

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021269.D
 Acq On : 20 Feb 2025 22:57
 Operator : SY/MD
 Sample : Q1393-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-COMP

Quant Time: Feb 21 02:48:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

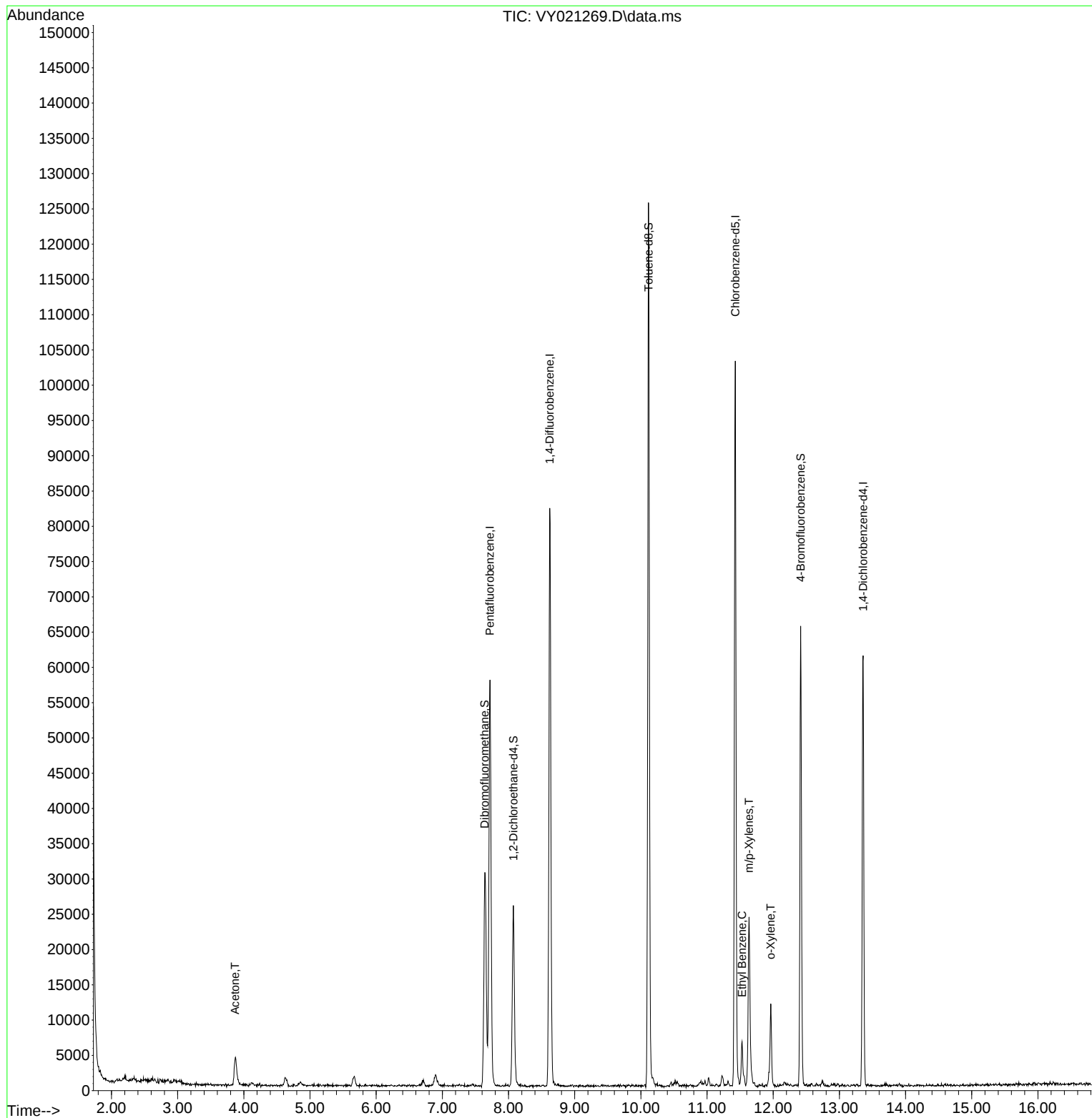
Internal Standards						
1) Pentafluorobenzene	7.720	168	43100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	68423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	53914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	15735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	20110	45.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.080%
35) Dibromofluoromethane	7.640	113	22578	51.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.980%
50) Toluene-d8	10.115	98	79410	47.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.414	95	19701	36.123	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.240%
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	7584	110.128	ug/l #	84
67) Ethyl Benzene	11.530	91	4313	2.031	ug/l	99
68) m/p-Xylenes	11.633	106	6866	8.644	ug/l	98
69) o-Xylene	11.963	106	2606	3.519	ug/l	95

