

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018401.D
 Acq On : 29 May 2024 15:52
 Operator : SY/MD
 Sample : P2612-10
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11933

Quant Time: May 30 04:06:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	5845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	10510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2691	48.595	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.716	113	3023	49.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.640%
50) Toluene-d8	10.179	98	10471	43.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.640%
62) 4-Bromofluorobenzene	12.489	95	1769	23.959	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	47.920%

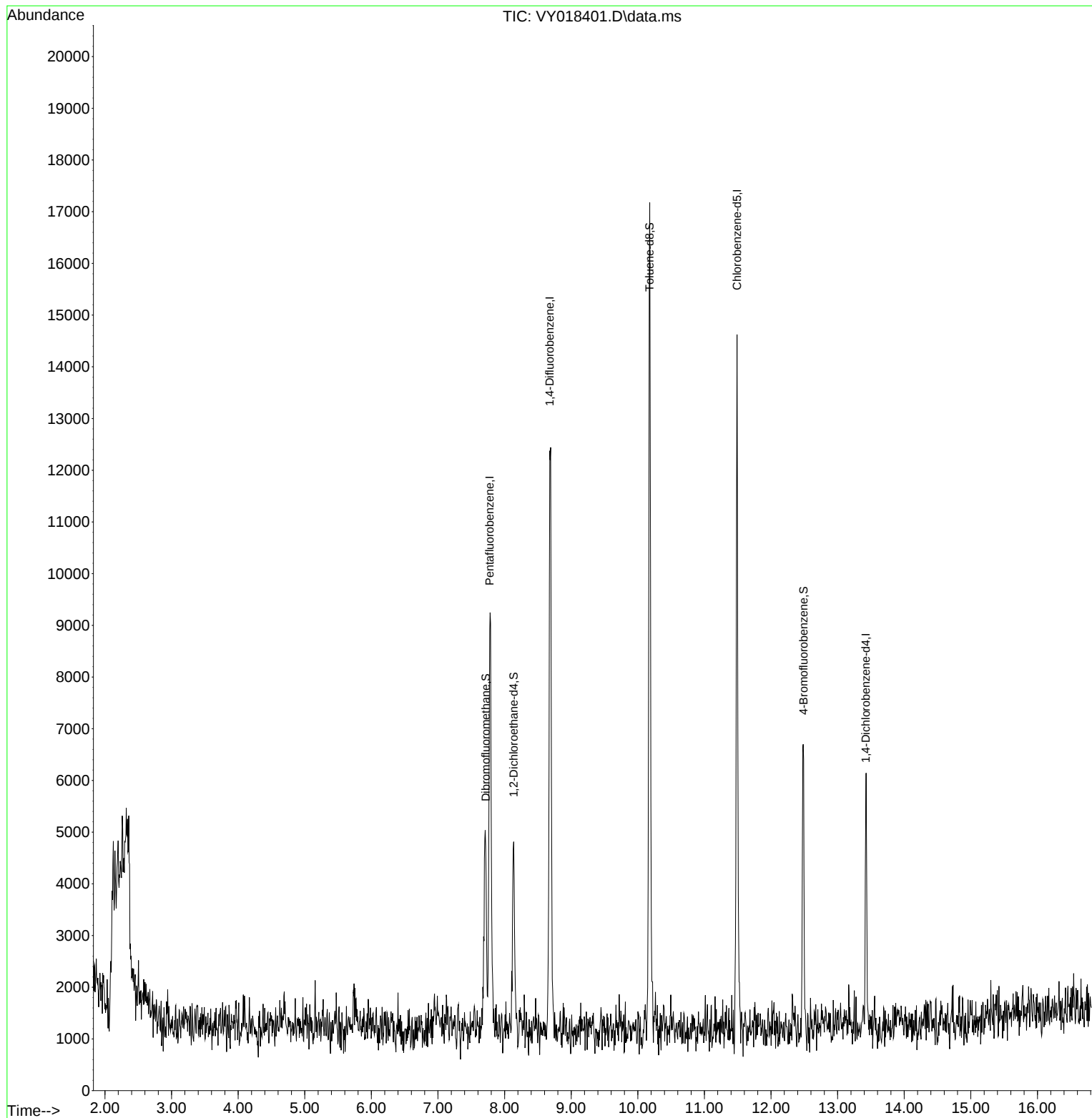
Target Compounds	Qvalue

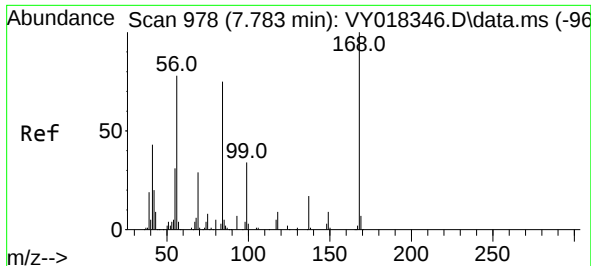
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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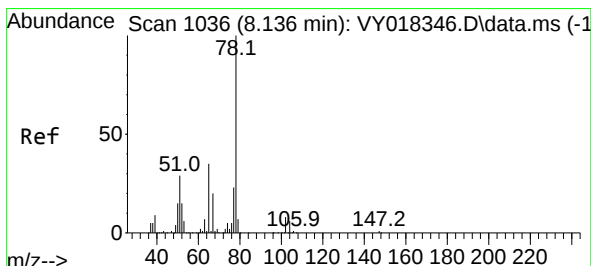
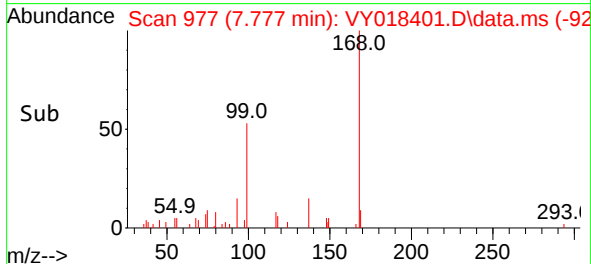
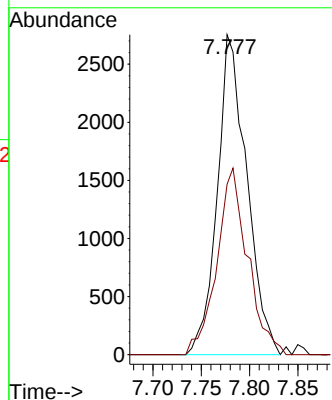
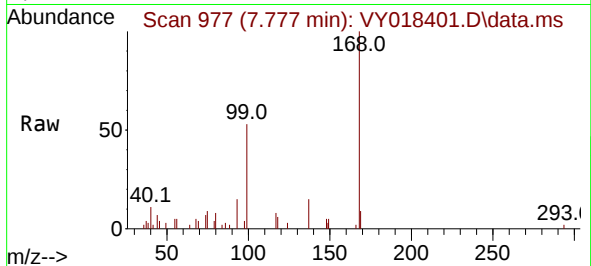




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018401.D
Acq: 29 May 2024 15:52

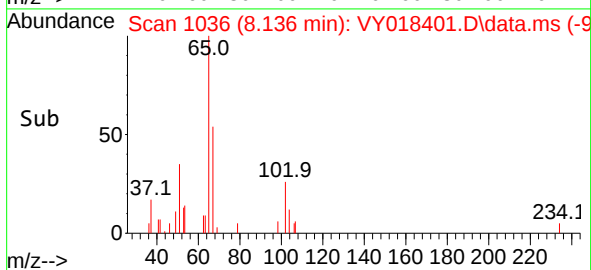
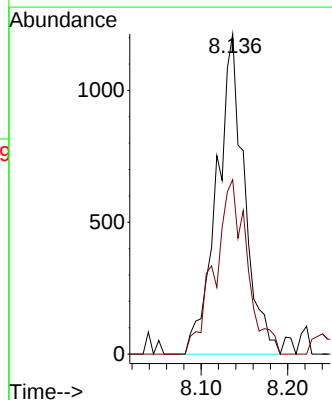
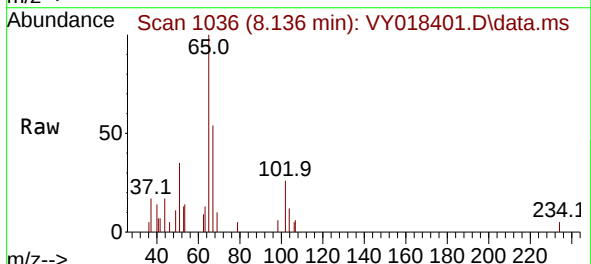
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

