

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013413.D
 Acq On : 24 Apr 2023 20:10
 Operator : KP/MD
 Sample : 02371-17
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-9.0-9.5

Quant Time: Apr 25 03:18:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	7631	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	12531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	14137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8028	95.968	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	191.940%#
35) Dibromofluoromethane	7.716	113	6117	77.613	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	155.220%#
50) Toluene-d8	10.179	98	14933	53.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.477	95	5099	53.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.900%

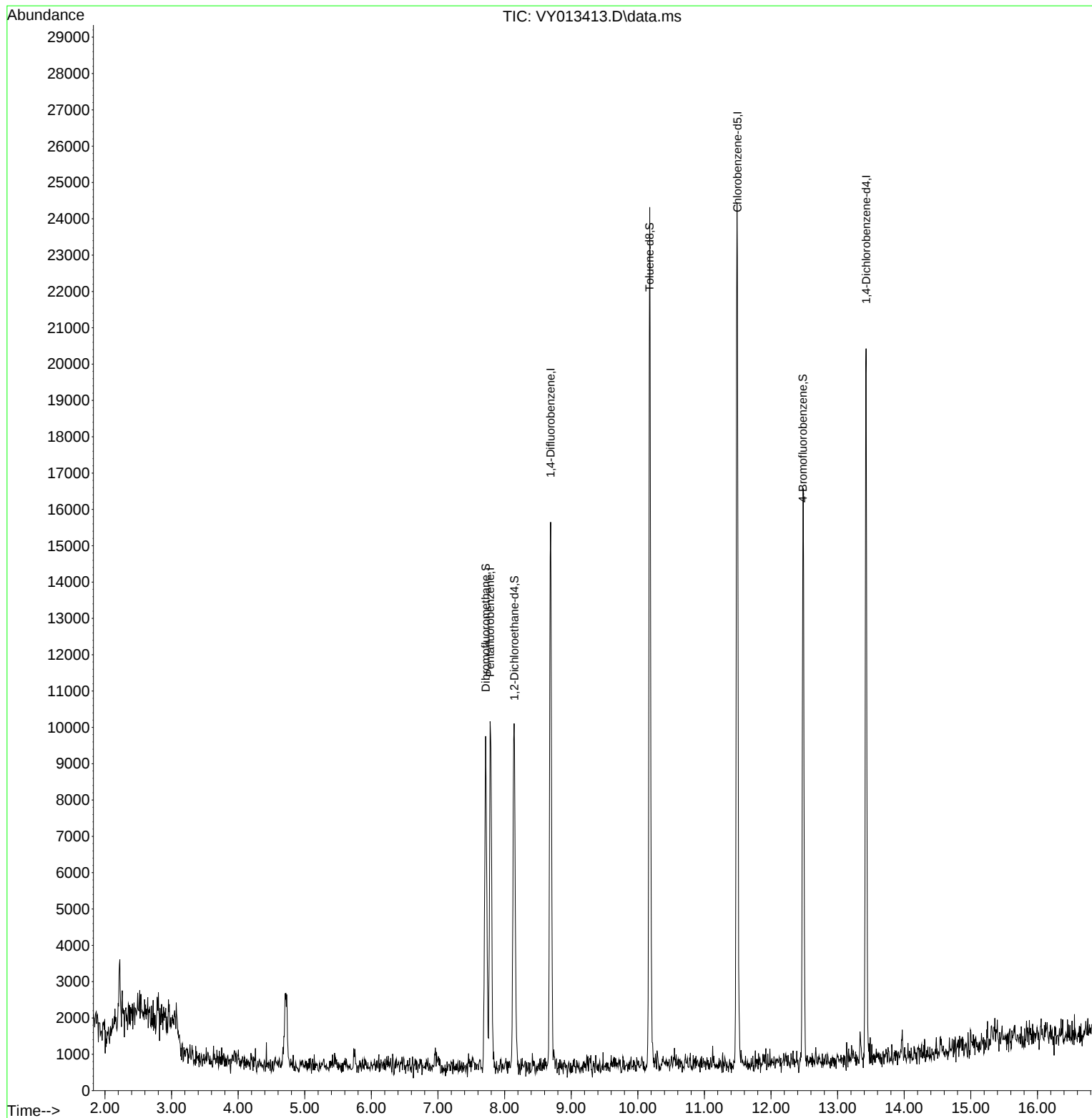
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
Data File : VY013413.D
Acq On : 24 Apr 2023 20:10
Operator : KP/MD
Sample : 02371-17
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

