

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018468.D
 Acq On : 04 Jun 2024 16:55
 Operator : SY/MD
 Sample : P2689-02
 Misc : 3.67g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-05312024

Quant Time: Jun 05 01:27:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	63287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	131098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	118536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	71738	57.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.440%
35) Dibromofluoromethane	7.704	113	71276	42.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.760%
50) Toluene-d8	10.173	98	282546	42.723	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.440%
62) 4-Bromofluorobenzene	12.477	95	76372	37.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.180%

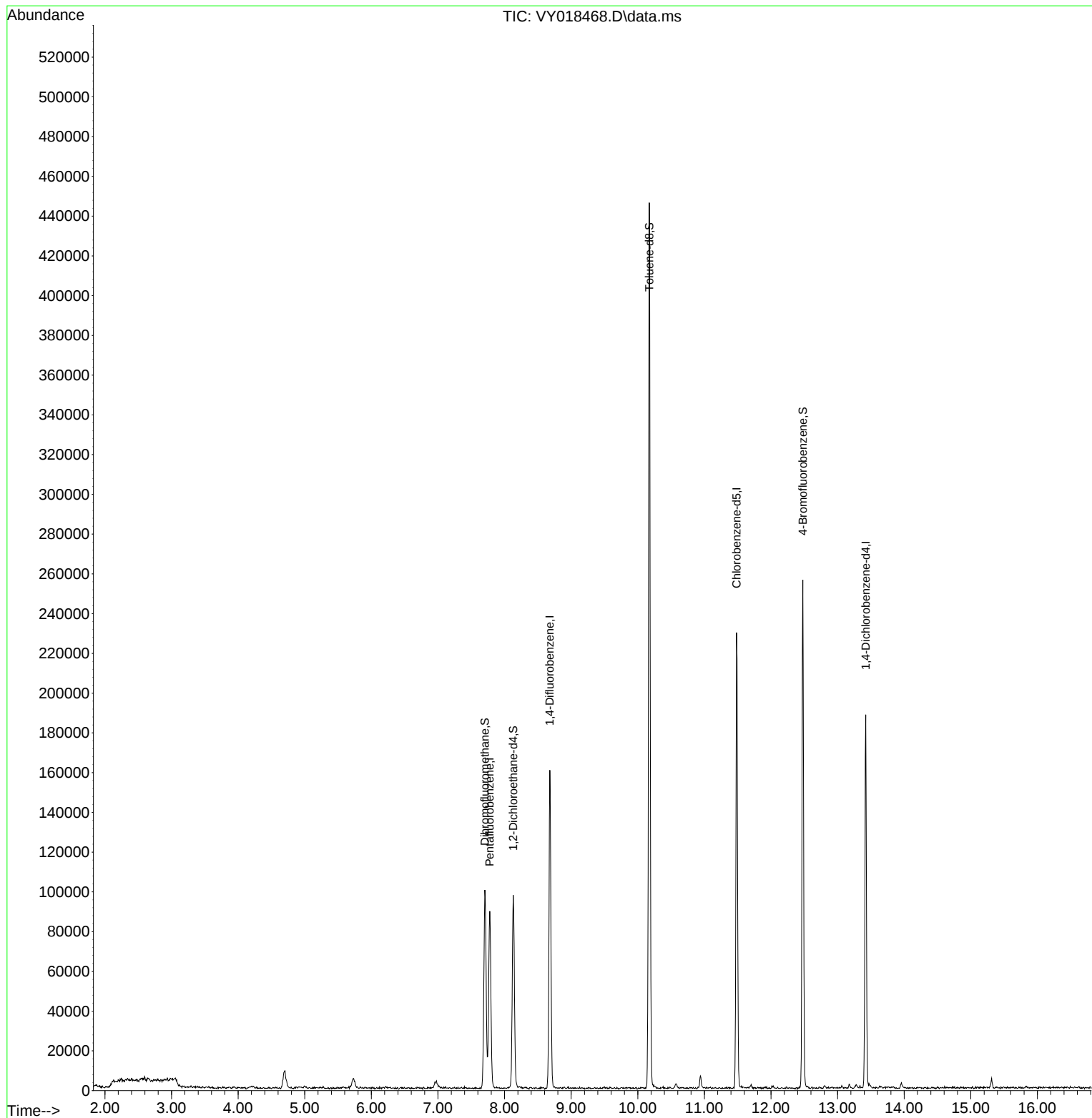
Target Compounds	Qvalue

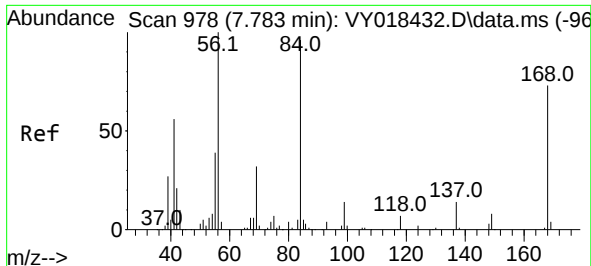
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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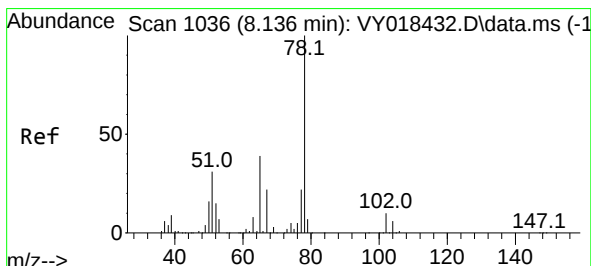
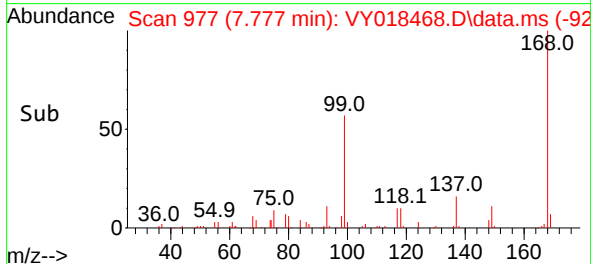
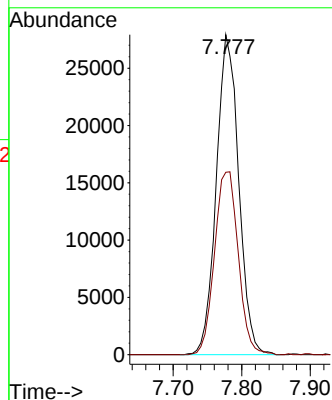
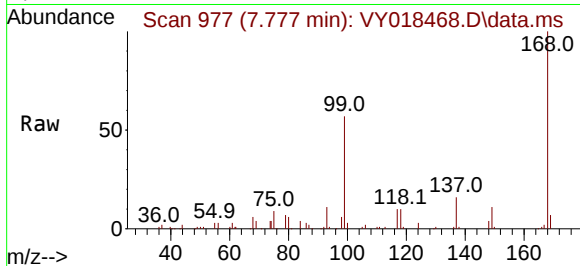




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

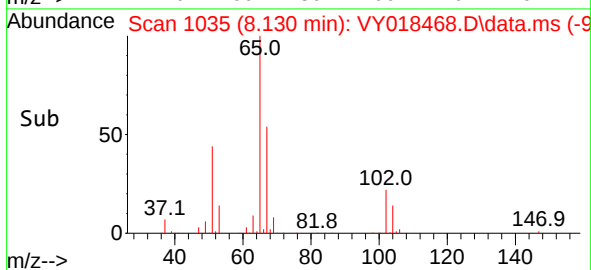
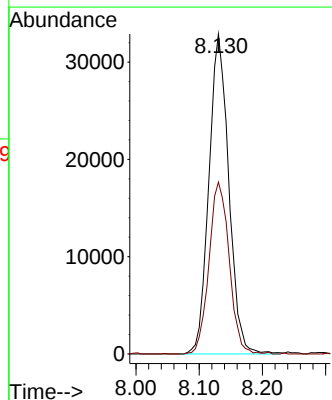
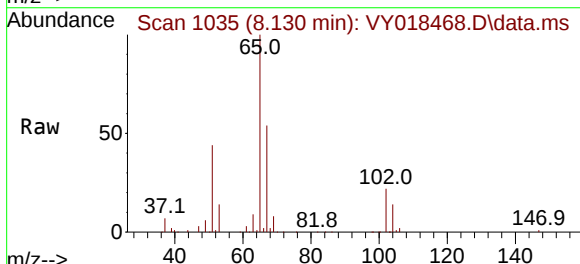
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-05312024