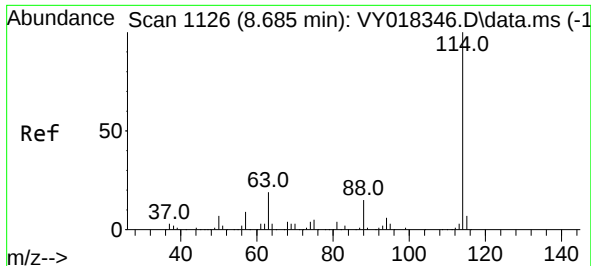
Tgt Ion:168 Resp: 5845
Ion Ratio Lower Upper
168 100
99 53.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.595 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018401.D
Acq: 29 May 2024 15:52

Tgt Ion: 65 Resp: 2691
Ion Ratio Lower Upper
65 100
67 63.9 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: VY018401.D

Acq: 29 May 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

72-11933

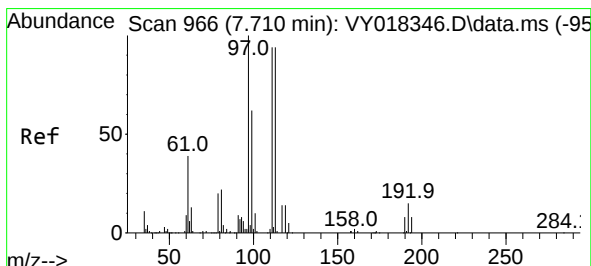
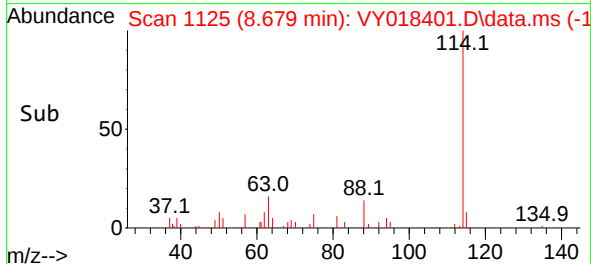
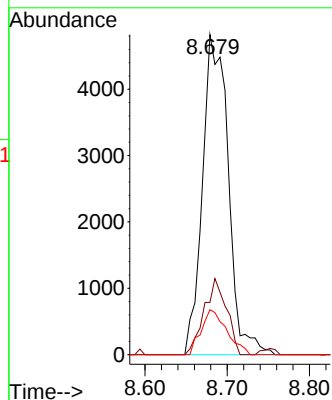
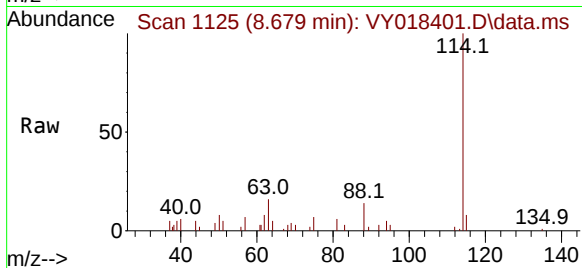
Tgt Ion:114 Resp: 10510

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.324 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY018401.D

Acq: 29 May 2024 15:52

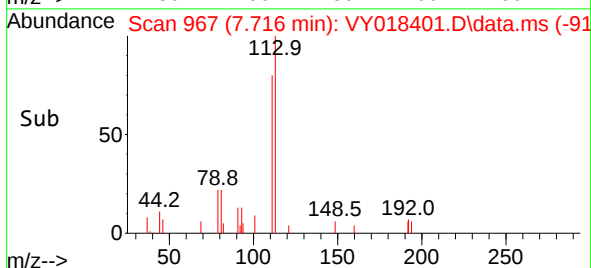
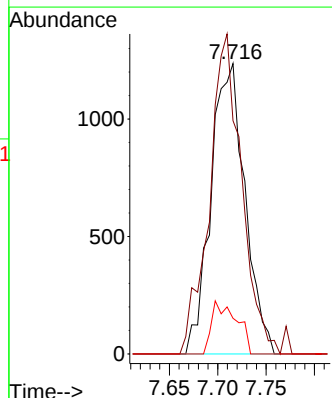
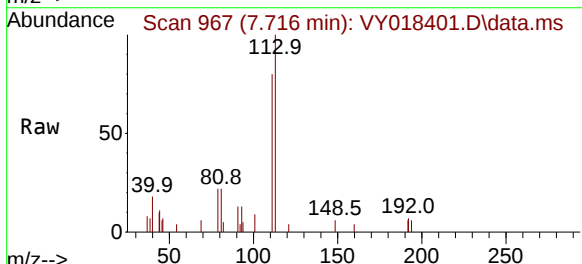
Tgt Ion:113 Resp: 3023