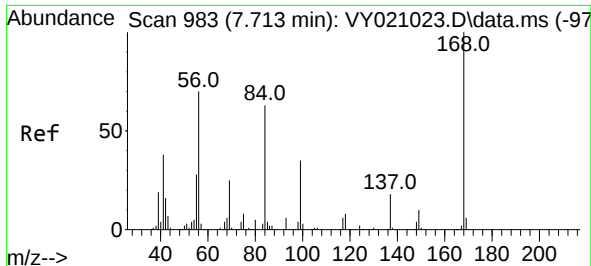
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
Data File : VY021269.D
Acq On : 20 Feb 2025 22:57
Operator : SY/MD
Sample : Q1393-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

Quant Time: Feb 21 02:48:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

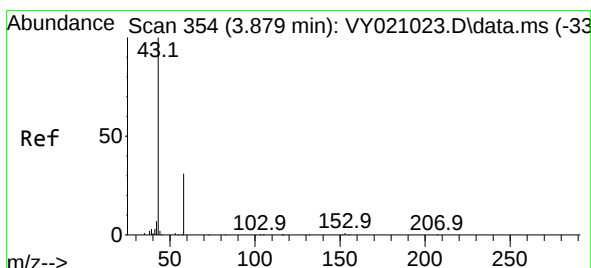
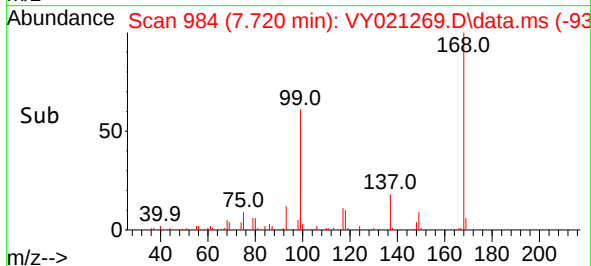
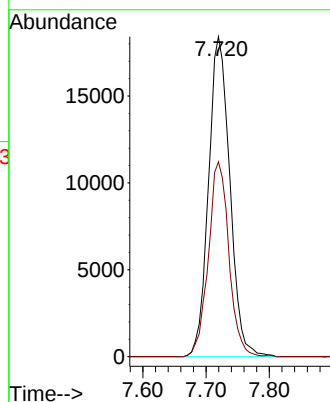
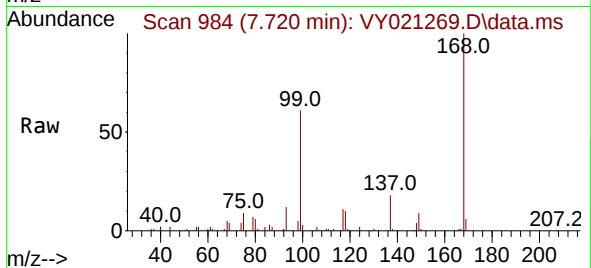




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY021269.D
Acq: 20 Feb 2025 22:57

