

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018222.D
 Acq On : 09 May 2024 20:05
 Operator : SY/MD
 Sample : P2437-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 359

Quant Time: May 10 01:23:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2776	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	1409	77.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.340%	
35) Dibromofluoromethane	7.710	113	1195	50.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.940%	
50) Toluene-d8	10.185	98	4536	49.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.200%	
62) 4-Bromofluorobenzene	12.496	95	599	20.077	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 40.160%	

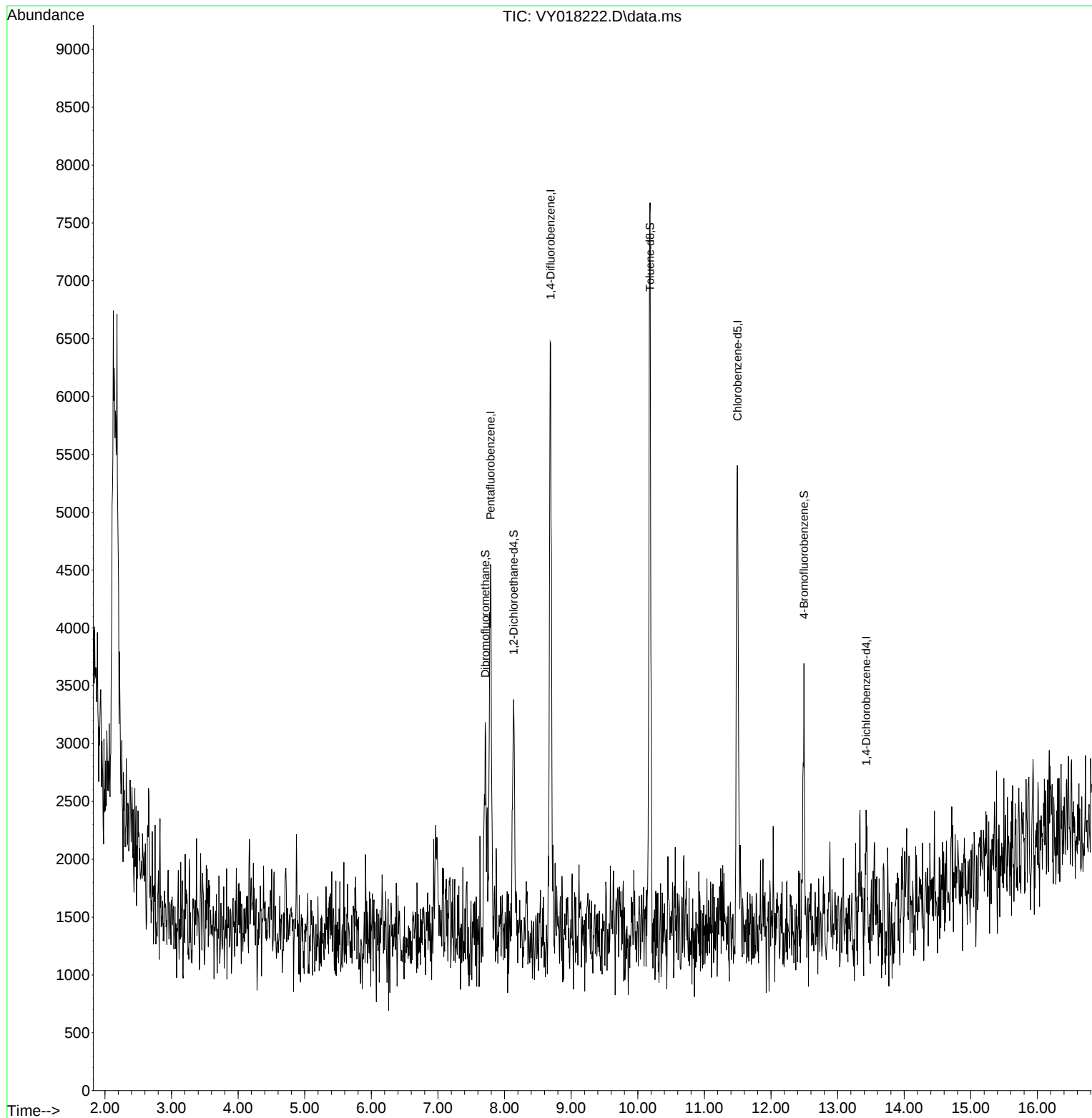
Target Compounds	Qvalue

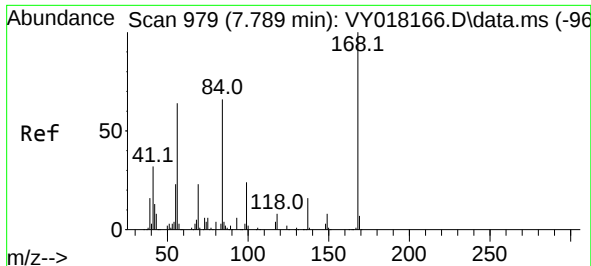
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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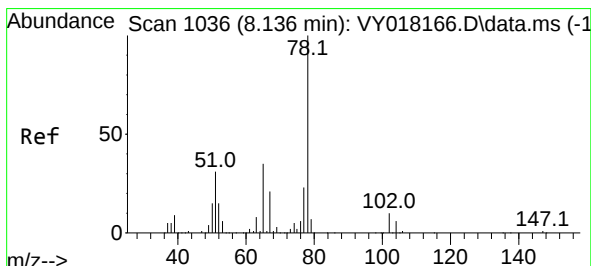
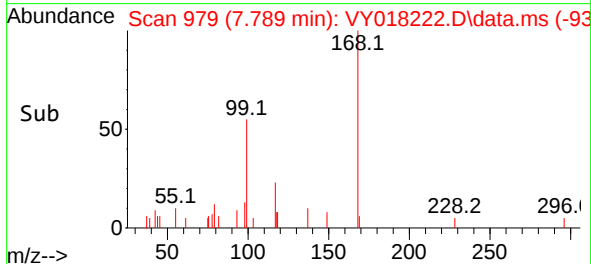
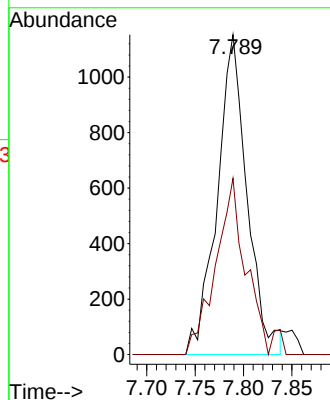
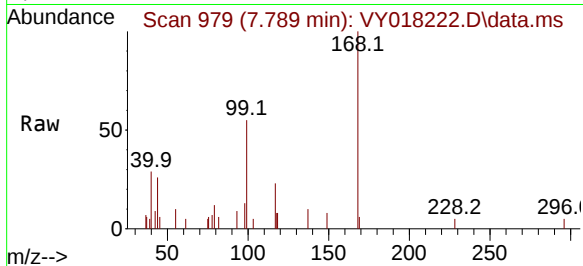




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

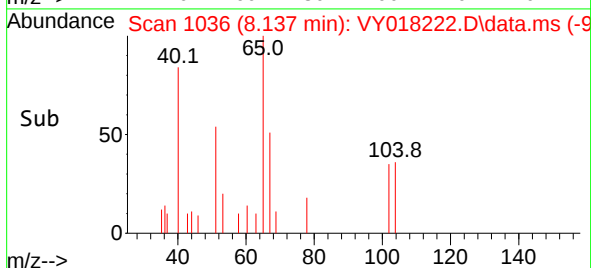
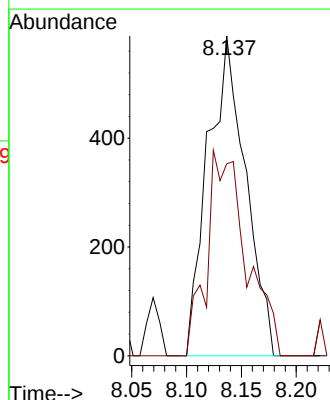
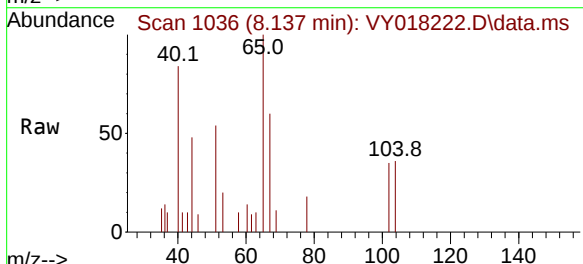
Instrument :
MSVOA_Y
ClientSampleId :
359