Quant Time: Apr 25 03:18:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

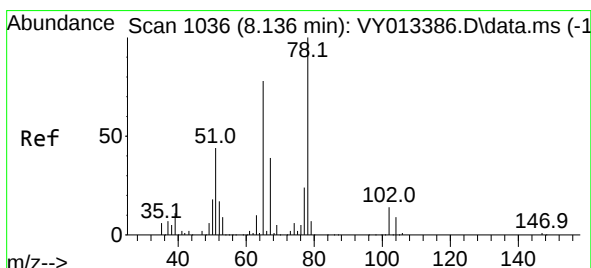
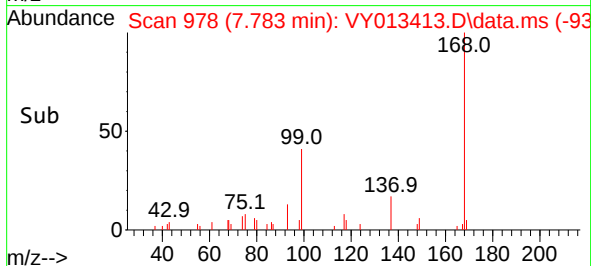
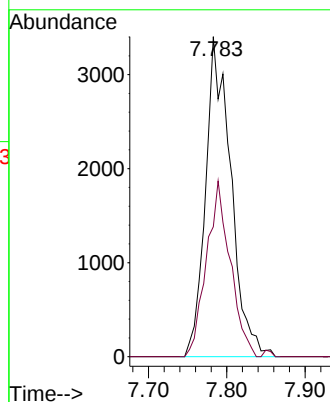
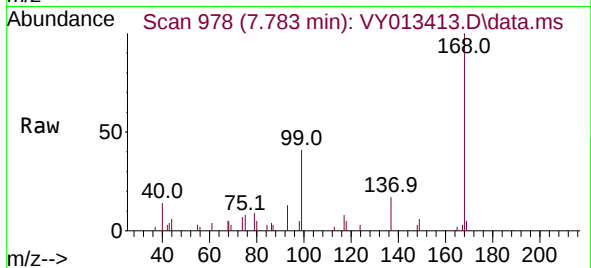




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013413.D
Acq: 24 Apr 2023 20:10

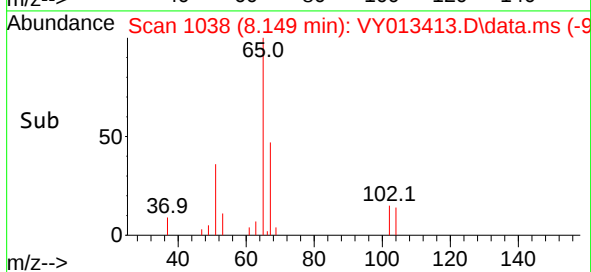
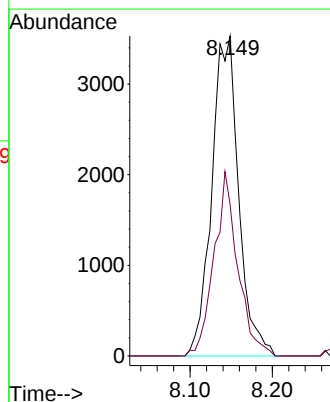
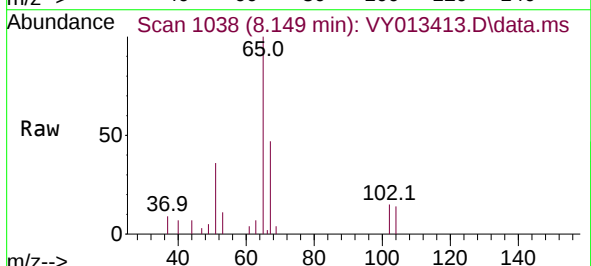
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