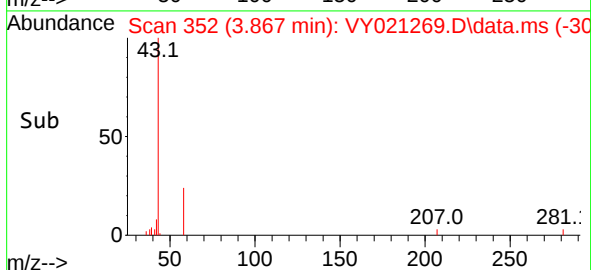
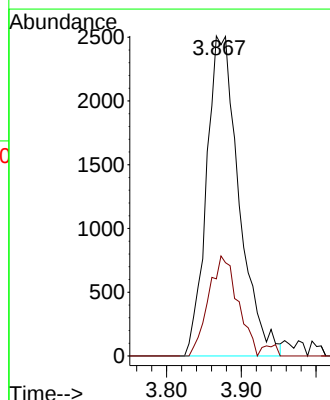
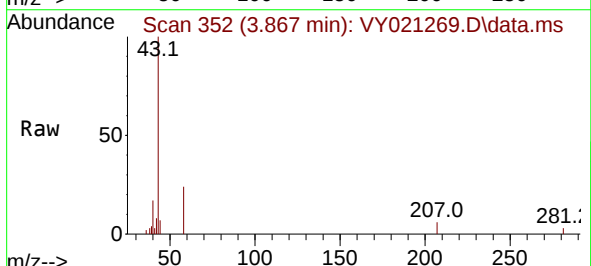
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

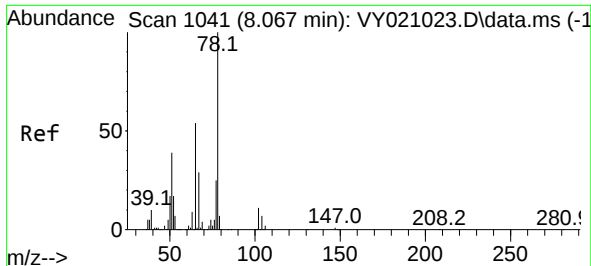
Tgt Ion:168 Resp: 43100
Ion Ratio Lower Upper
168 100
99 60.9 44.2 66.4



#16
Acetone
Concen: 110.128 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021269.D
Acq: 20 Feb 2025 22:57

Tgt Ion: 43 Resp: 7584
Ion Ratio Lower Upper
43 100
58 24.1 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 45.540 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021269.D

Acq: 20 Feb 2025 22:57

Instrument :

MSVOA_Y

ClientSampleId :

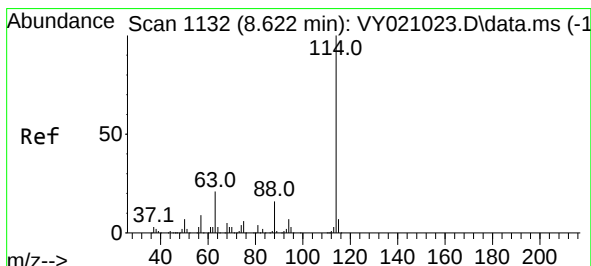
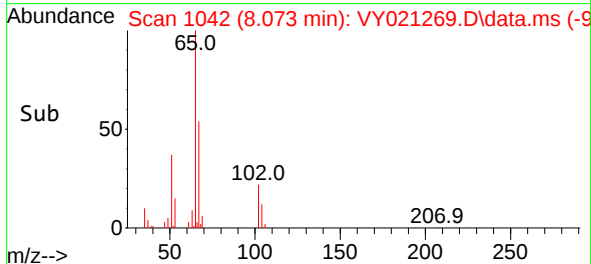
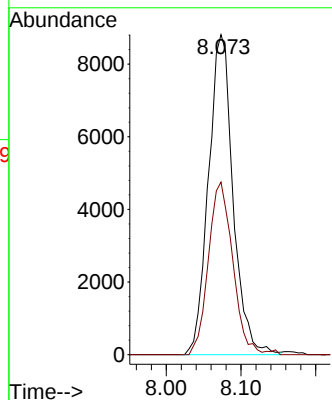
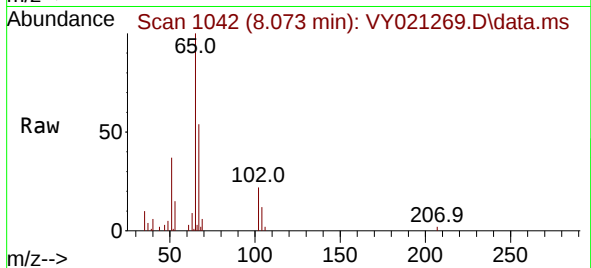
SOIL-COMP