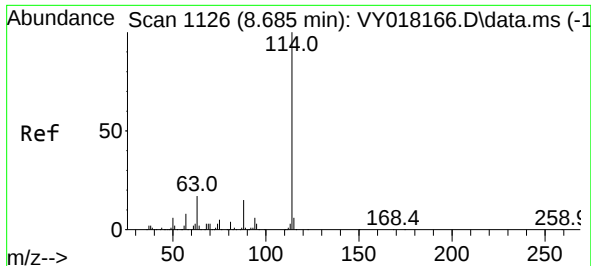
Tgt Ion:168 Resp: 2482
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 77.166 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 65 Resp: 1409
Ion Ratio Lower Upper
65 100
67 66.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

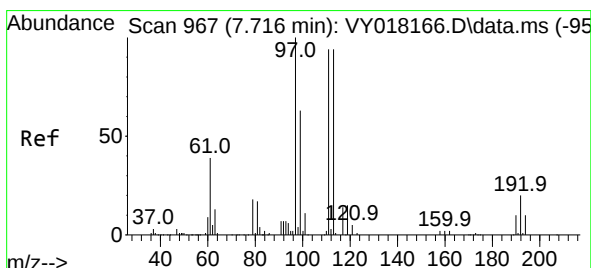
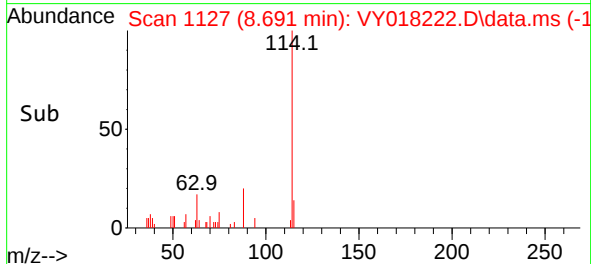
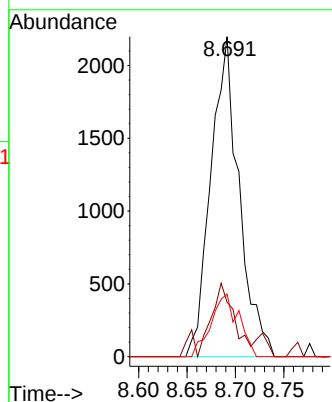
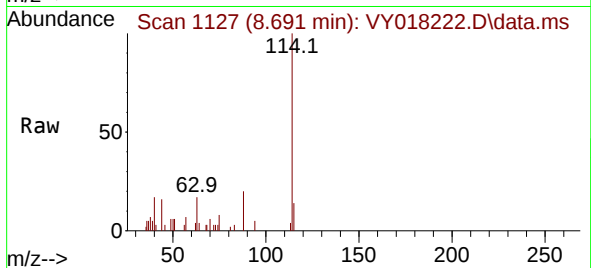
Instrument :

MSVOA_Y

ClientSampleId :

359

Tgt Ion:114	Resp:	4461
Ion	Ratio	Lower Upper
114	100	
63	17.0	0.0 35.0
88	19.6	0.0 27.2



#35

Dibromofluoromethane

Concen: 50.971 ug/l

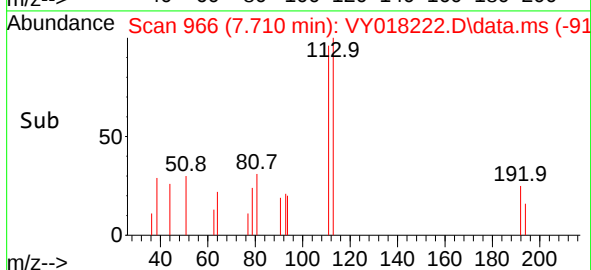
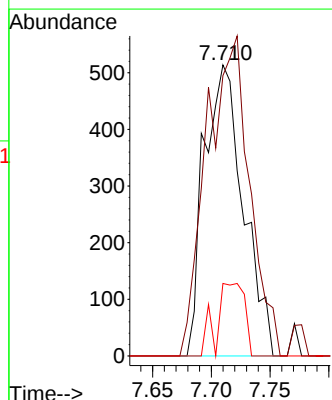
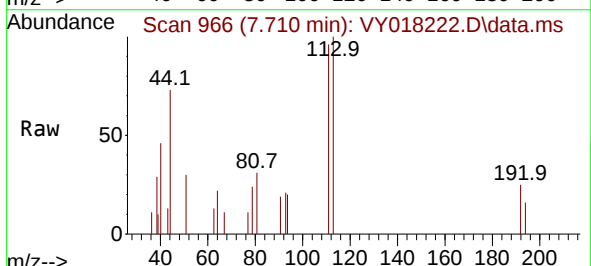
RT: 7.710 min Scan# 966

