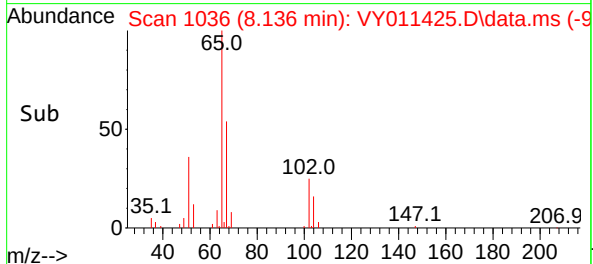
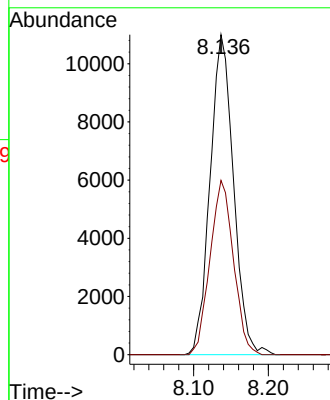
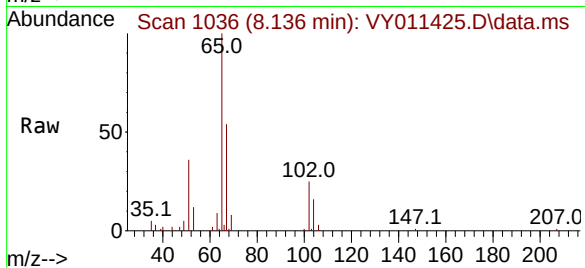
NMS-SOIL-1108

Tgt Ion: 65 Resp: 23953

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011425.D

Acq: 11 Nov 2022 17:41

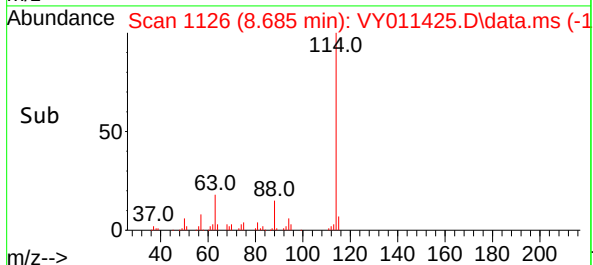
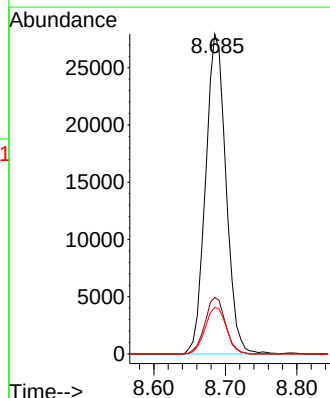
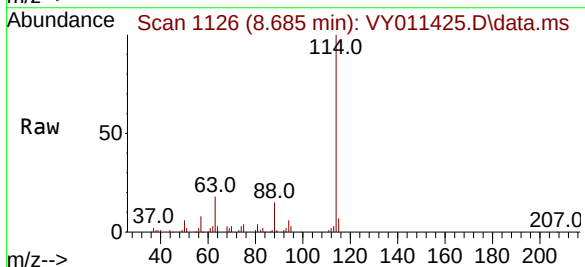
Tgt Ion: 114 Resp: 55356

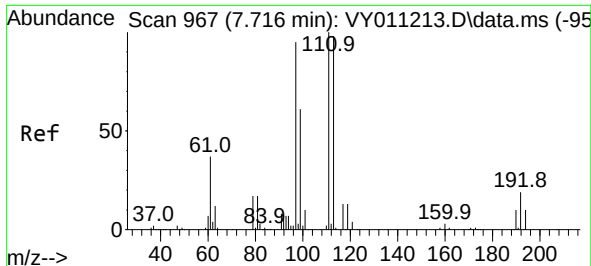
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.5 0.0 31.8

