

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018525.D
 Acq On : 07 Jun 2024 14:24
 Operator : SY/MD
 Sample : P2707-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-02

Quant Time: Jun 07 23:12:51 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	6495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	11676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5774	45.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.540%
35) Dibromofluoromethane	7.710	113	5077	34.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.580%
50) Toluene-d8	10.173	98	18625	31.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	63.240%
62) 4-Bromofluorobenzene	12.483	95	4553	24.826	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.660%

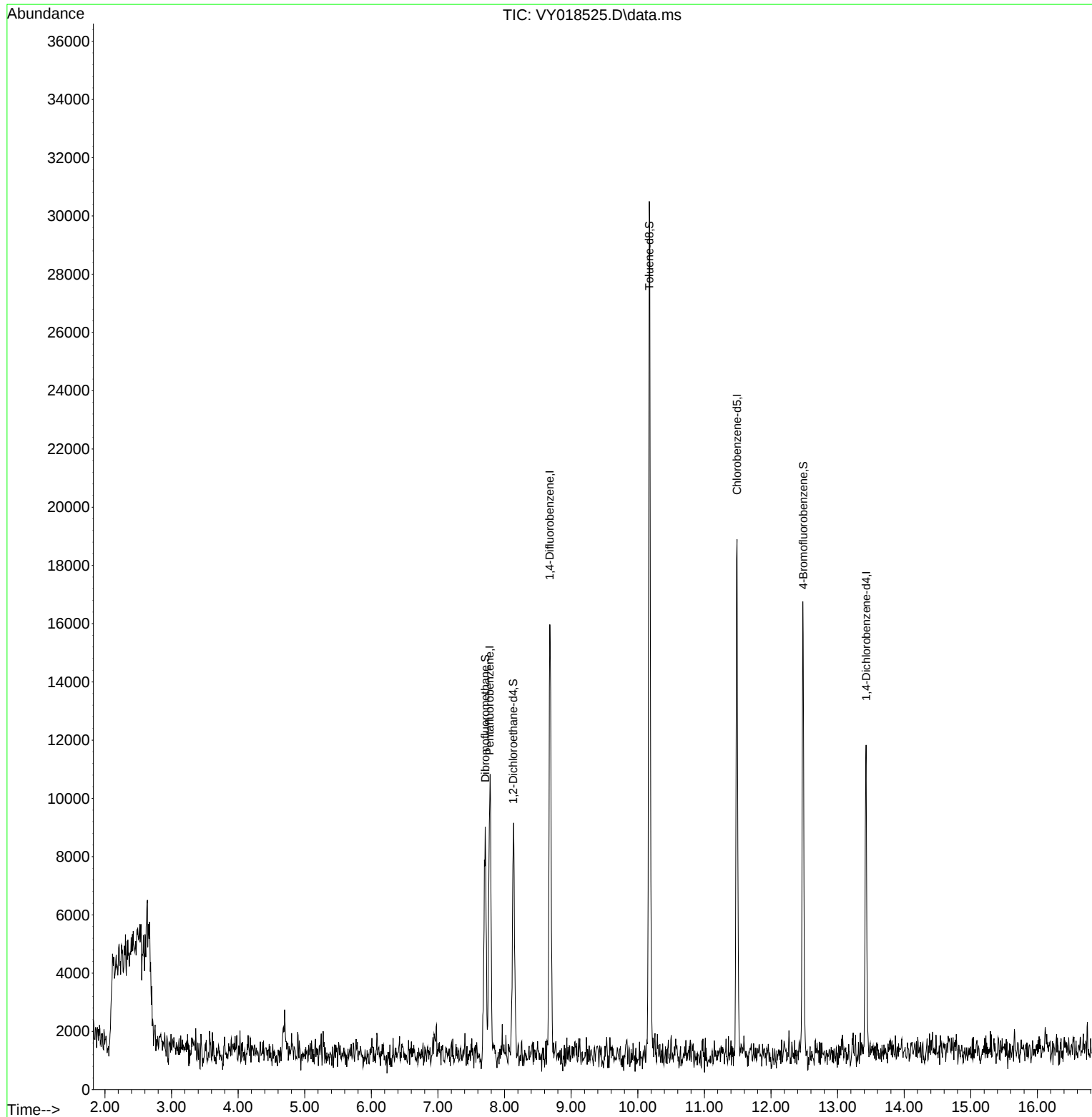
Target Compounds	Qvalue

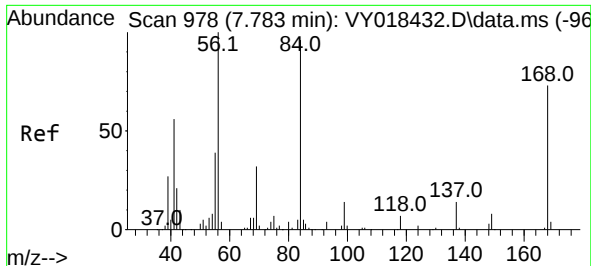
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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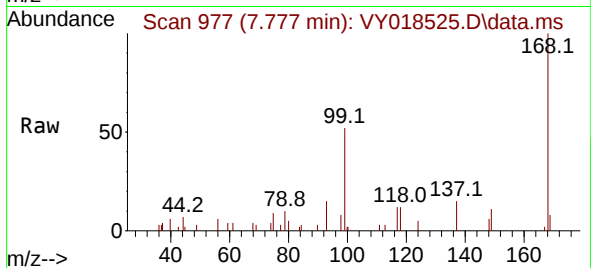
Quant Time: Jun 07 23:12:51 2024
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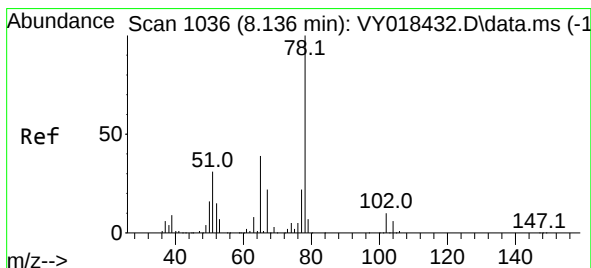
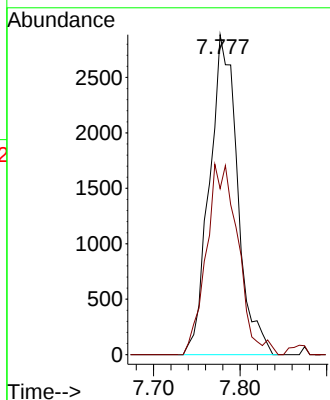
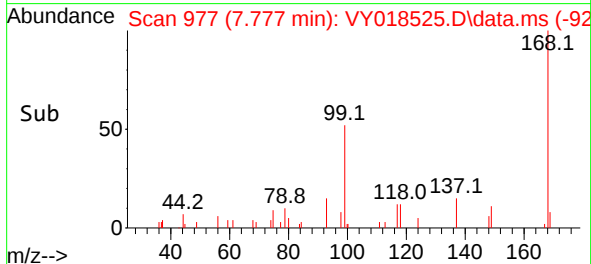


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018525.D
Acq: 07 Jun 2024 14:24

Instrument :
MSVOA_Y
ClientSampleId :
B-02

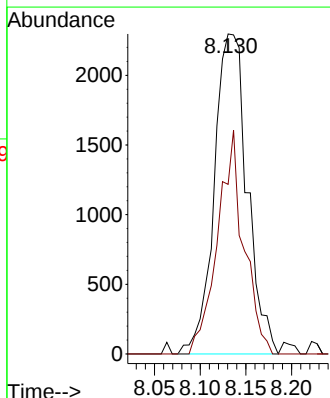
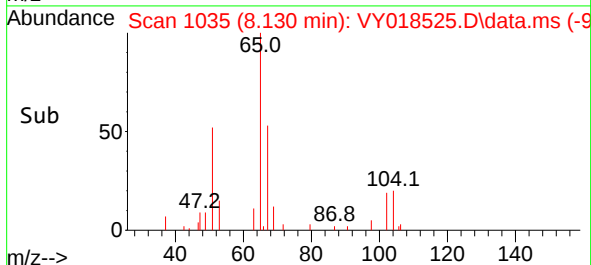
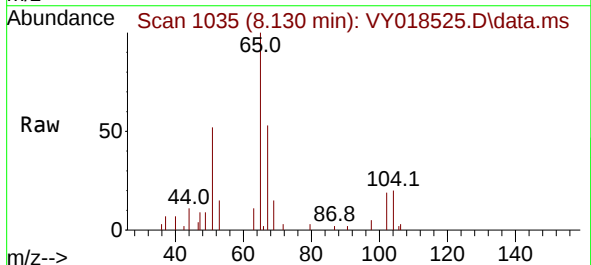