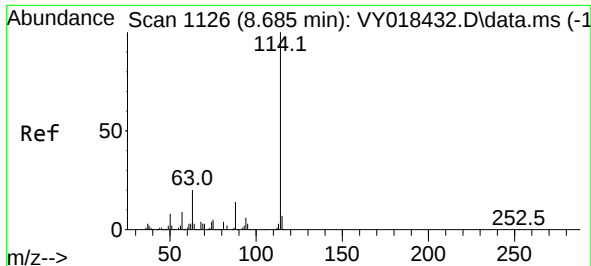
Tgt Ion:168 Resp: 63287
Ion Ratio Lower Upper
168 100
99 57.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.720 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

Tgt Ion: 65 Resp: 71738
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

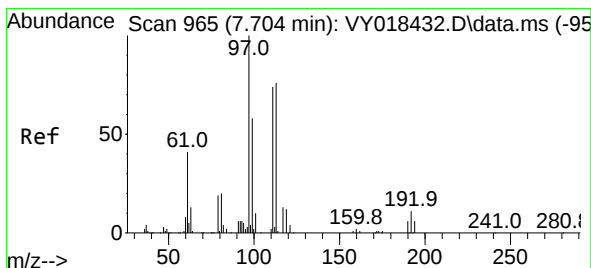
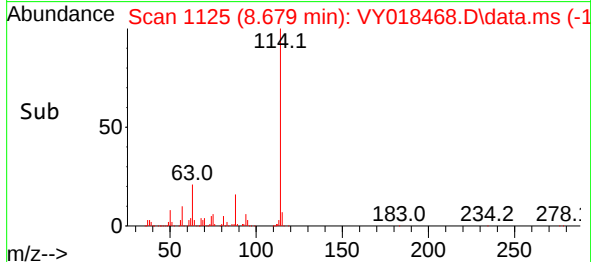
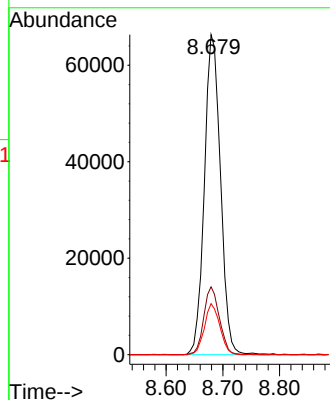
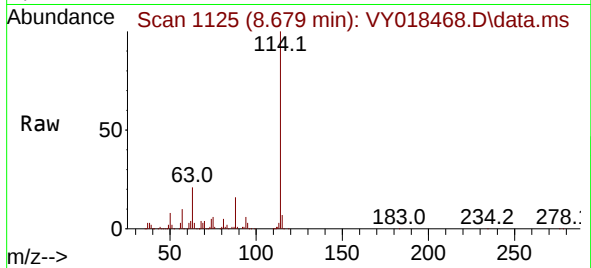




