

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019286.D
 Acq On : 27 Aug 2024 15:11
 Operator : SY/MD
 Sample : P3726-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-SOIL-PILE

Quant Time: Aug 28 01:45:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

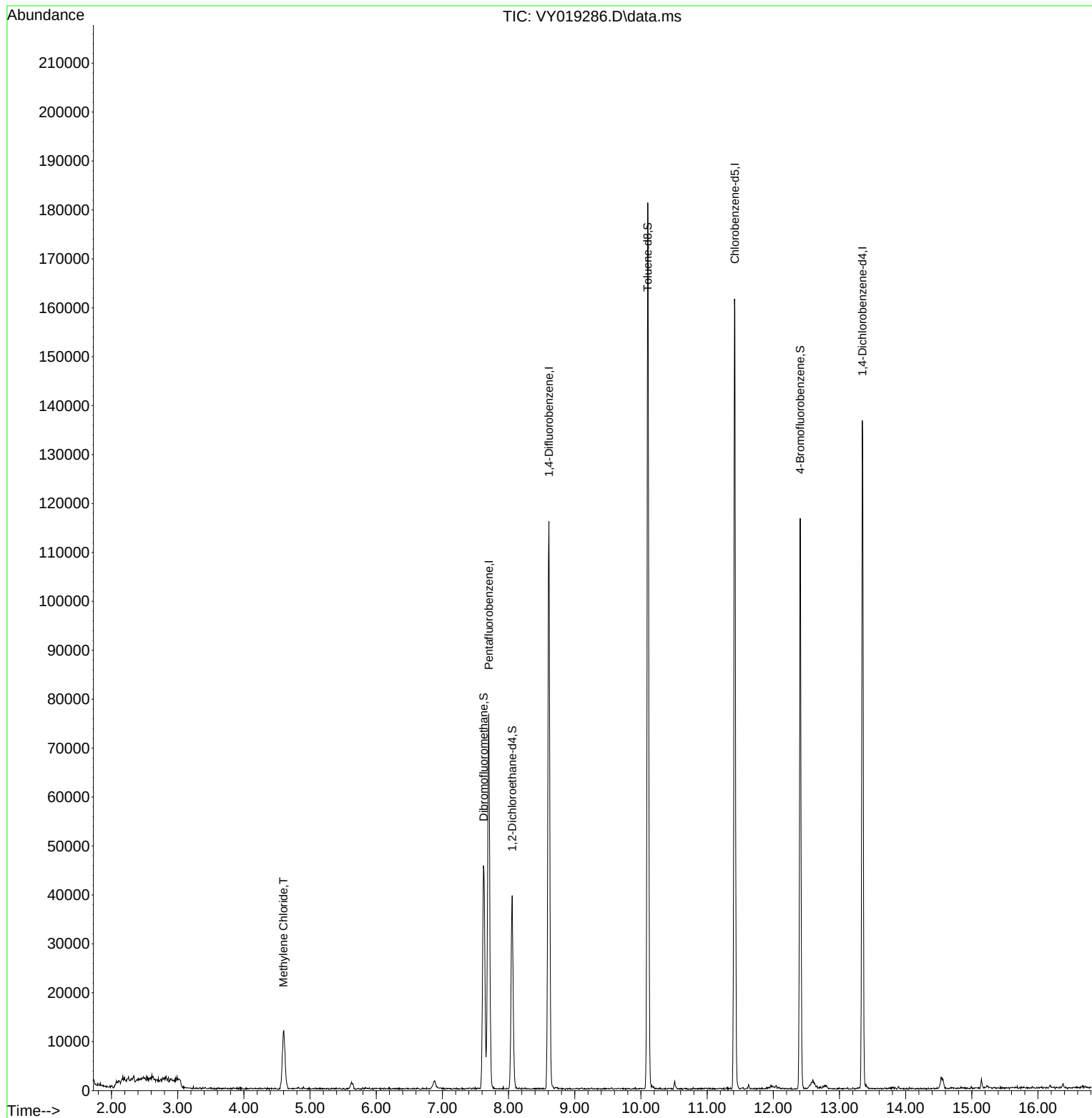
Internal Standards						
1) Pentafluorobenzene	7.701	168	59882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	102078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	90327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	29700	49.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.622	113	32559	48.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.103	98	113186	47.123	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.407	95	33010	40.315	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.620%
Target Compounds						
20) Methylene Chloride	4.598	84	9024	3.553	ug/l	Qvalue 96