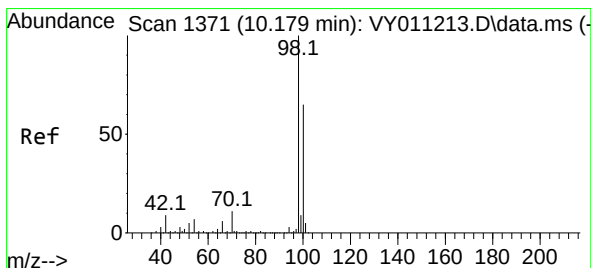
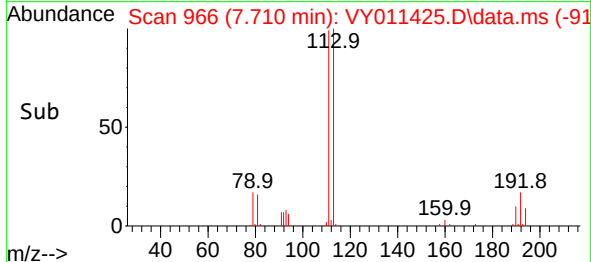
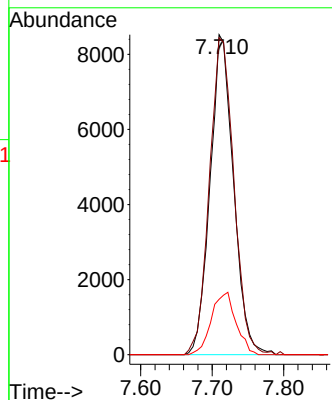
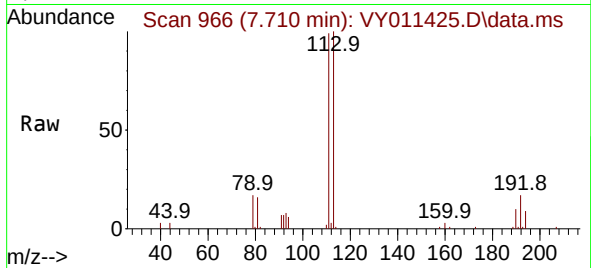




#35
Dibromofluoromethane
Concen: 62.477 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

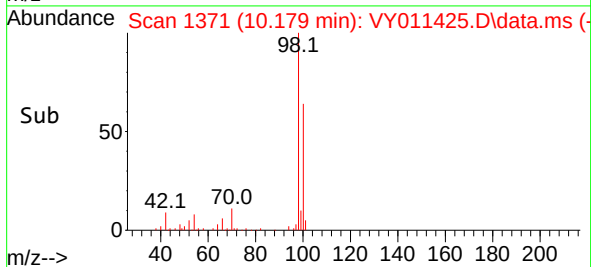
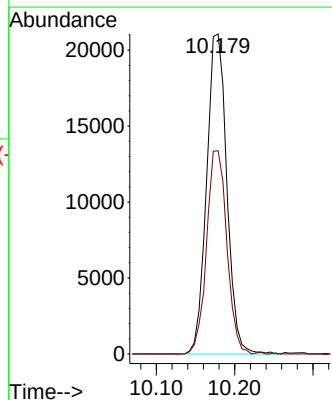
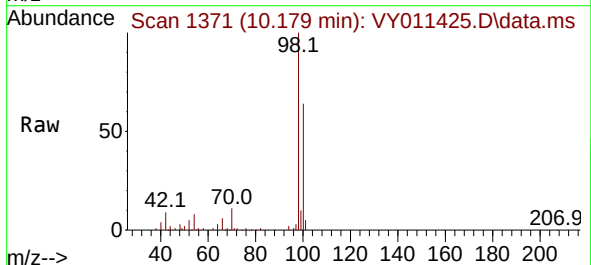
Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

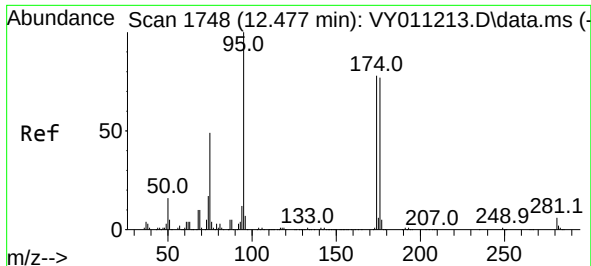
Tgt Ion:113 Resp: 19382
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 20.5 17.6 26.4



#50
Toluene-d8
Concen: 31.764 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 98 Resp: 37646
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