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

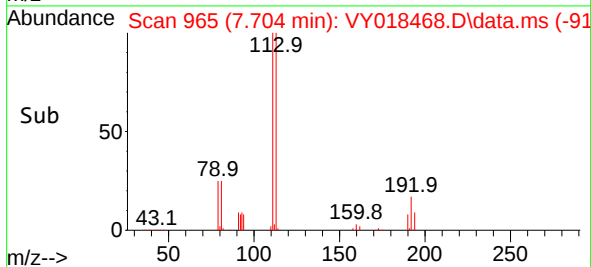
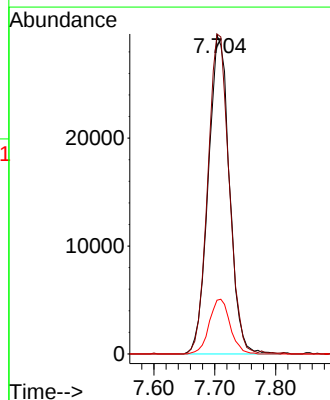
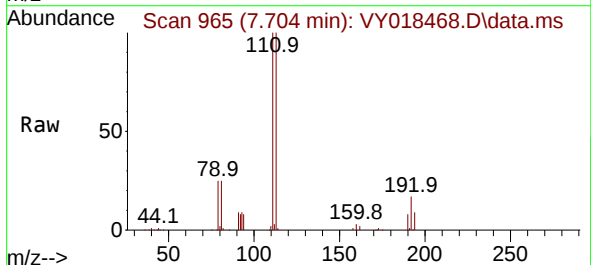
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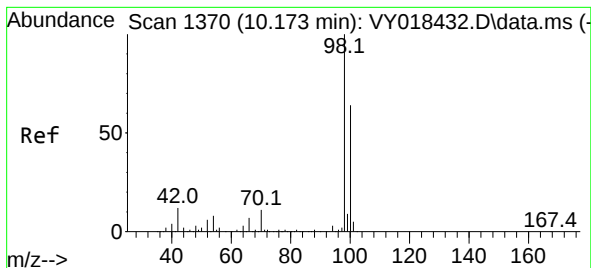
Tgt Ion:	114	Resp:	131098
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	35.0
88	15.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 42.875 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

Tgt Ion:	113	Resp:	71276
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	17.0	15.9	23.9

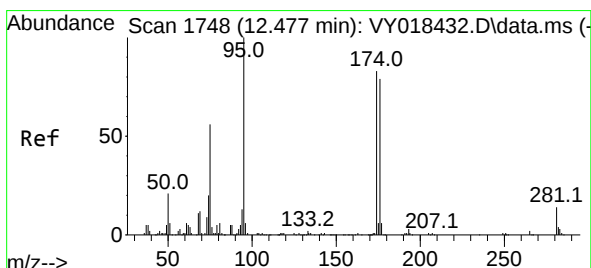
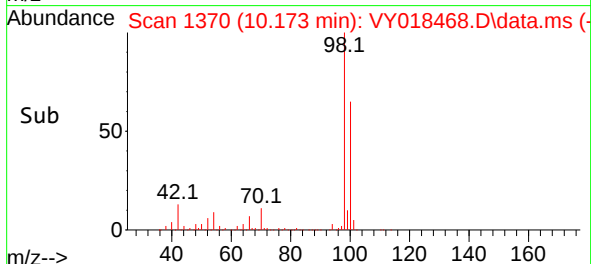
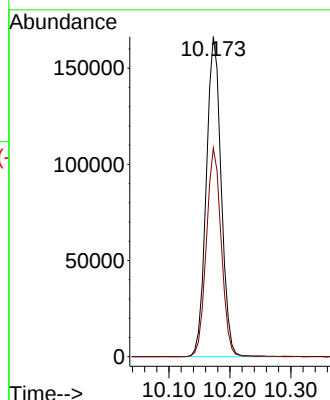
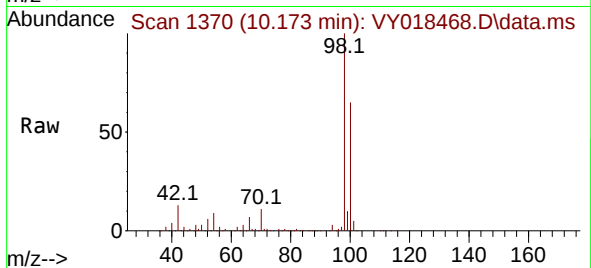




#50
Toluene-d8
Concen: 42.723 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

