

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
 Data File : VY023463.D
 Acq On : 14 Oct 2025 15:39
 Operator : SY/MD
 Sample : Q3343-03
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-ROLLOFF-WC-1-VOC

Quant Time: Oct 15 03:30:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

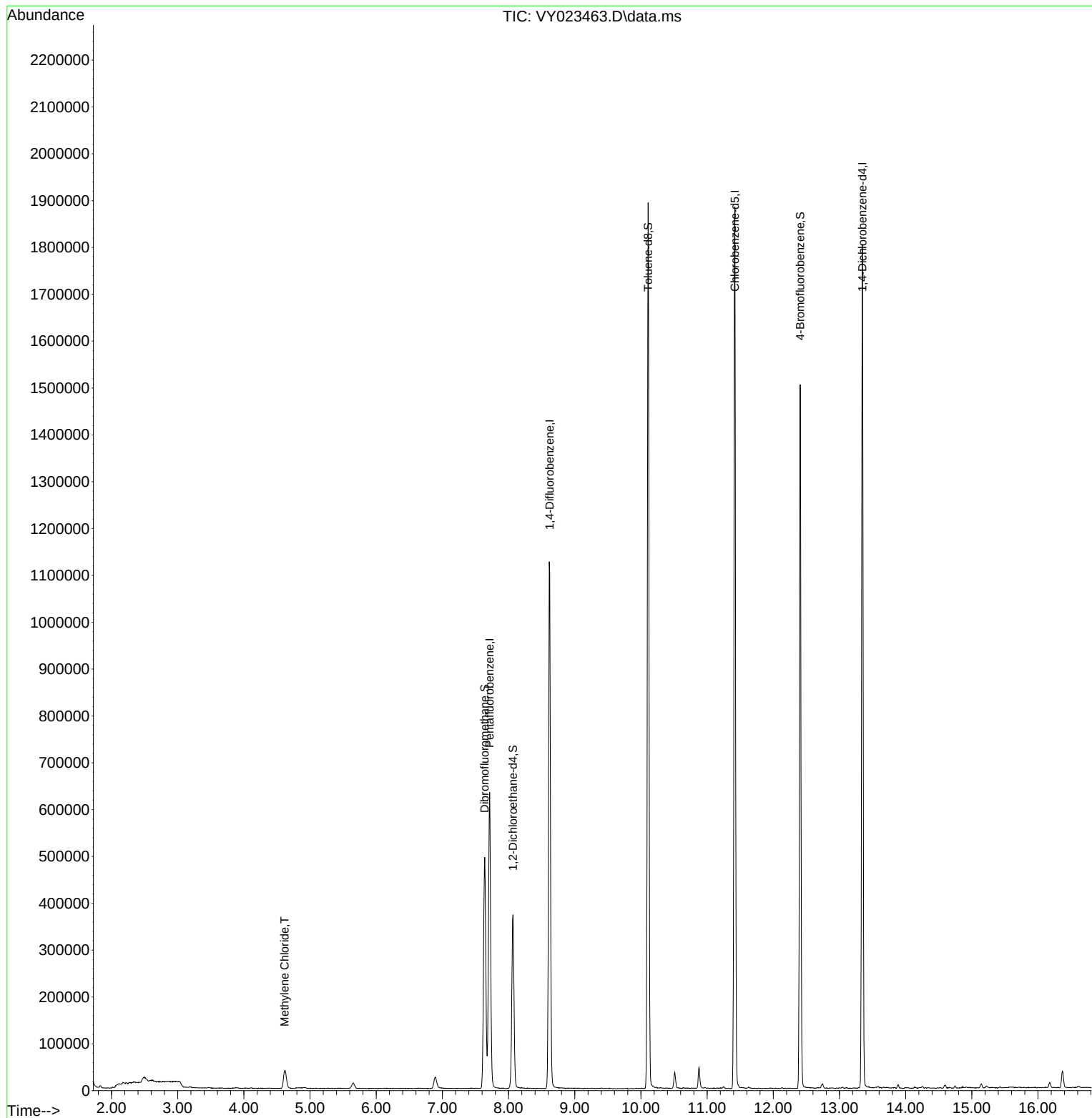
Internal Standards						
1) Pentafluorobenzene	7.713	168	511651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	1026531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1081825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	482857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	287420	67.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.360%
35) Dibromofluoromethane	7.640	113	353304	56.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.020%
50) Toluene-d8	10.109	98	1258426	53.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.140%
62) 4-Bromofluorobenzene	12.407	95	426295	54.969	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.940%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.616	84	32285	5.862	ug/l	98