Tgt Ion: 65 Resp: 20110

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021269.D

Acq: 20 Feb 2025 22:57

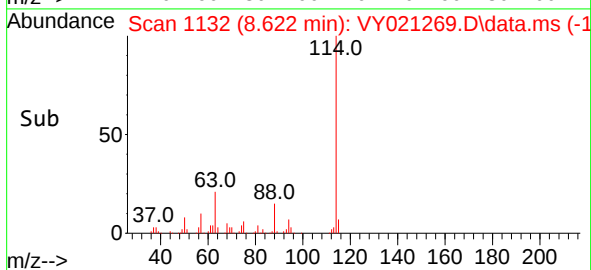
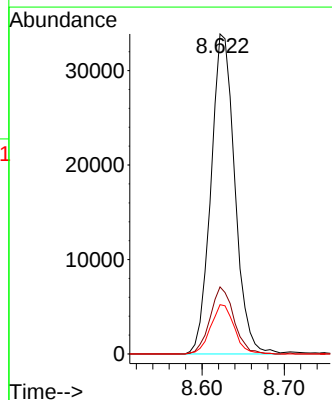
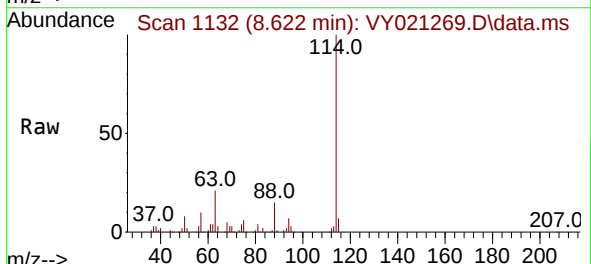
Tgt Ion: 114 Resp: 68423

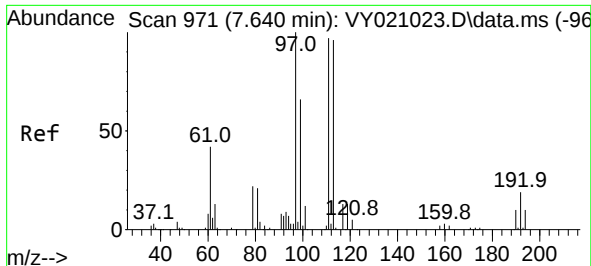
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 15.4 0.0 29.0

