

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021488.D
 Acq On : 11 Mar 2025 15:55
 Operator : SY/MD
 Sample : Q1494-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL

Quant Time: Mar 11 16:30:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	3105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	4590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2025	61.704	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.400%
35) Dibromofluoromethane	7.628	113	1325	43.917	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.840%
50) Toluene-d8	10.103	98	4092	35.821	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.640%
62) 4-Bromofluorobenzene	12.414	95	448	11.529	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	23.060%#

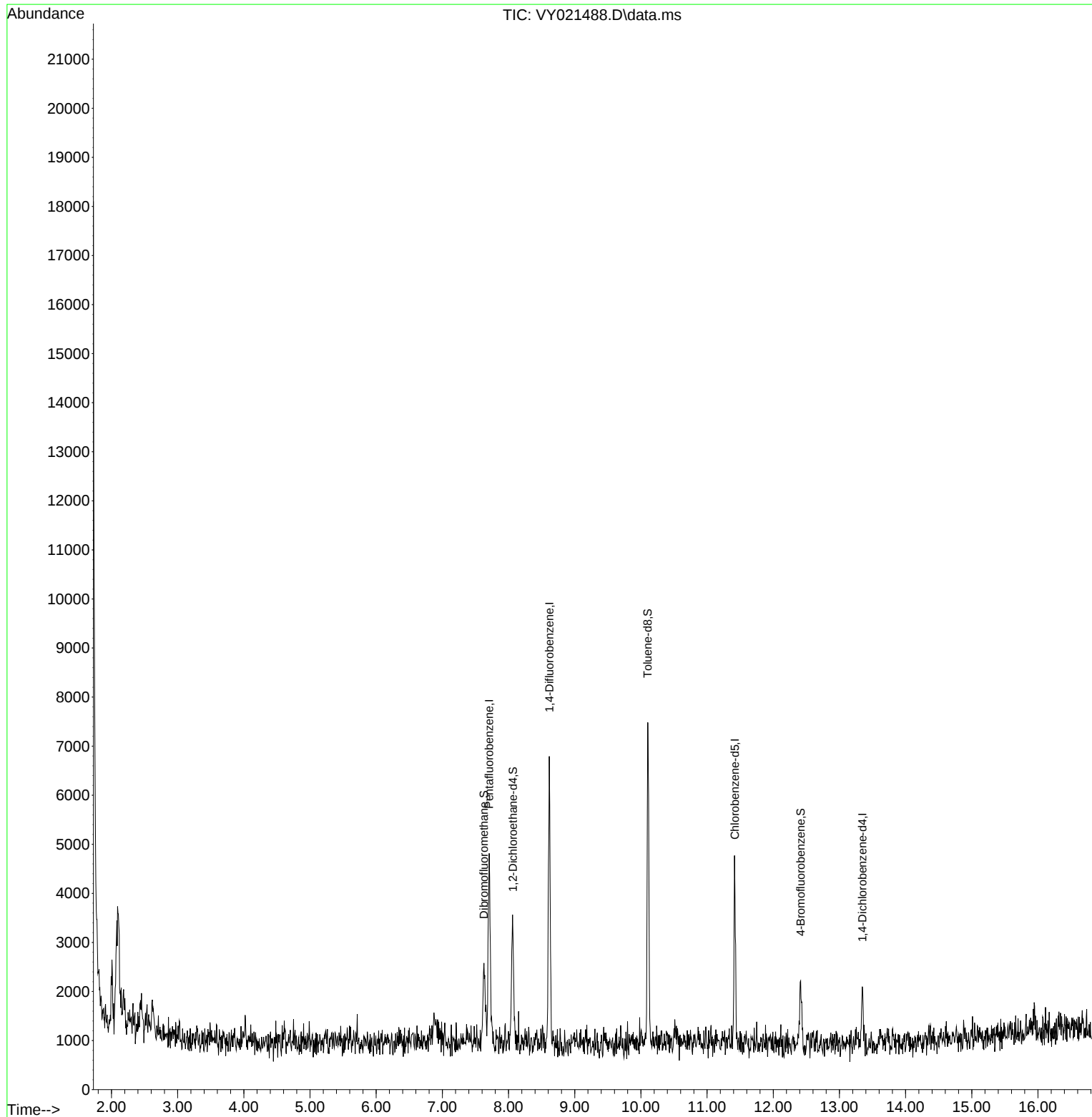
Target Compounds	Qvalue

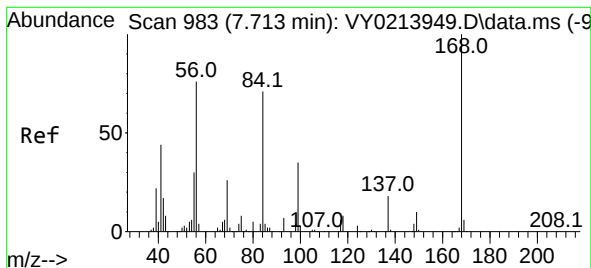
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021488.D

Acq: 11 Mar 2025 15:55

Instrument :

MSVOA_Y

ClientSampleId :

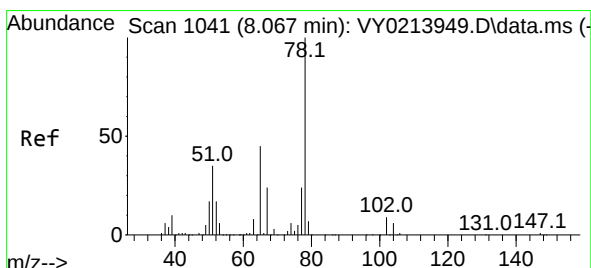
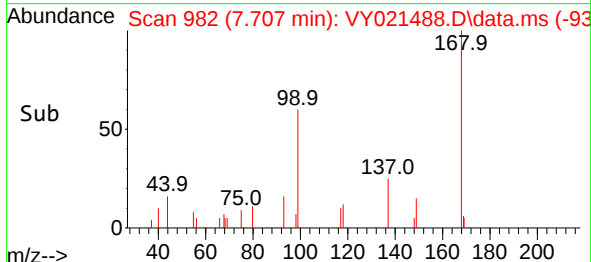
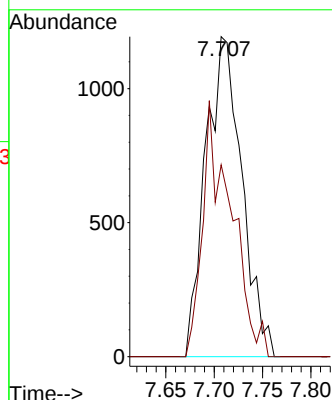
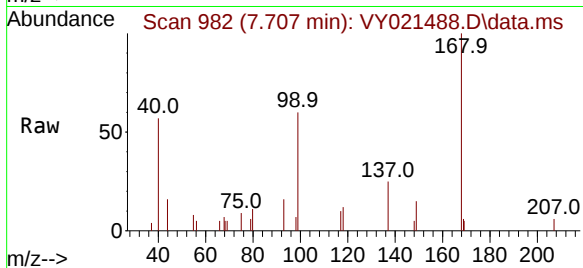
SOIL

Tgt Ion:168 Resp: 3105

Ion Ratio Lower Upper

168 100

99 60.0 46.0 69.0



#33

1,2-Dichloroethane-d4

Concen: 61.704 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021488.D

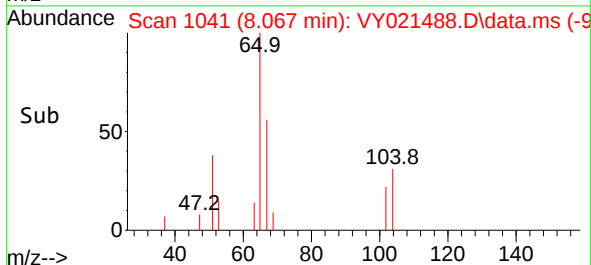
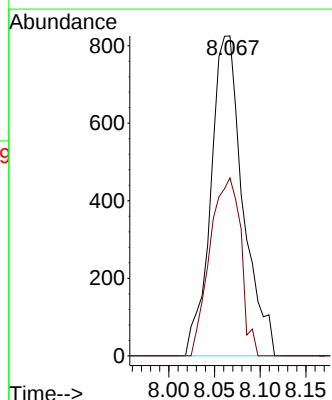
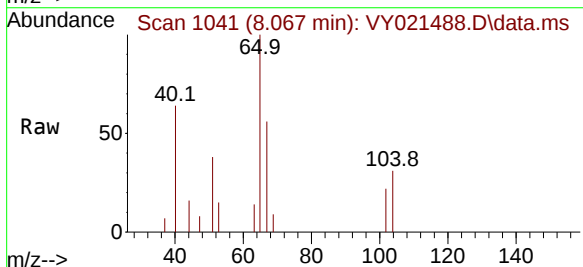
Acq: 11 Mar 2025 15:55