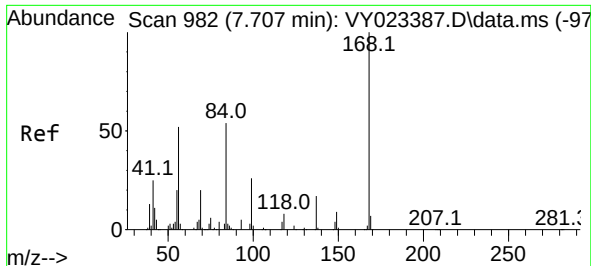
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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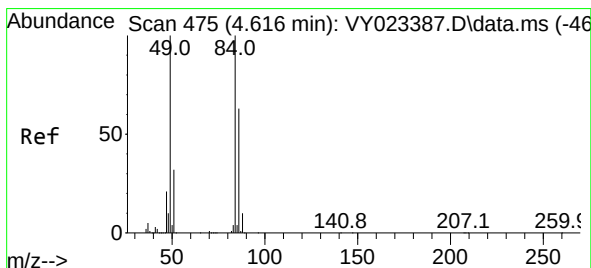
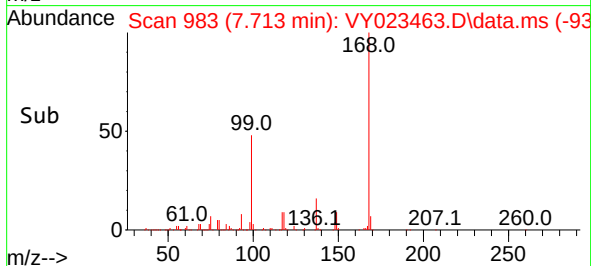
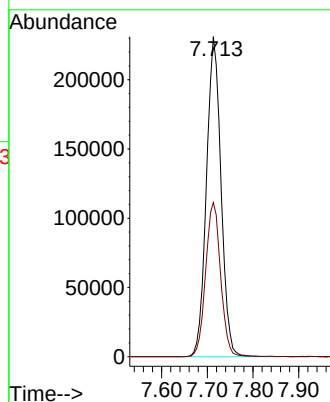
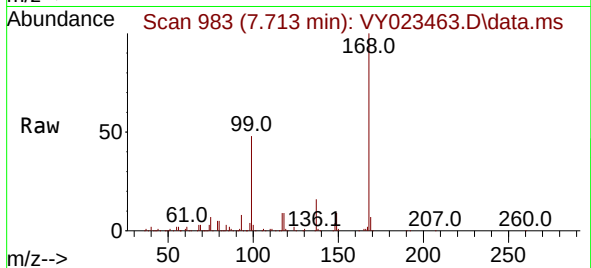




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023463.D
Acq: 14 Oct 2025 15:39