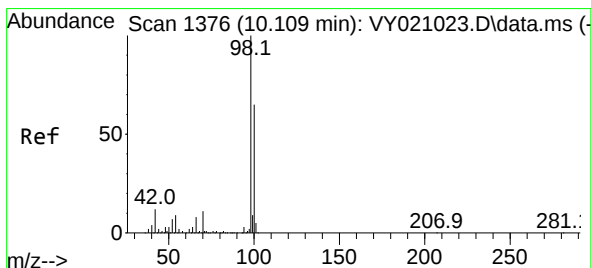
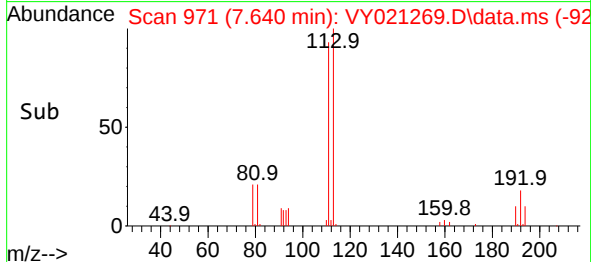
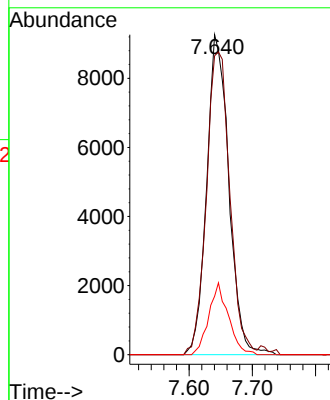
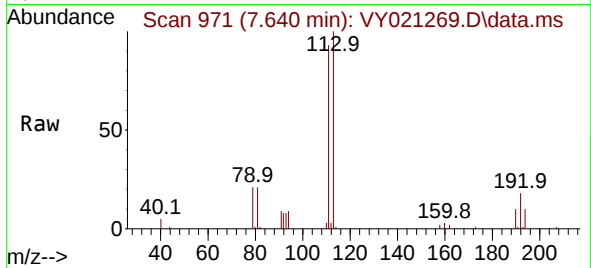




#35
Dibromofluoromethane
Concen: 51.489 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021269.D
Acq: 20 Feb 2025 22:57

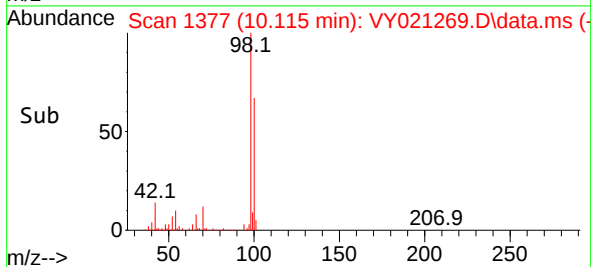
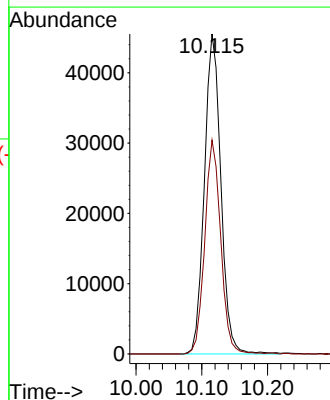
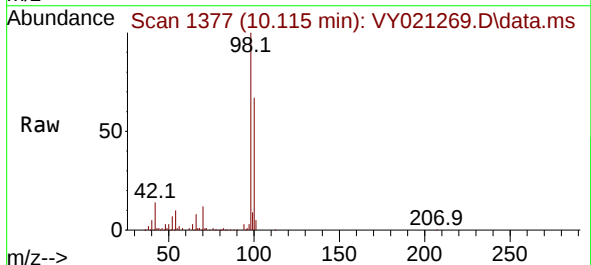
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

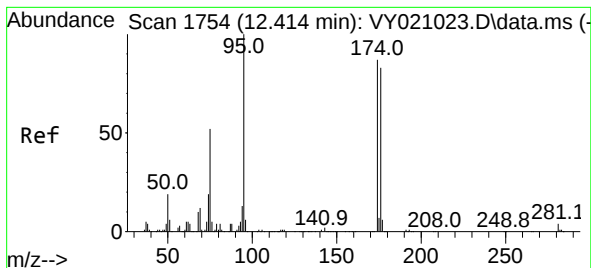
Tgt Ion:113 Resp: 22578
Ion Ratio Lower Upper
113 100
111 99.5 83.8 125.6
192 19.8 14.5 21.7



#50
Toluene-d8
Concen: 47.568 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021269.D
Acq: 20 Feb 2025 22:57