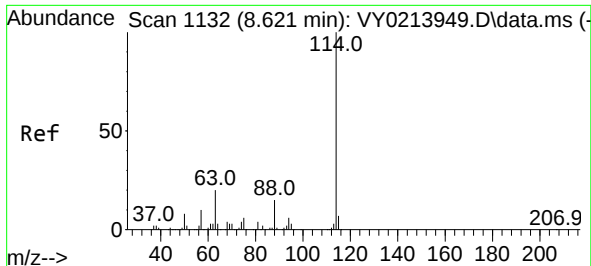
Tgt Ion: 65 Resp: 2025

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.8

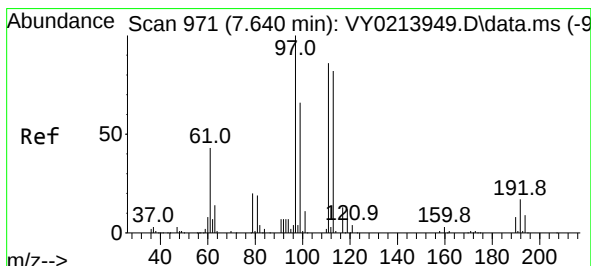
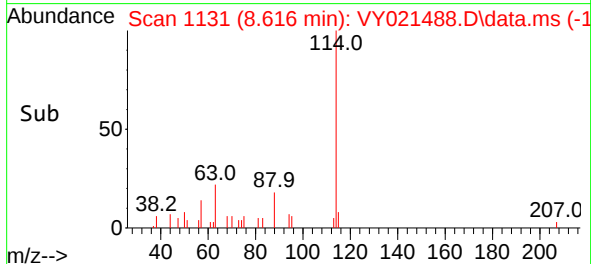
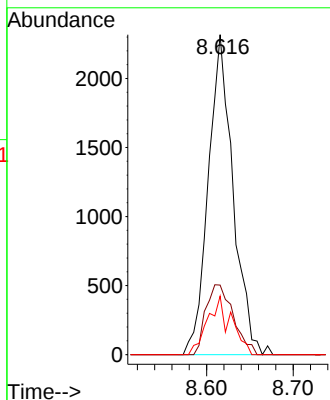
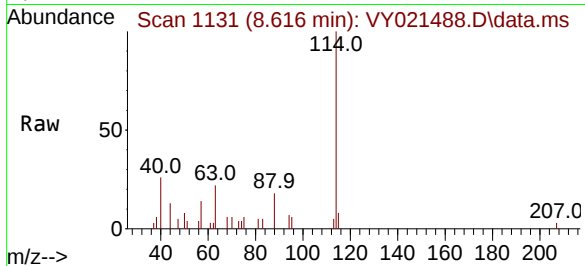




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021488.D
Acq: 11 Mar 2025 15:55

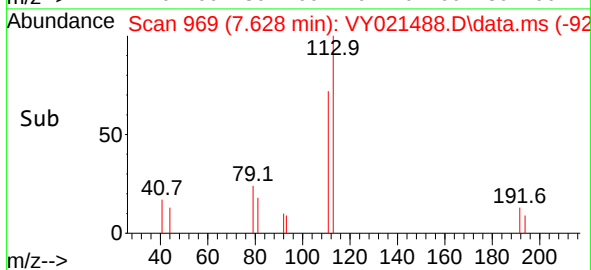
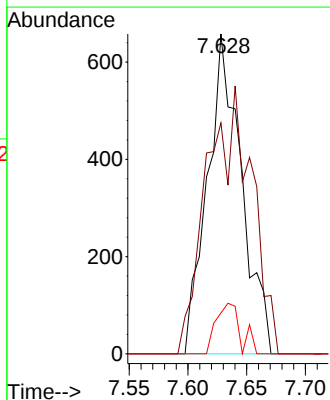
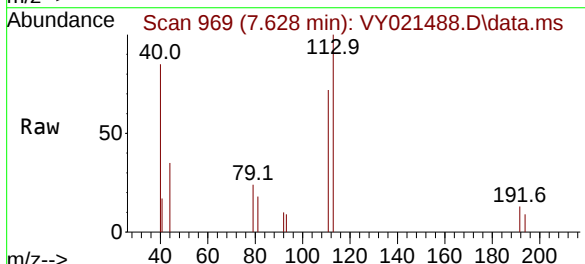
Instrument :
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ClientSampleId :
SOIL