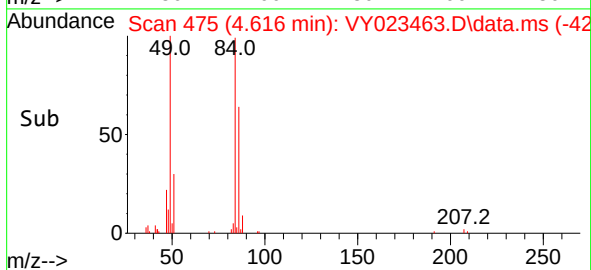
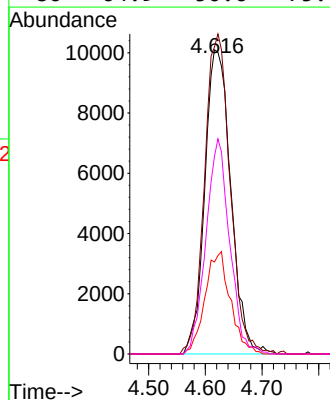
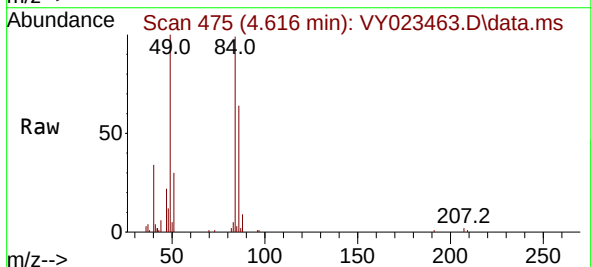
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-ROLLOFF-WC-1-VOC

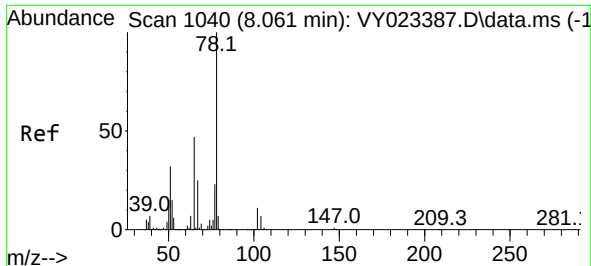
Tgt Ion:168 Resp: 511651
Ion Ratio Lower Upper
168 100
99 48.2 39.7 59.5



#20
Methylene Chloride
Concen: 5.862 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023463.D
Acq: 14 Oct 2025 15:39

Tgt Ion: 84 Resp: 32285
Ion Ratio Lower Upper
84 100
49 100.9 80.2 120.4
51 30.2 25.9 38.9
86 64.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 67.178 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023463.D

Acq: 14 Oct 2025 15:39

Instrument :

MSVOA_Y

ClientSampleId :

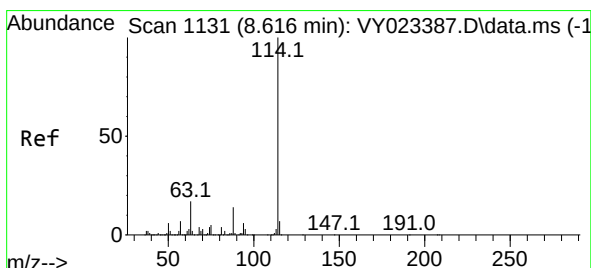
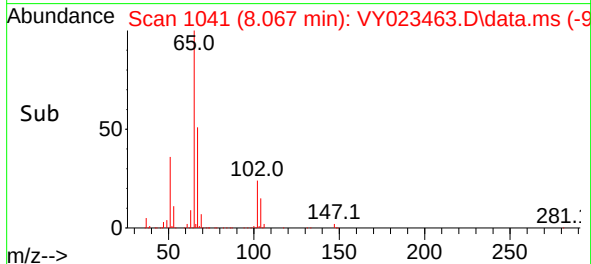
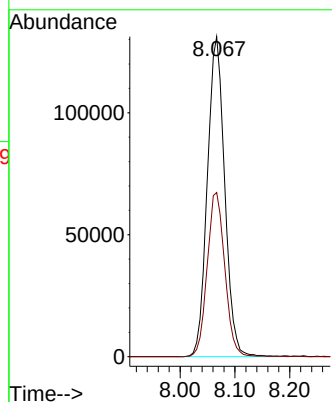
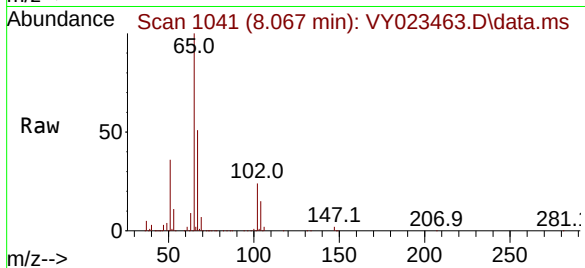
SOIL-ROLLOFF-WC-1-VOC