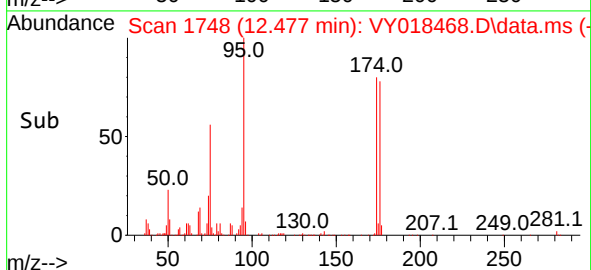
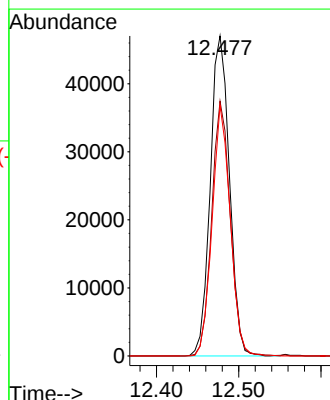
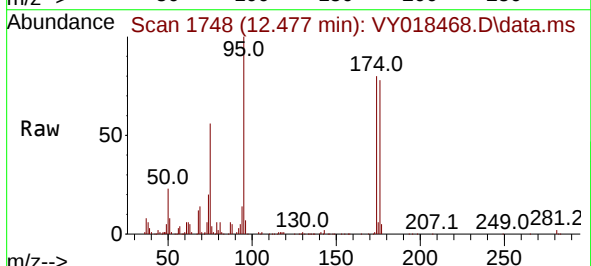
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-05312024

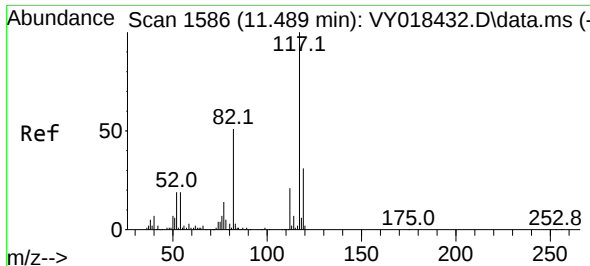
Tgt Ion: 98 Resp: 282546
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.089 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

Tgt Ion: 95 Resp: 76372
Ion Ratio Lower Upper
95 100
174 76.5 0.0 175.6
176 74.0 0.0 171.4

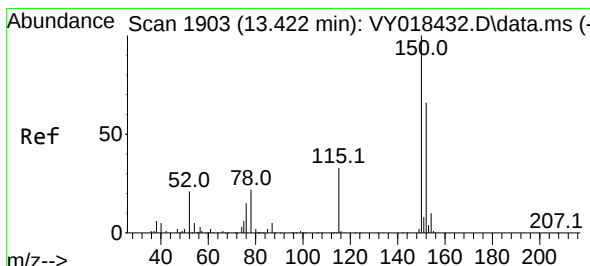
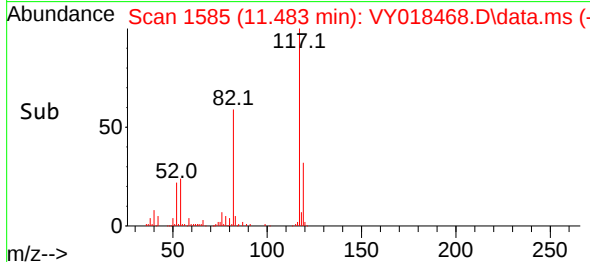
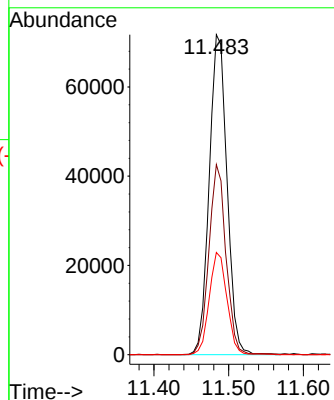
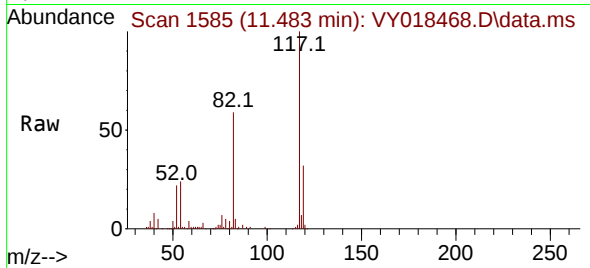




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-05312024

Tgt Ion:117 Resp: 118536
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018468.D
Acq: 04 Jun 2024 16:55

Tgt Ion:152 Resp: 43186
Ion Ratio Lower Upper
152 100
115 59.9 28.2 84.7
150 154.4 0.0 345.6