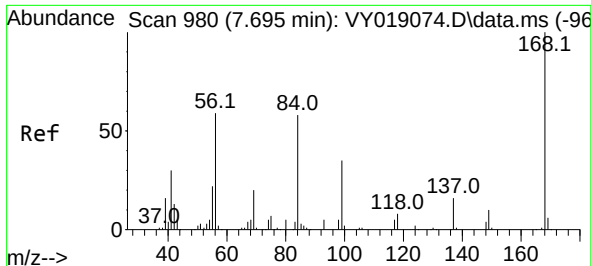
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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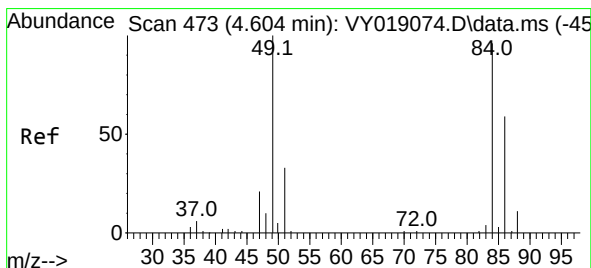
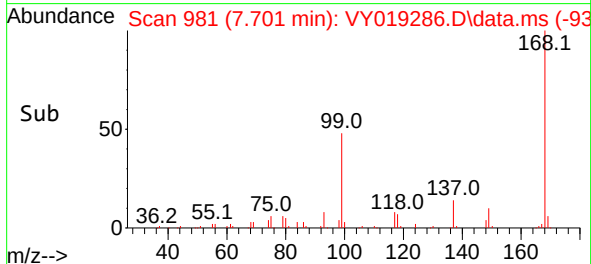
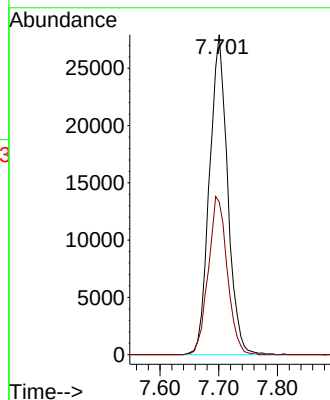
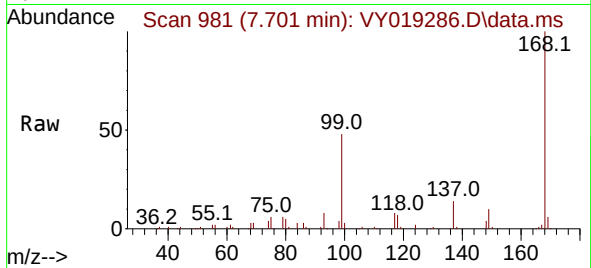




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

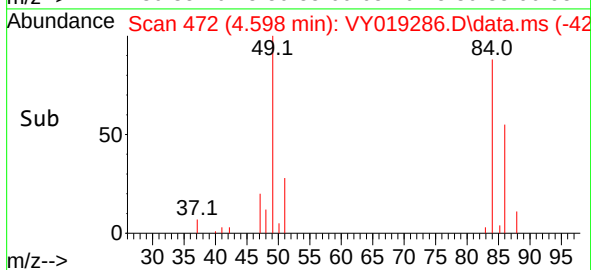
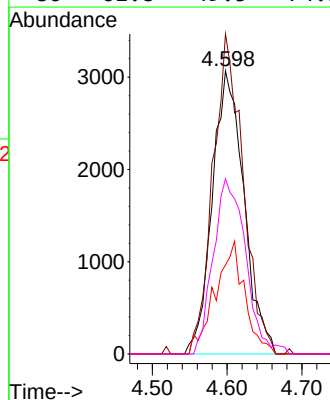
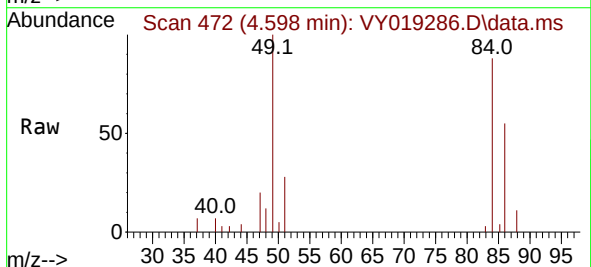
Instrument :
MSVOA_Y
ClientSampleId :
MOO-SOIL-PILE