Tgt Ion: 65 Resp: 287420

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023463.D

Acq: 14 Oct 2025 15:39

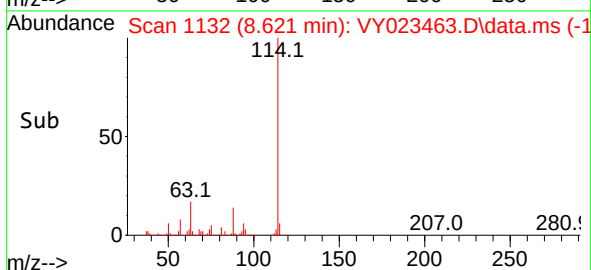
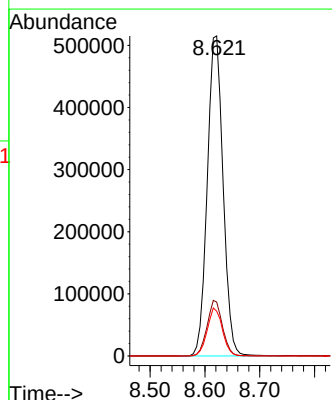
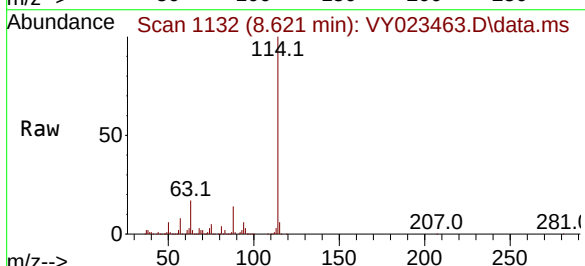
Tgt Ion: 114 Resp: 1026531

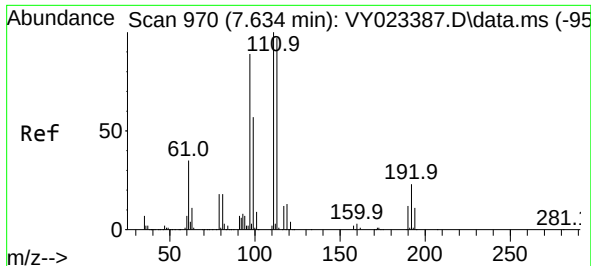
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.2

88 14.0 0.0 28.4

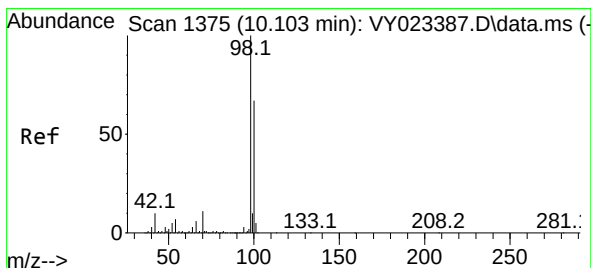
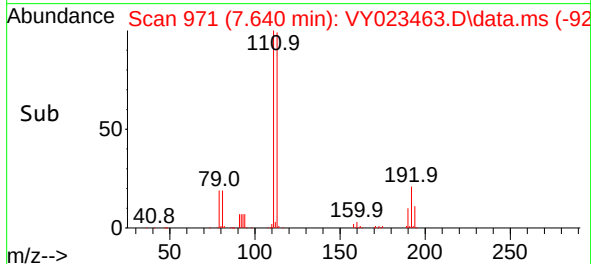
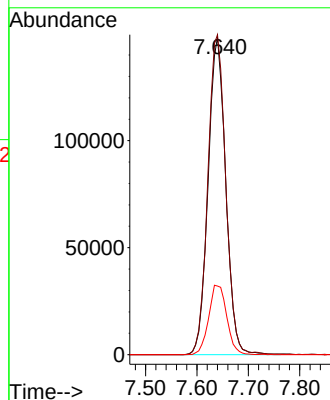
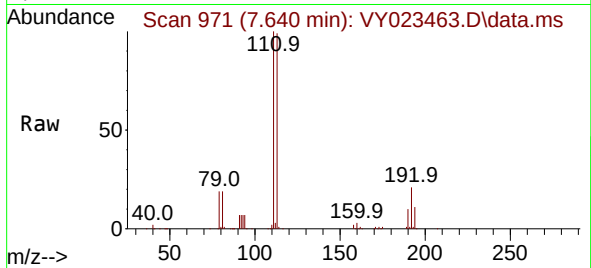