Tgt Ion: 98 Resp: 79410
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

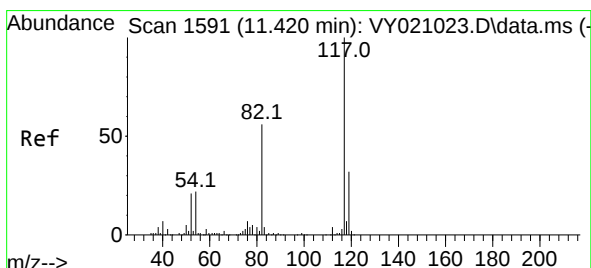
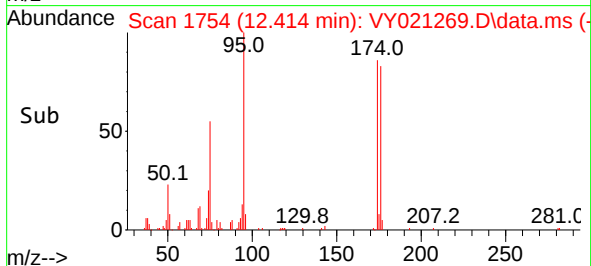
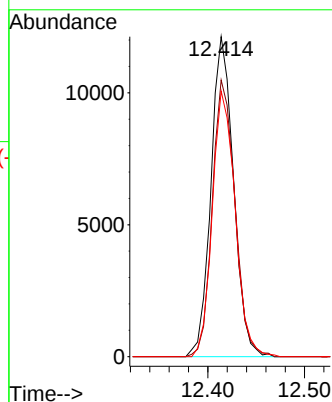
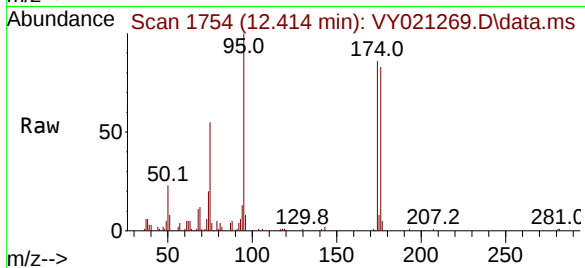




#62
4-Bromofluorobenzene
Concen: 36.123 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021269.D
Acq: 20 Feb 2025 22:57

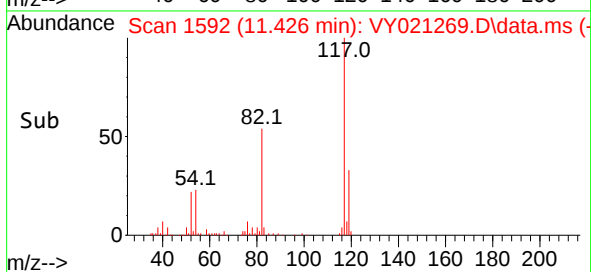
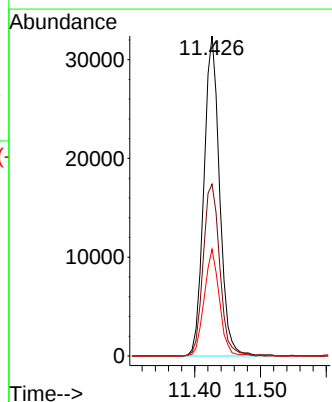
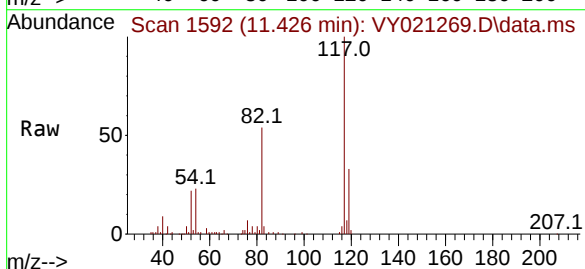
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