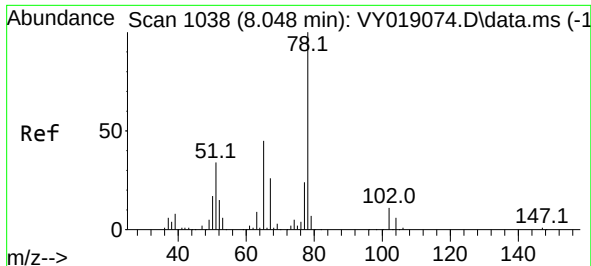
Tgt Ion:168 Resp: 59882
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#20
Methylene Chloride
Concen: 3.553 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

Tgt Ion: 84 Resp: 9024
Ion Ratio Lower Upper
84 100
49 113.0 84.4 126.6
51 31.4 26.0 39.0
86 61.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 49.478 ug/l

RT: 8.054 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019286.D

Acq: 27 Aug 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

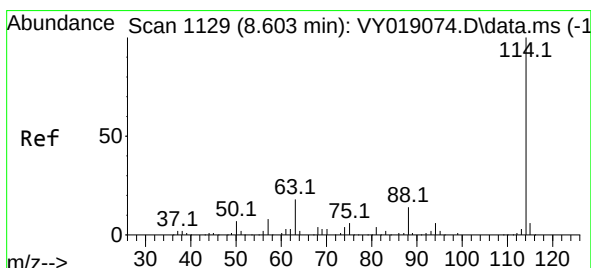
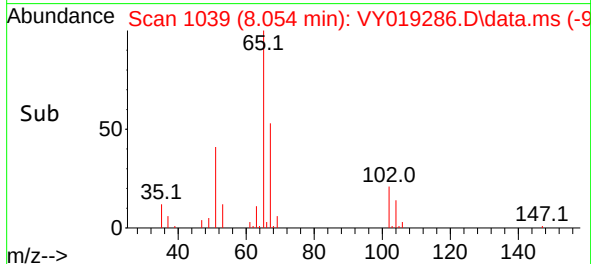
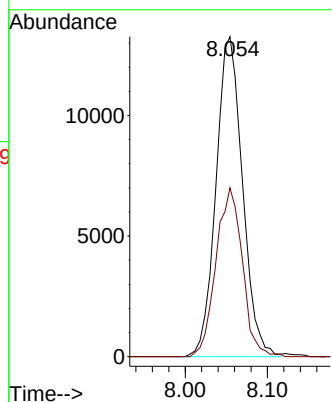
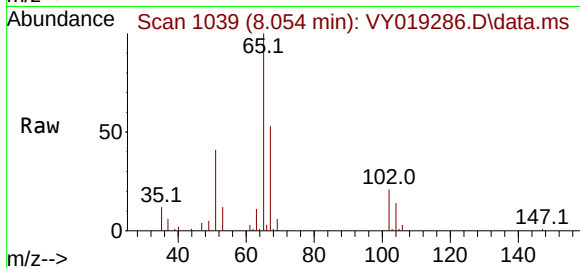
MOO-SOIL-PILE