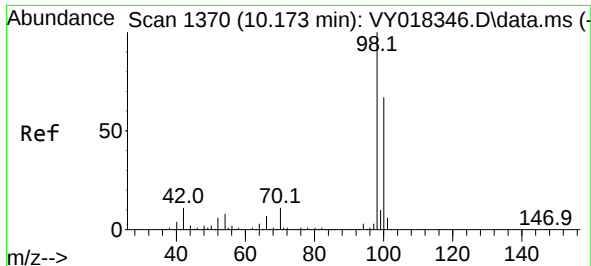
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 13.4 15.9 23.9#

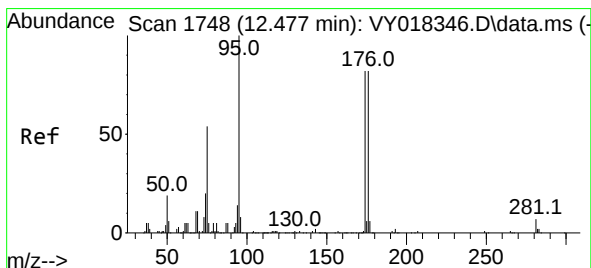
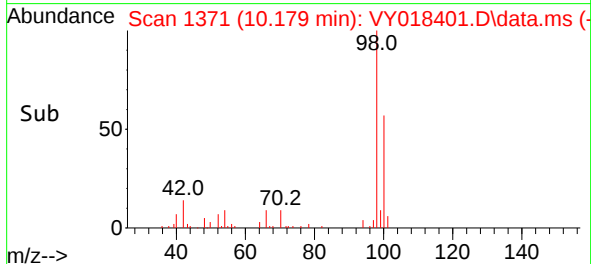
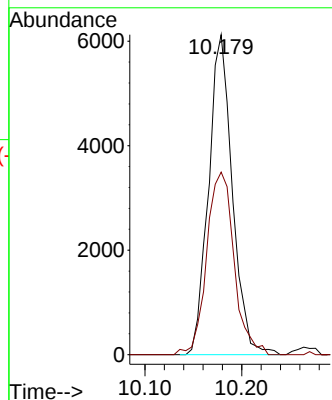
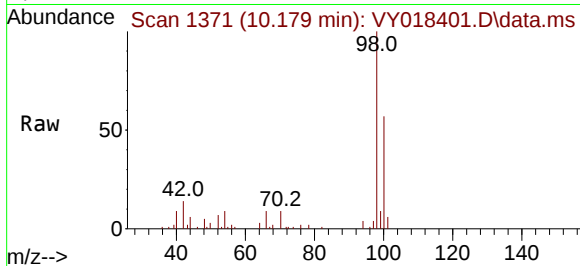




#50
Toluene-d8
Concen: 43.820 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018401.D
Acq: 29 May 2024 15:52