#35
Dibromofluoromethane
Concen: 56.013 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023463.D
Acq: 14 Oct 2025 15:39

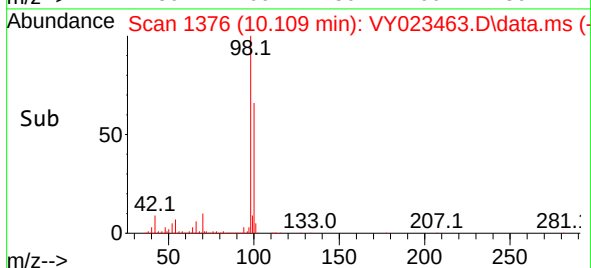
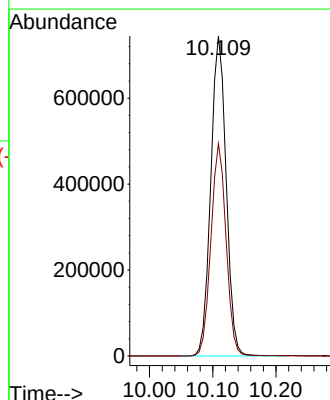
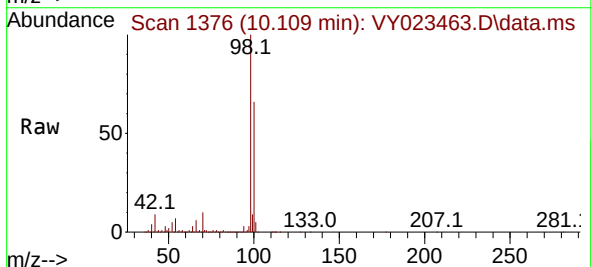
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-ROLLOFF-WC-1-VOC

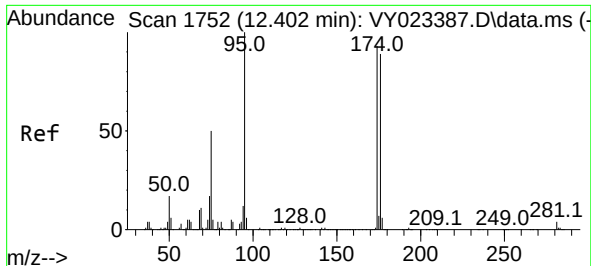
Tgt Ion:113 Resp: 353304
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 22.5 18.0 27.0



#50
Toluene-d8
Concen: 53.573 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023463.D
Acq: 14 Oct 2025 15:39