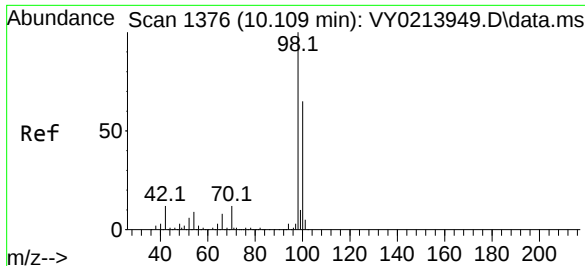
Tgt Ion:114	Resp:	4590
Ion	Ratio	Lower Upper
114	100	
63	21.8	0.0 40.8
88	18.3	0.0 30.8



#35
Dibromofluoromethane
Concen: 43.917 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY021488.D
Acq: 11 Mar 2025 15:55

Tgt Ion:113	Resp:	1325
Ion	Ratio	Lower Upper
113	100	
111	58.1	82.0 123.0#
192	11.3	15.9 23.9#

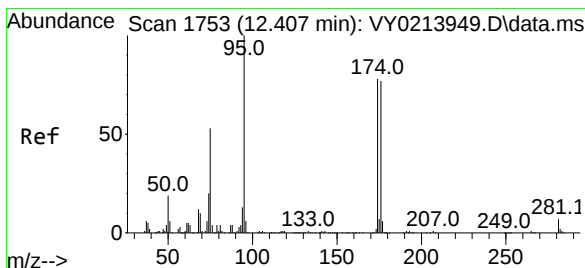
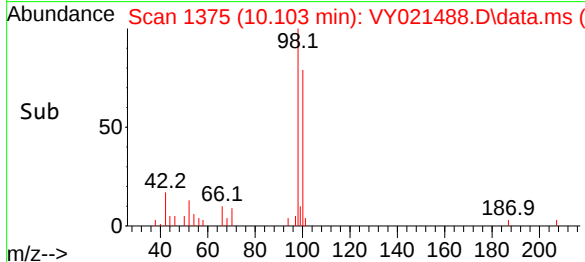
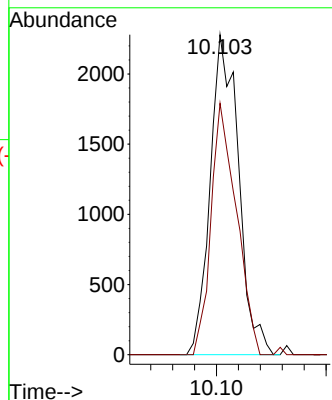
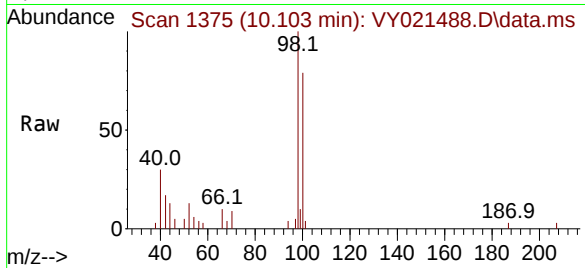




#50
Toluene-d8
Concen: 35.821 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021488.D
Acq: 11 Mar 2025 15:55