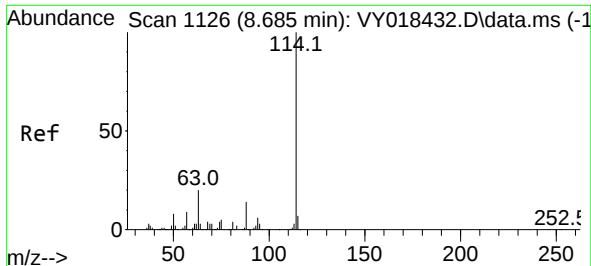
Tgt Ion:168 Resp: 6495
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 45.268 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018525.D
Acq: 07 Jun 2024 14:24

Tgt Ion: 65 Resp: 5774
Ion Ratio Lower Upper
65 100
67 55.5 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: VY018525.D

Acq: 07 Jun 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

B-02

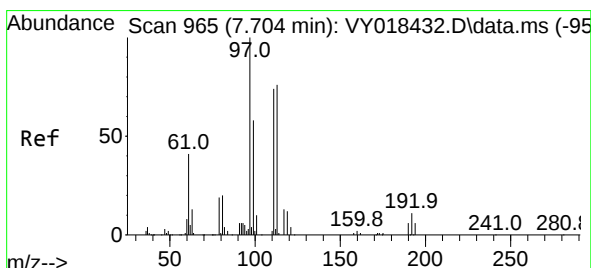
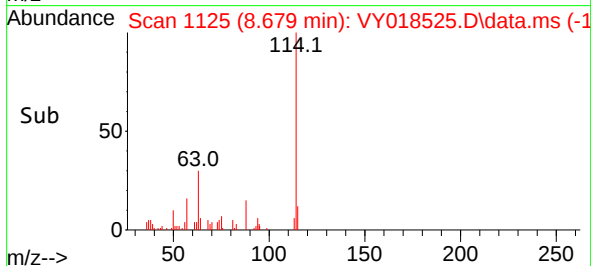
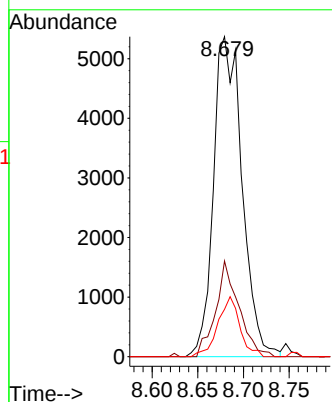
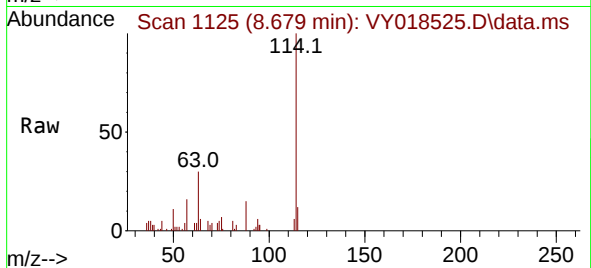
Tgt Ion:114 Resp: 11676

Ion Ratio Lower Upper

114 100

63 29.9 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 34.290 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018525.D

Acq: 07 Jun 2024 14:24

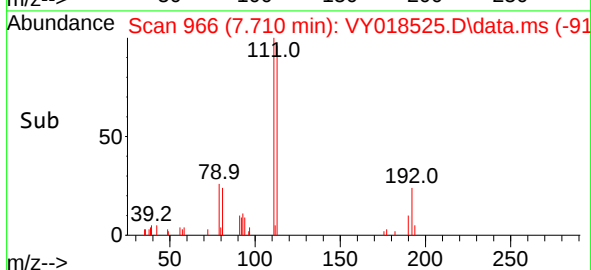
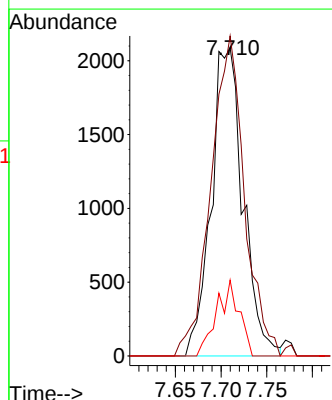
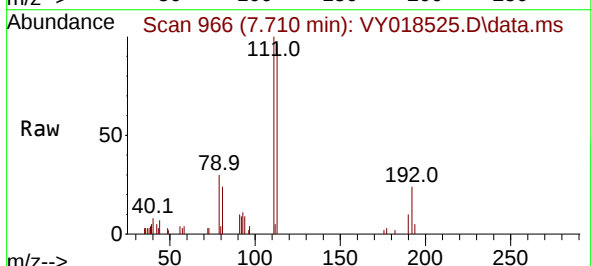
Tgt Ion:113 Resp: 5077