Tgt Ion: 98 Resp: 1258426
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

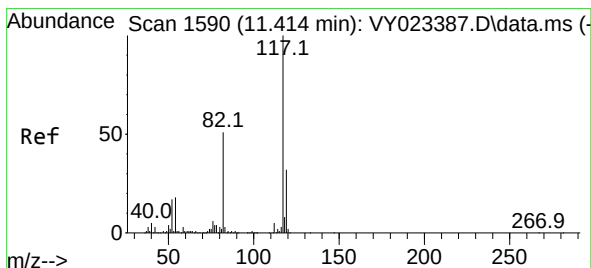
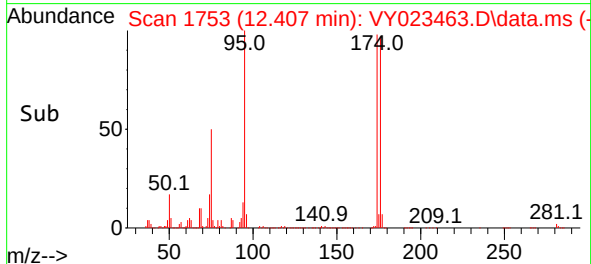
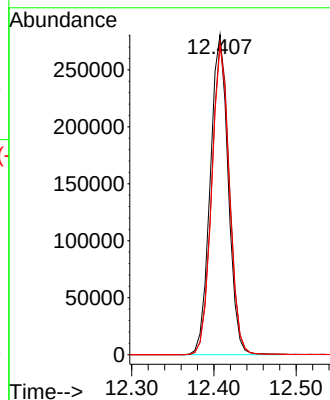
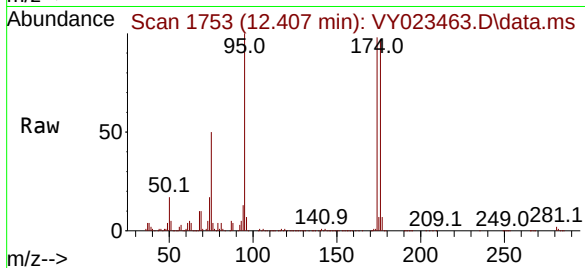




#62
4-Bromofluorobenzene
Concen: 54.969 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023463.D
Acq: 14 Oct 2025 15:39

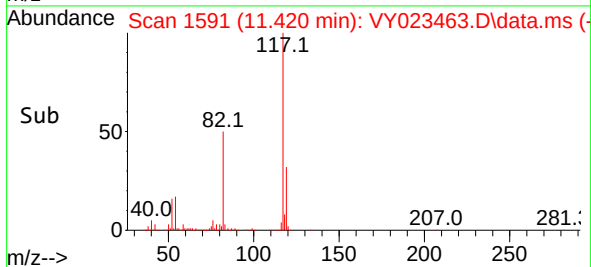
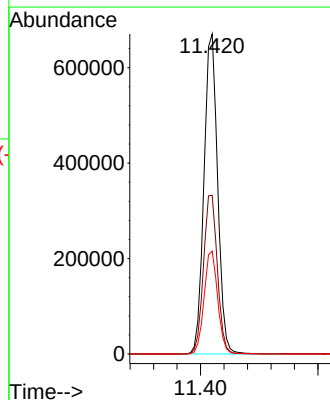
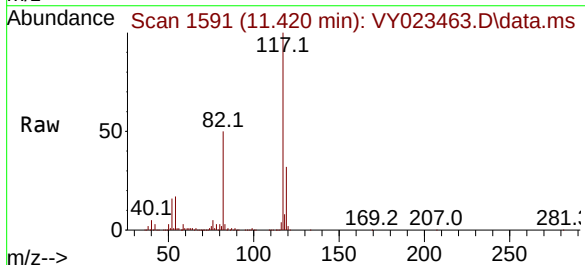
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-ROLLOFF-WC-1-VOC

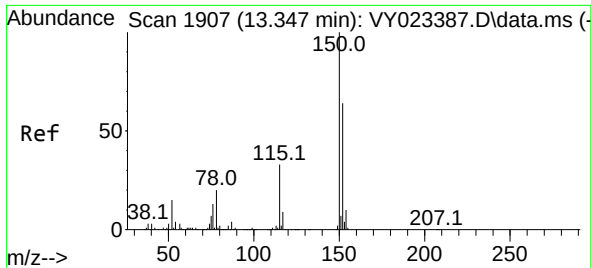
Tgt Ion: 95 Resp: 426295
Ion Ratio Lower Upper
95 100
174 97.2 0.0 192.8
176 94.5 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023463.D
Acq: 14 Oct 2025 15:39

Tgt Ion: 117 Resp: 1081825
Ion Ratio Lower Upper
117 100
82 49.6 41.0 61.4
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY023463.D
 Acq: 14 Oct 2025 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-ROLLOFF-WC-1-VOC

Tgt Ion:152 Resp: 482857
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.1 81.2
 150 156.2 0.0 347.4