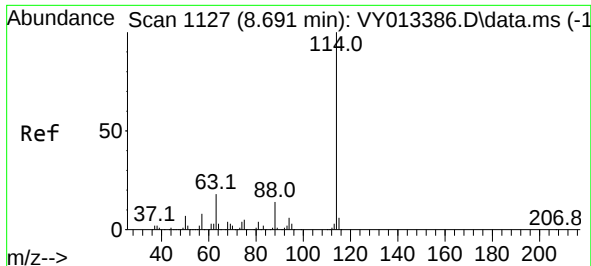
Tgt Ion:168 Resp: 7631
Ion Ratio Lower Upper
168 100
99 40.6 41.8 62.6#



#33
1,2-Dichloroethane-d4
Concen: 95.968 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY013413.D
Acq: 24 Apr 2023 20:10

Tgt Ion: 65 Resp: 8028
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

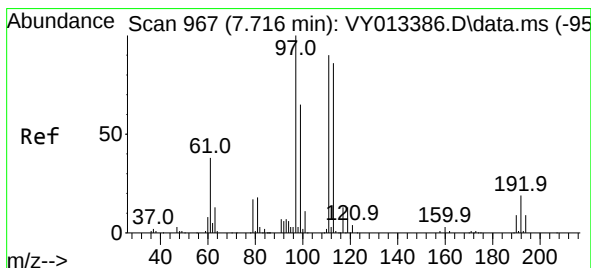
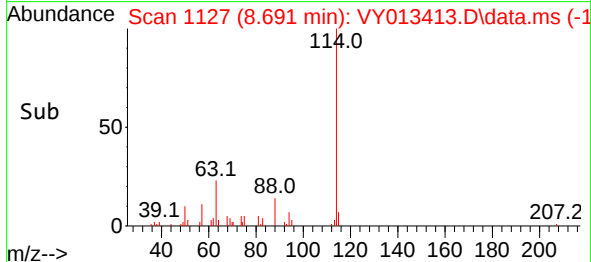
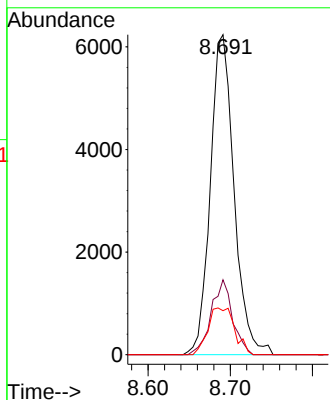
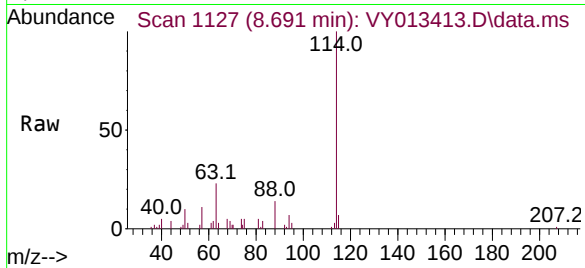




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013413.D
Acq: 24 Apr 2023 20:10

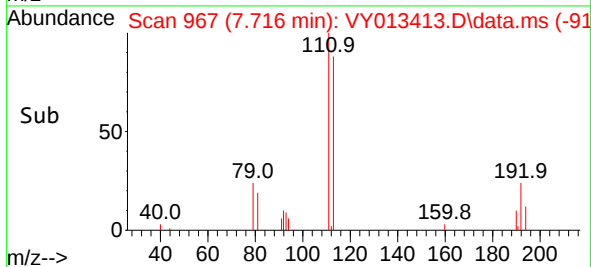
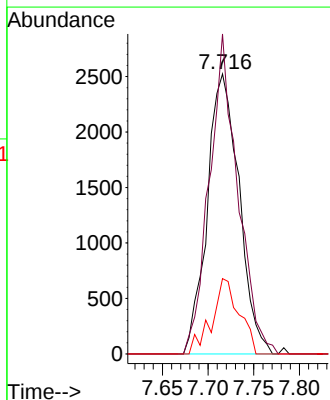
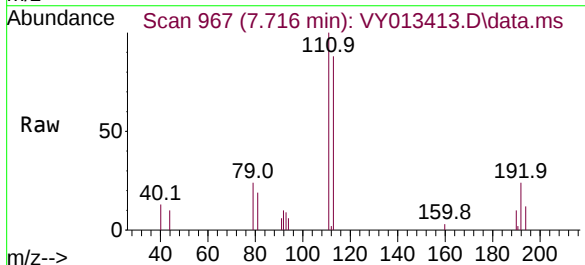
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