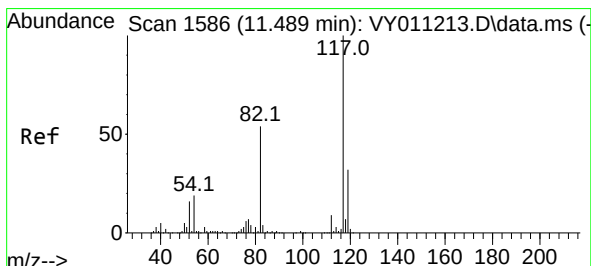
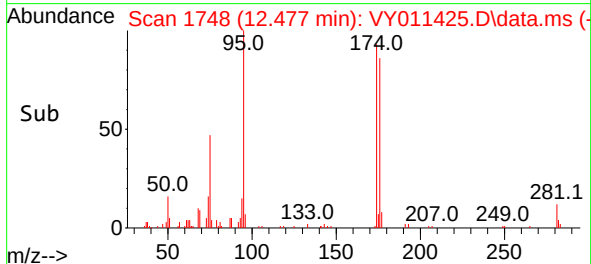
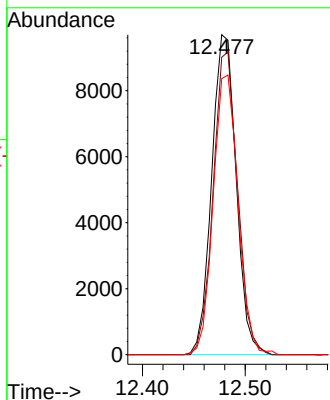
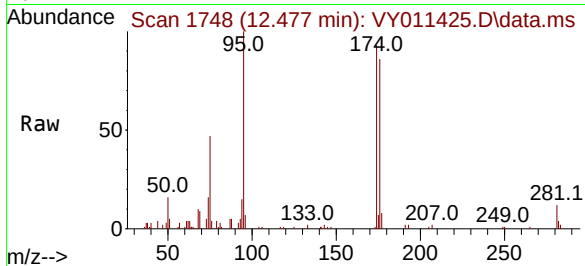




#62
4-Bromofluorobenzene
Concen: 38.817 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

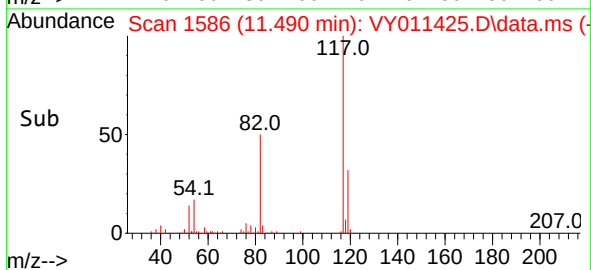
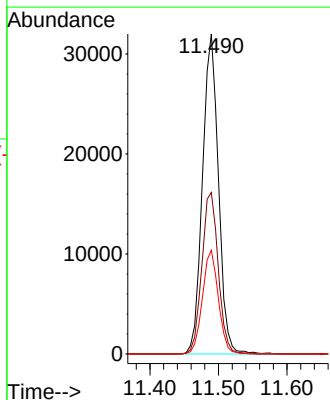
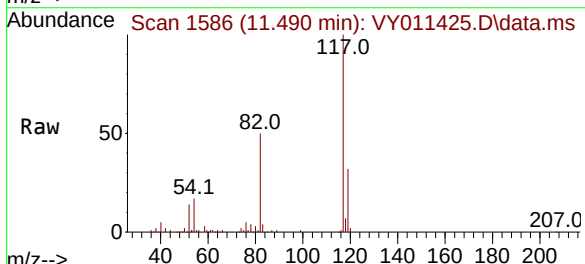
Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

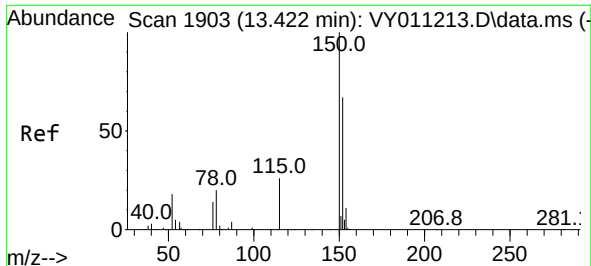
Tgt Ion:	95	Resp:	16046
Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	177.0
176	88.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion:	117	Resp:	51832
Ion	Ratio	Lower	Upper
117	100		
82	50.5	43.0	64.4
119	32.4	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: VY011425.D
 Acq: 11 Nov 2022 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 NMS-SOIL-1108

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.7
150	156.1	0.0	347.6