Tgt Ion: 65 Resp: 29700

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019286.D

Acq: 27 Aug 2024 15:11

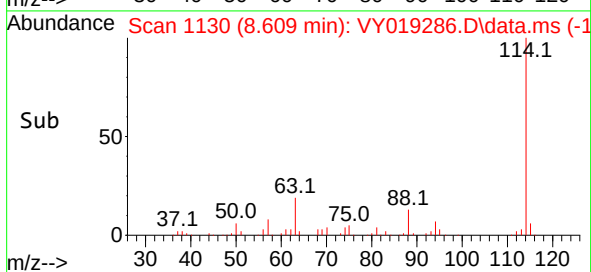
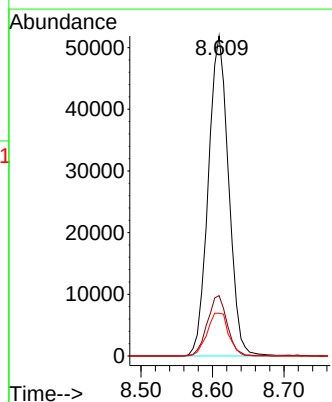
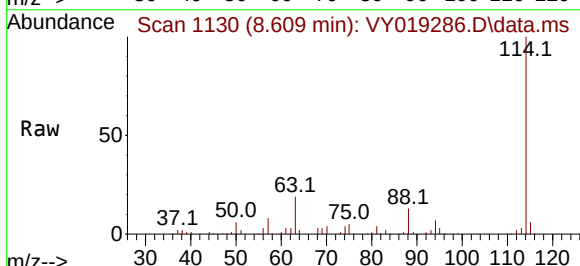
Tgt Ion: 114 Resp: 102078

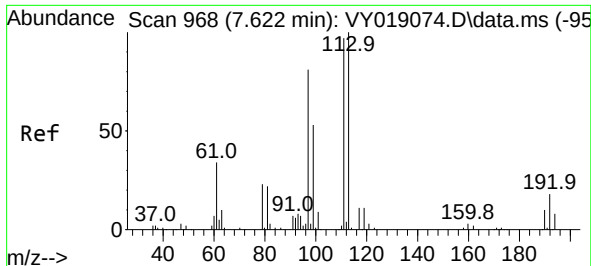
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 13.4 0.0 27.2

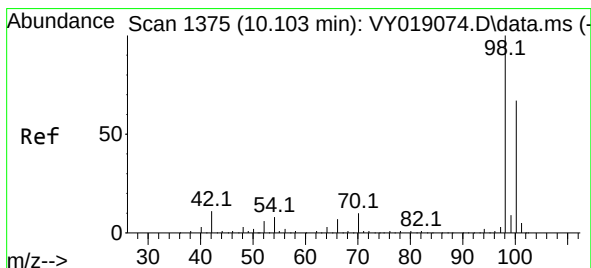
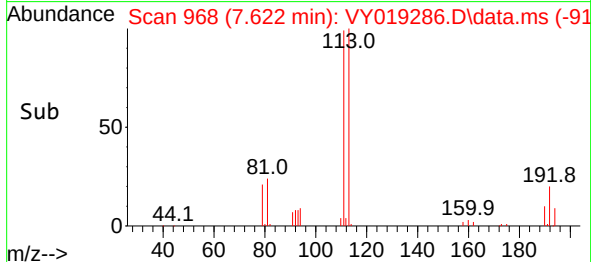
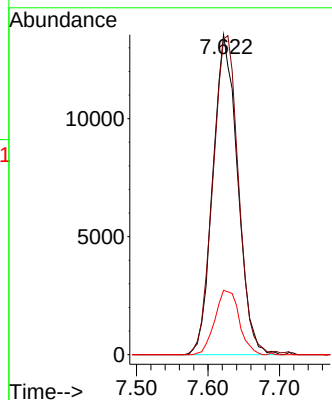
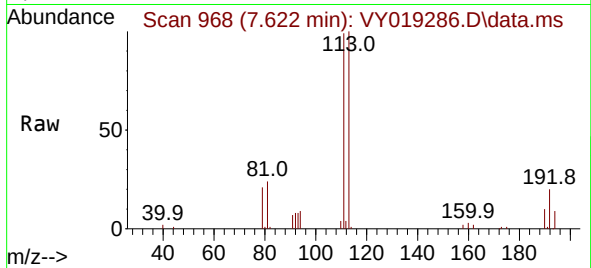