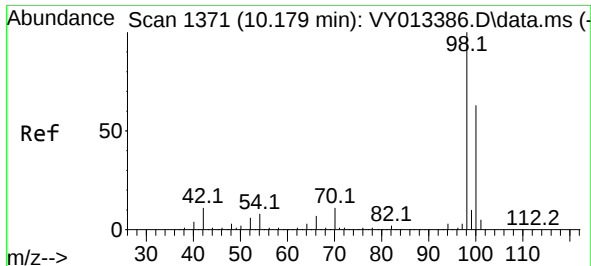
Tgt Ion:	114	Resp:	12531
Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	36.6
88	13.8	0.0	28.8



#35
Dibromofluoromethane
Concen: 77.613 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013413.D
Acq: 24 Apr 2023 20:10

Tgt Ion:	113	Resp:	6117
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	22.9	16.7	25.1

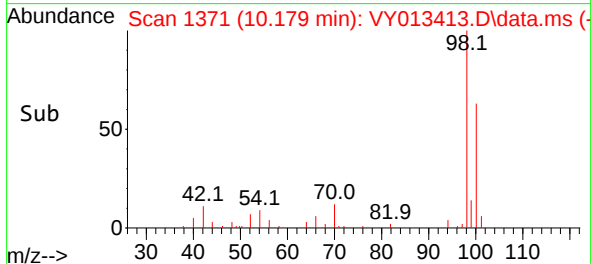
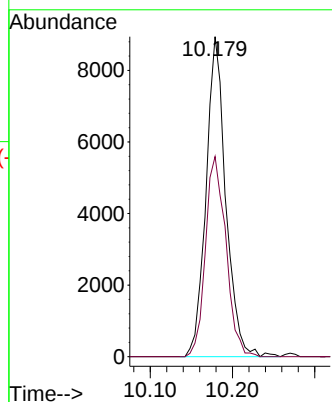
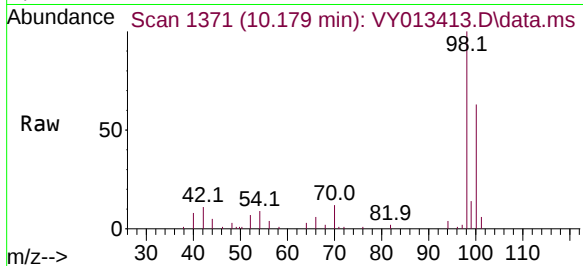




#50
Toluene-d8
Concen: 53.261 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013413.D
Acq: 24 Apr 2023 20:10

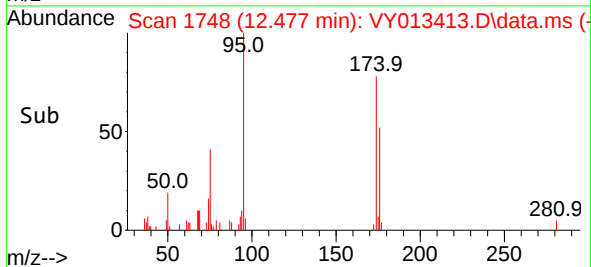
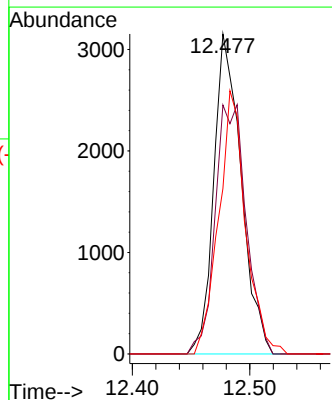
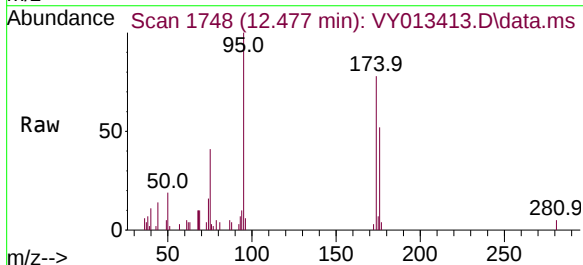
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