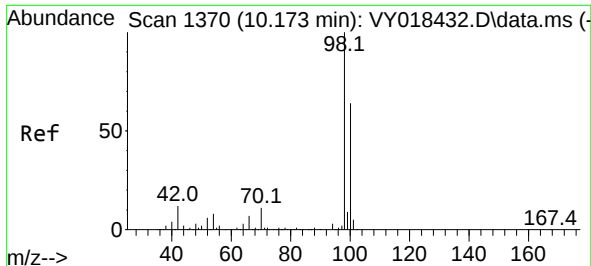
Ion Ratio Lower Upper

113 100

111 109.9 82.2 123.4

192 17.3 15.9 23.9

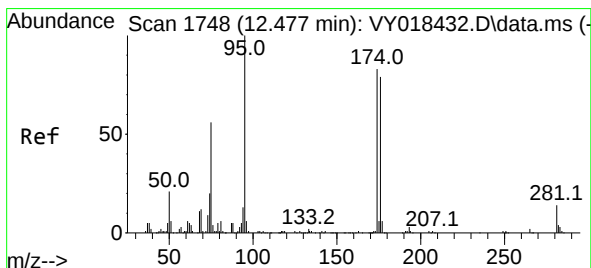
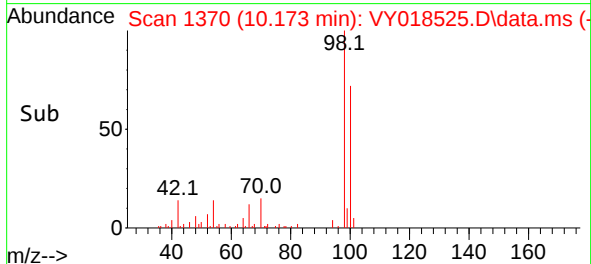
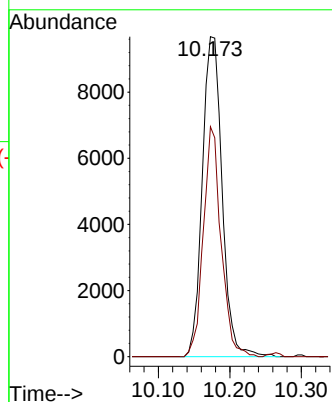
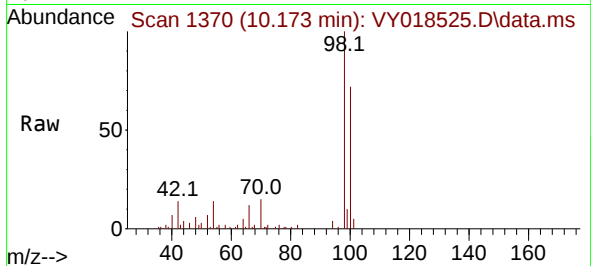




#50
Toluene-d8
Concen: 31.620 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018525.D
Acq: 07 Jun 2024 14:24