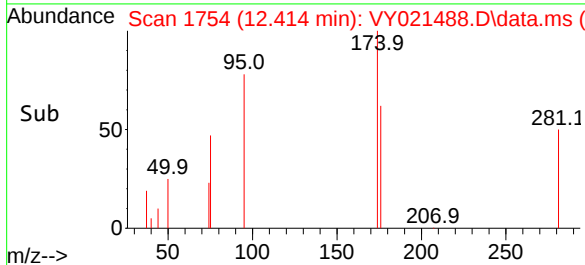
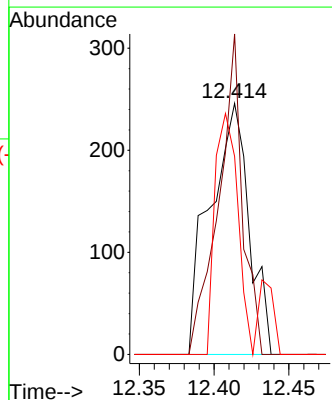
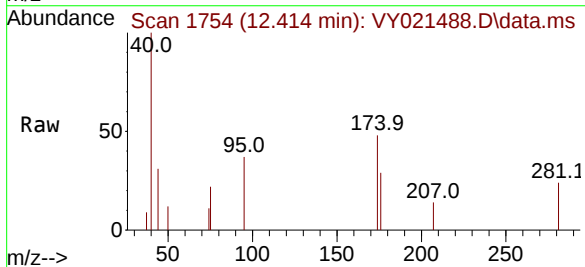
Instrument :
MSVOA_Y
ClientSampleId :
SOIL

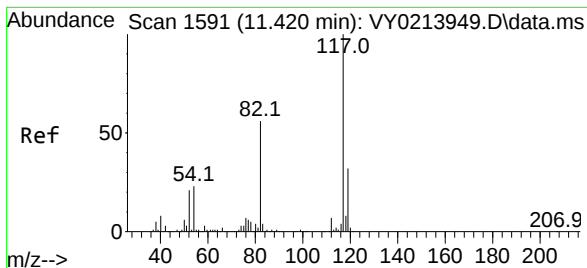
Tgt Ion: 98 Resp: 4092
Ion Ratio Lower Upper
98 100
100 70.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 11.529 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021488.D
Acq: 11 Mar 2025 15:55

Tgt Ion: 95 Resp: 448
Ion Ratio Lower Upper
95 100
174 78.1 0.0 165.0
176 56.0 0.0 160.0

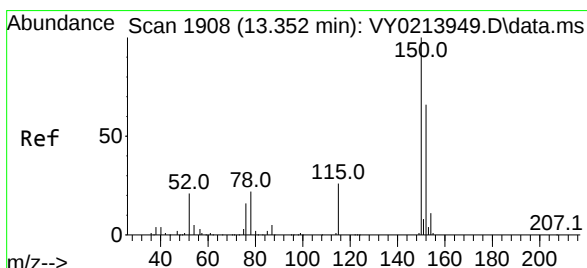
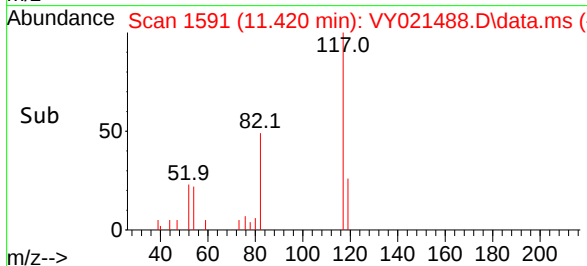
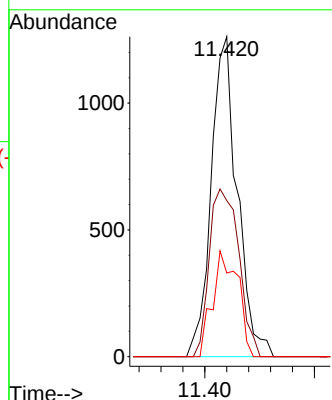
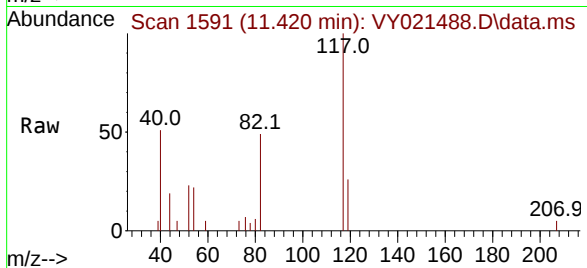




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY021488.D
Acq: 11 Mar 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
SOIL

Tgt Ion:	117	Resp:	2083
Ion	Ratio	Lower	Upper
117	100		
82	48.8	44.6	67.0
119	26.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021488.D
Acq: 11 Mar 2025 15:55

Tgt Ion:	152	Resp:	407
Ion	Ratio	Lower	Upper
152	100		
115	65.8	29.0	87.0
150	129.2	0.0	347.2