#35
Dibromofluoromethane
Concen: 48.781 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

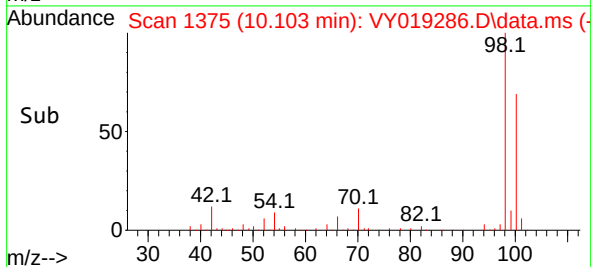
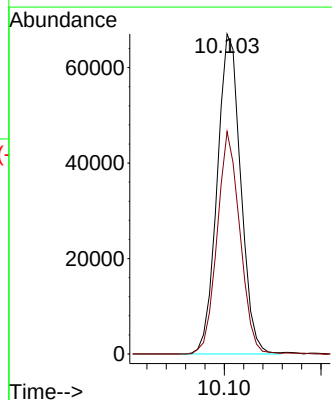
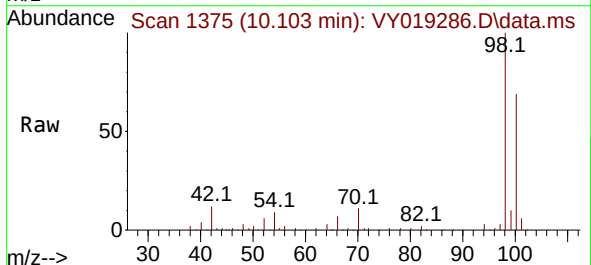
Instrument :
MSVOA_Y
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MOO-SOIL-PILE

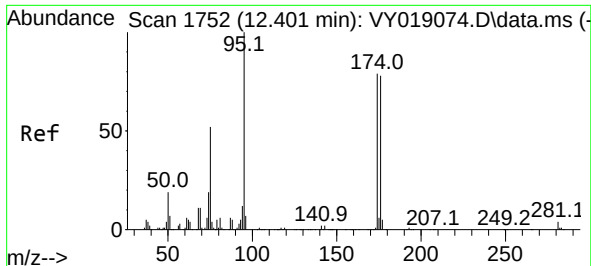
Tgt Ion:113 Resp: 32559
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 19.7 15.9 23.9



#50
Toluene-d8
Concen: 47.123 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

Tgt Ion: 98 Resp: 113186
Ion Ratio Lower Upper
98 100
100 67.4 52.0 78.0

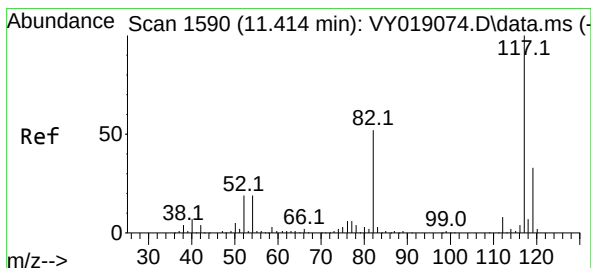
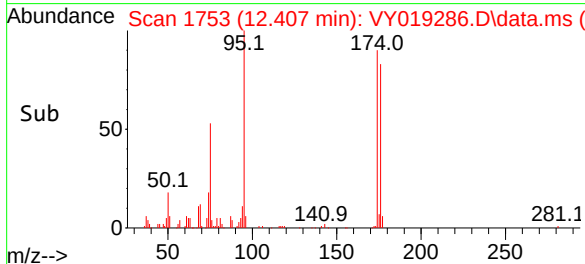
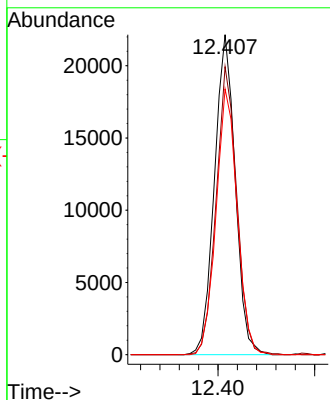
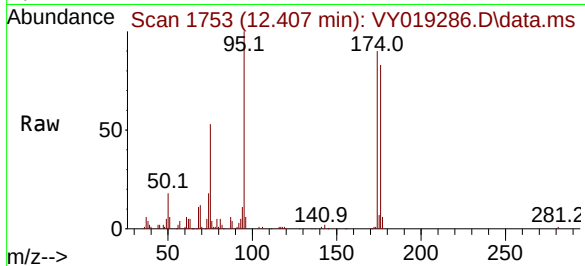