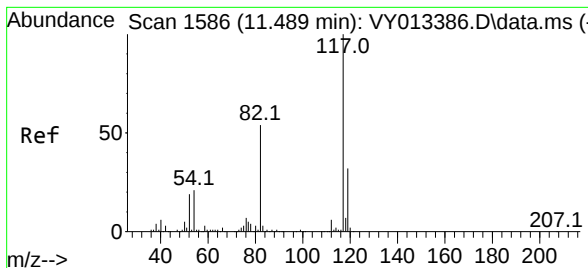
Tgt Ion: 98 Resp: 14933
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.946 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013413.D
Acq: 24 Apr 2023 20:10

Tgt Ion: 95 Resp: 5099
Ion Ratio Lower Upper
95 100
174 88.6 0.0 182.0
176 81.2 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY013413.D

Acq: 24 Apr 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-16-9.0-9.5

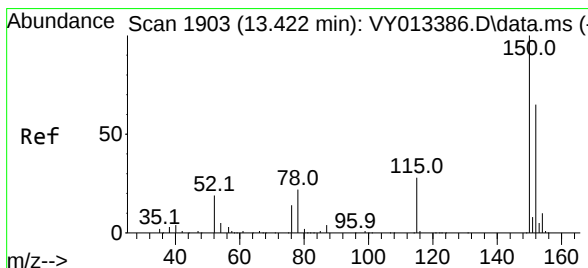
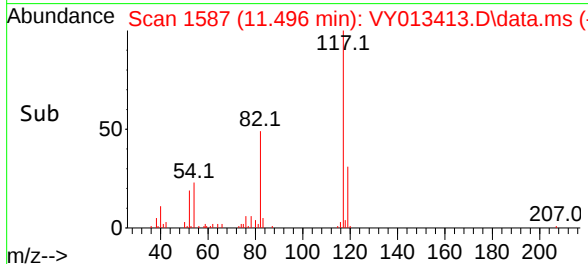
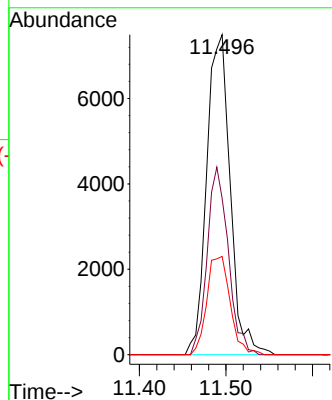
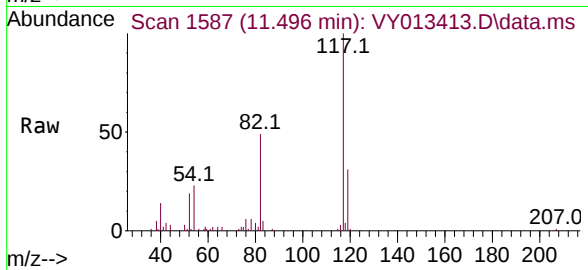
Tgt Ion:117 Resp: 14137

Ion Ratio Lower Upper

117 100

82 48.8 43.0 64.6

119 30.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013413.D

Acq: 24 Apr 2023 20:10

Tgt Ion:152 Resp: 4979

Ion Ratio Lower Upper

152 100

115 60.3 28.1 84.2

150 158.2 0.0 352.0