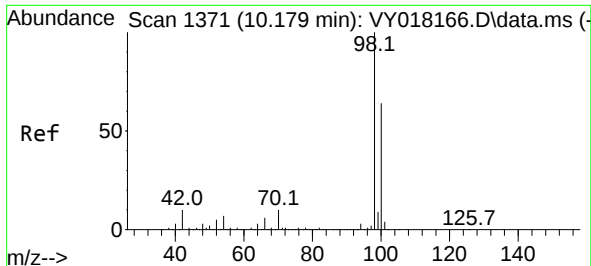
Delta R.T. -0.006 min

Lab File: VY018222.D

Acq: 09 May 2024 20:05

Tgt Ion:113	Resp:	1195
Ion	Ratio	Lower Upper
113	100	
111	120.7	82.2 123.4
192	17.8	15.9 23.9

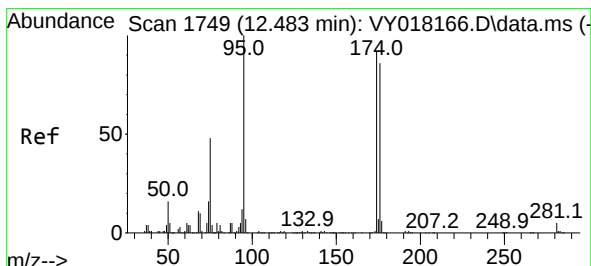
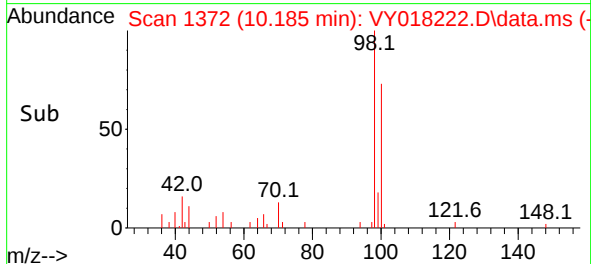
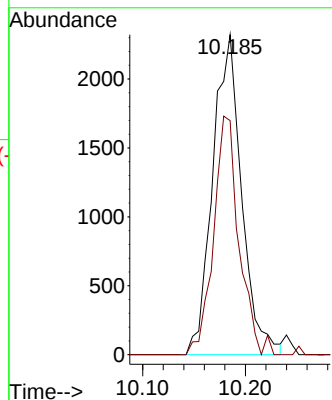
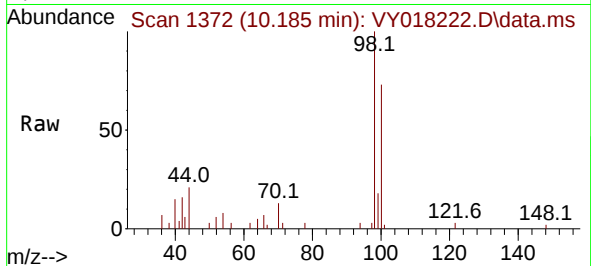




#50
Toluene-d8
Concen: 49.098 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