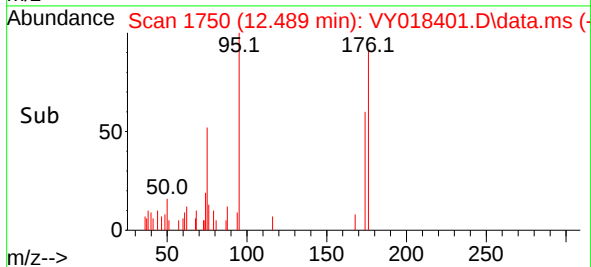
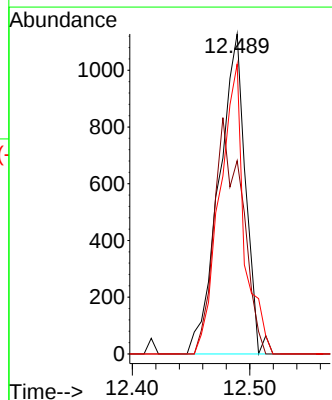
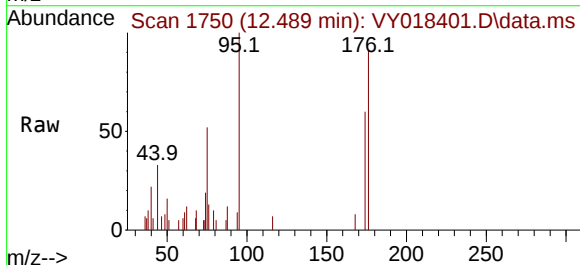
Instrument :
MSVOA_Y
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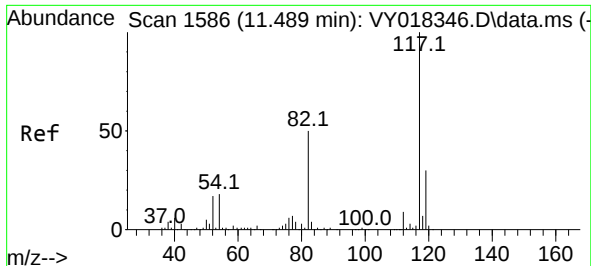
Tgt Ion: 98 Resp: 10471
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 23.959 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY018401.D
Acq: 29 May 2024 15:52

Tgt Ion: 95 Resp: 1769
Ion Ratio Lower Upper
95 100
174 77.8 0.0 175.6
176 83.9 0.0 171.4

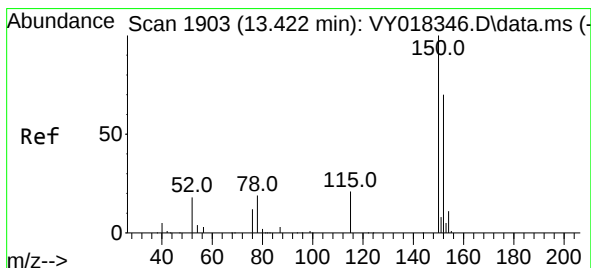
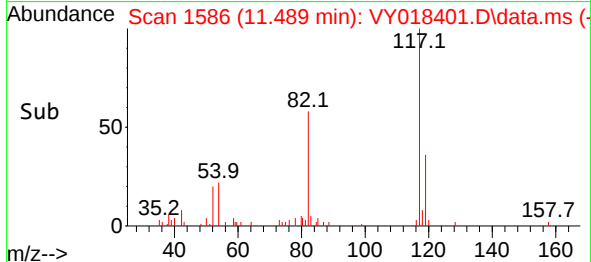
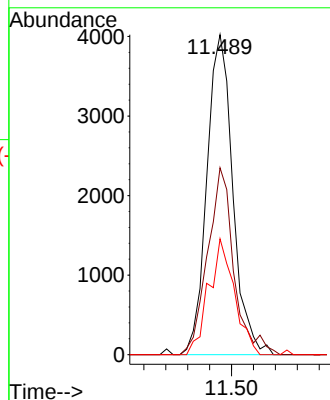
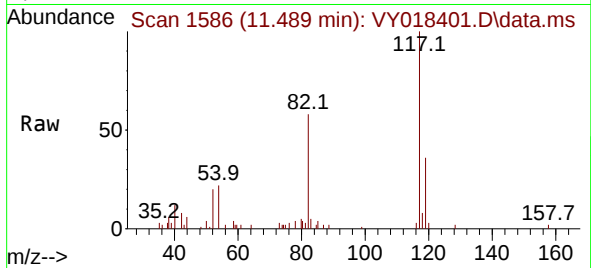




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018401.D
Acq: 29 May 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :
72-11933

Tgt Ion:117 Resp: 6614
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 36.2 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: VY018401.D
Acq: 29 May 2024 15:52

Tgt Ion:152 Resp: 1043
Ion Ratio Lower Upper
152 100
115 73.2 28.2 84.7
150 159.4 0.0 345.6