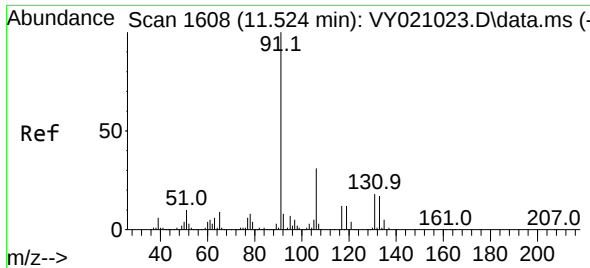
Tgt Ion:	95	Resp:	19701
Ion Ratio	Lower	Upper	
95	100		
174	86.5	0.0	160.0
176	83.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021269.D
Acq: 20 Feb 2025 22:57

Tgt Ion:	117	Resp:	53914
Ion Ratio	Lower	Upper	
117	100		
82	53.7	43.8	65.8
119	33.4	26.5	39.7

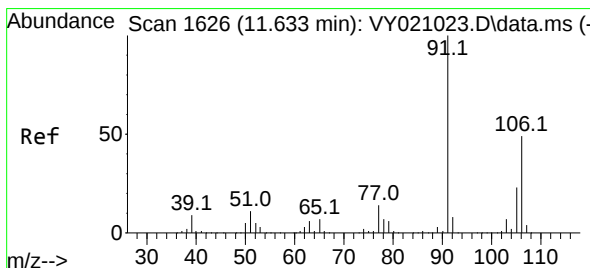
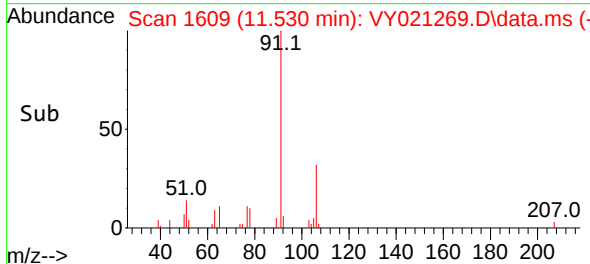
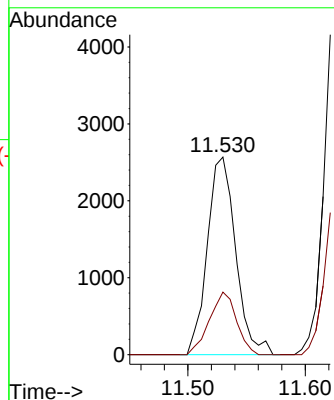
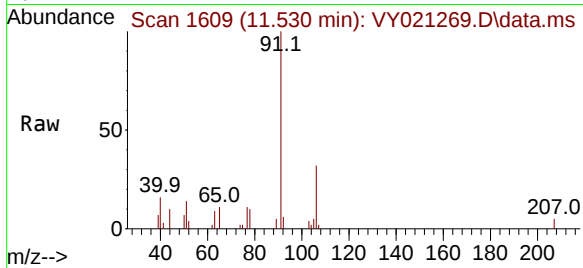




#67
Ethyl Benzene
Concen: 2.031 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.006 min
Lab File: VY021269.D
Acq: 20 Feb 2025 22:57

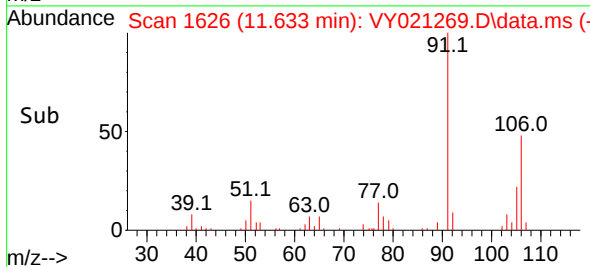
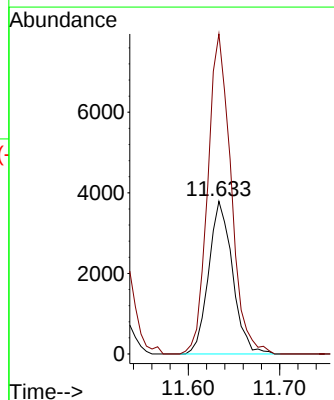
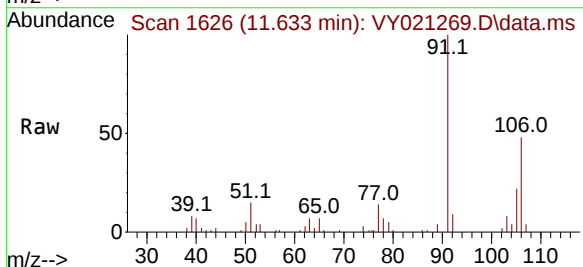
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