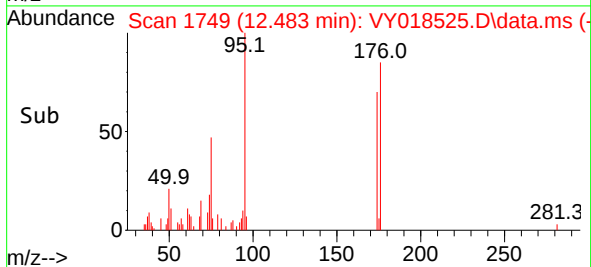
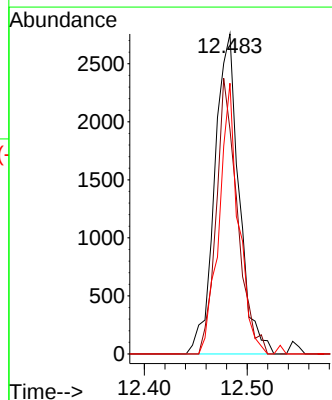
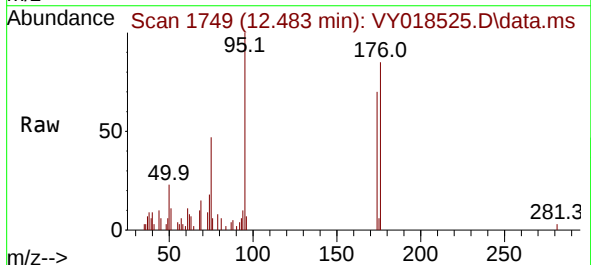
Instrument :
MSVOA_Y
ClientSampleId :
B-02

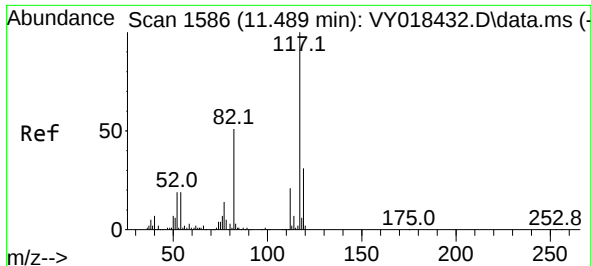
Tgt Ion: 98 Resp: 18625
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 24.826 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018525.D
Acq: 07 Jun 2024 14:24

Tgt Ion: 95 Resp: 4553
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 67.3 0.0 171.4

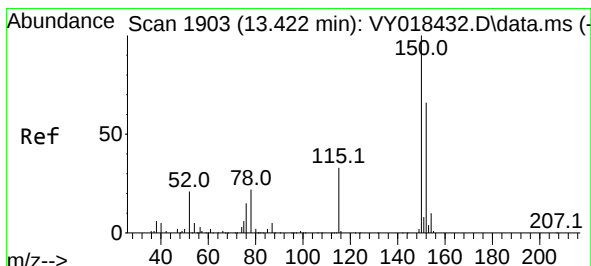
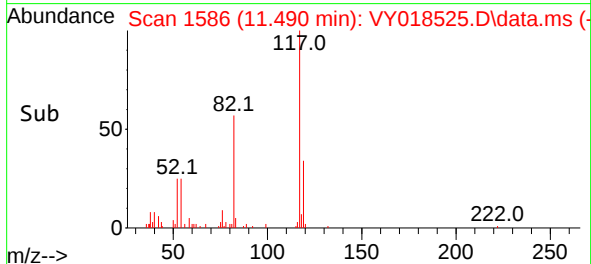
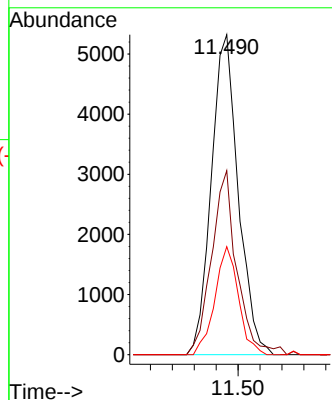
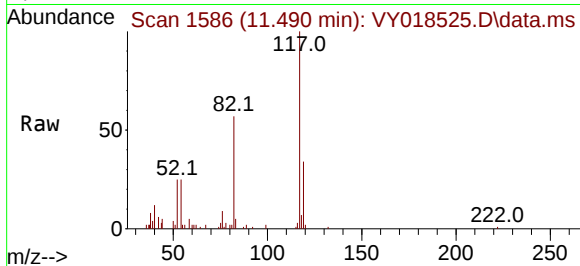




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018525.D
Acq: 07 Jun 2024 14:24

Instrument :
MSVOA_Y
ClientSampleId :
B-02

Tgt Ion:	117	Resp:	9076
Ion	Ratio	Lower	Upper
117	100		
82	57.5	42.4	63.6
119	33.7	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018525.D
Acq: 07 Jun 2024 14:24

Tgt Ion:	152	Resp:	2184
Ion	Ratio	Lower	Upper
152	100		
115	71.2	28.2	84.7
150	171.1	0.0	345.6