#62
4-Bromofluorobenzene
Concen: 40.315 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

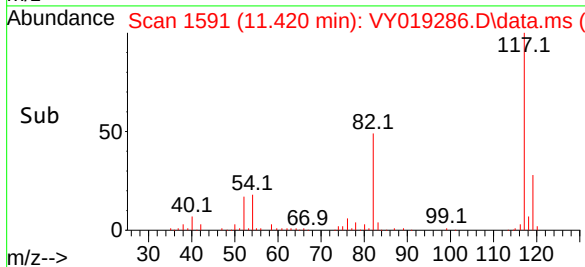
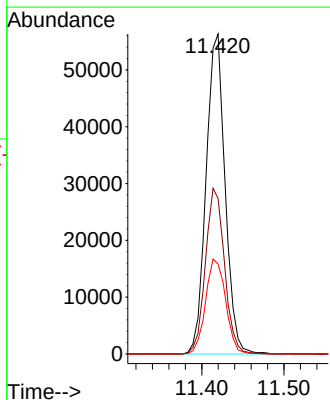
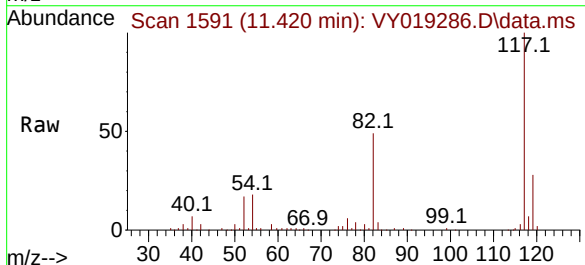
Instrument :
MSVOA_Y
ClientSampleId :
MOO-SOIL-PILE

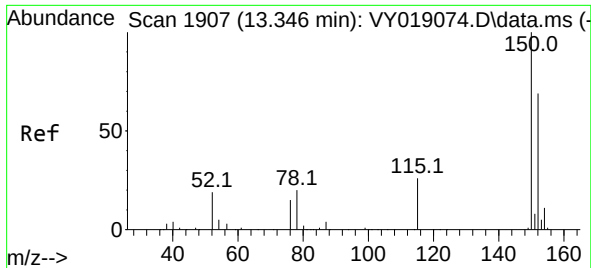
Tgt Ion: 95 Resp: 33010
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 84.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

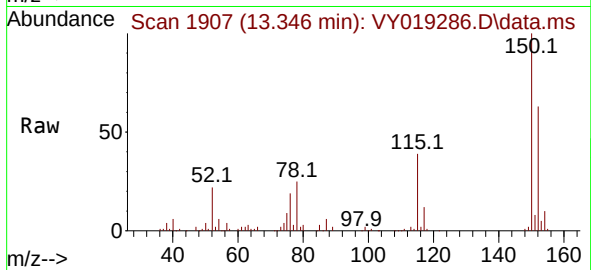
Tgt Ion: 117 Resp: 90327
Ion Ratio Lower Upper
117 100
82 48.6 42.4 63.6
119 28.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019286.D
 Acq: 27 Aug 2024 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-SOIL-PILE



Tgt Ion:	152	Resp:	34286
Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.2	84.7
150	158.2	0.0	345.6