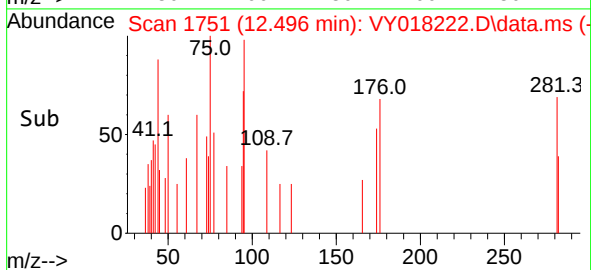
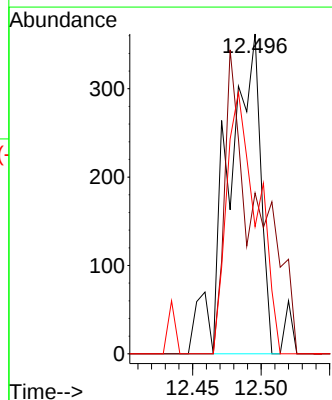
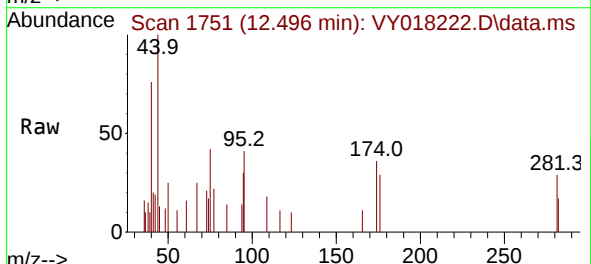
Instrument :
MSVOA_Y
ClientSampleId :
359

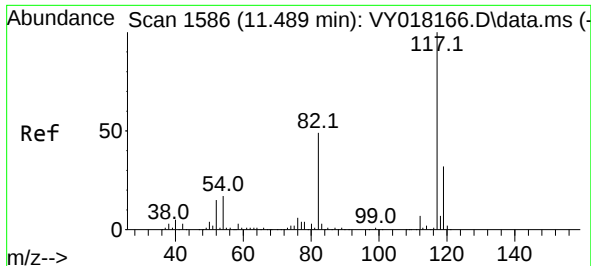
Tgt Ion: 98 Resp: 4536
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 20.077 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion: 95 Resp: 599
Ion Ratio Lower Upper
95 100
174 92.7 0.0 175.6
176 77.5 0.0 171.4

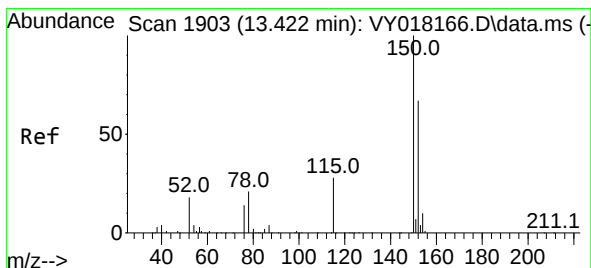
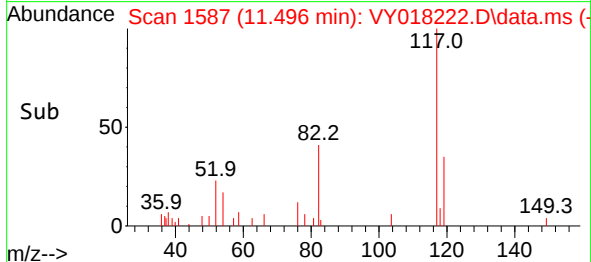
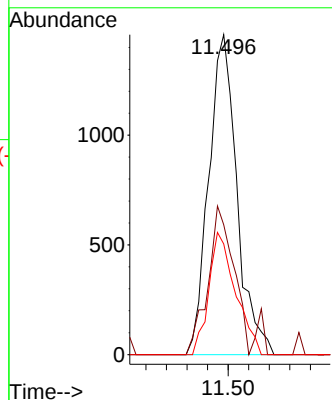
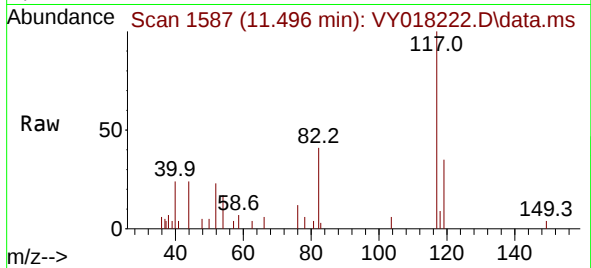




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018222.D
Acq: 09 May 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :
359

Tgt Ion:117 Resp: 2776
Ion Ratio Lower Upper
117 100
82 40.6 42.4 63.6#
119 34.6 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: VY018222.D
Acq: 09 May 2024 20:05

Tgt Ion:152 Resp: 306
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 148.7 0.0 345.6