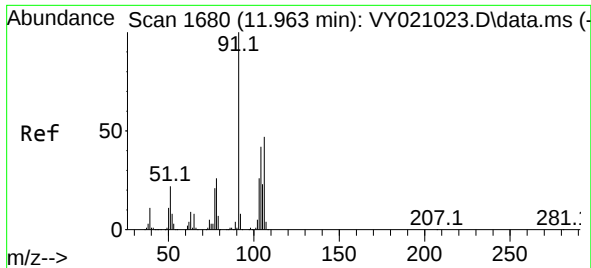
Tgt Ion: 91 Resp: 4313
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4



#68
m/p-Xylenes
Concen: 8.644 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021269.D
Acq: 20 Feb 2025 22:57

Tgt Ion:106 Resp: 6866
Ion Ratio Lower Upper
106 100
91 204.5 160.7 241.1

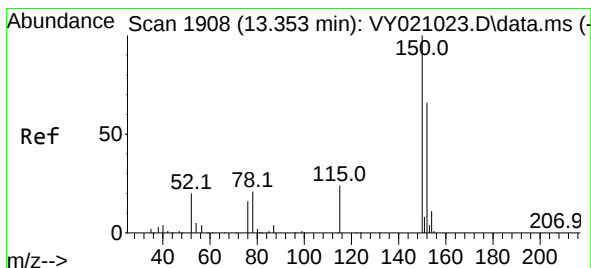
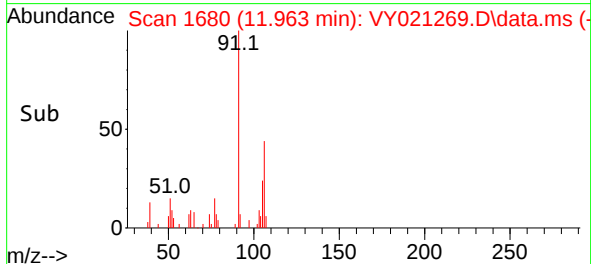
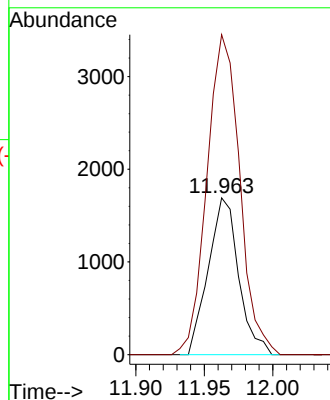
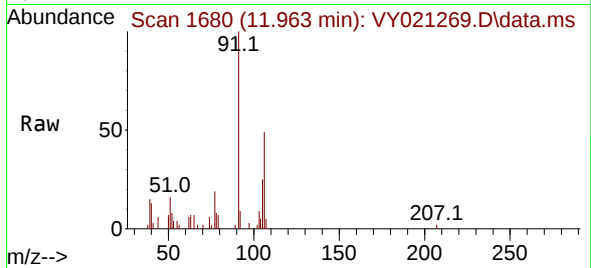




#69
o-Xylene
Concen: 3.519 ug/l
RT: 11.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021269.D
Acq: 20 Feb 2025 22:57

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

Tgt Ion:106 Resp: 2606
Ion Ratio Lower Upper
106 100
91 220.6 106.5 319.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021269.D
Acq: 20 Feb 2025 22:57

Tgt Ion:152 Resp: 15735
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 163.4 0.0 344.6

