

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018529.D
 Acq On : 07 Jun 2024 16:04
 Operator : SY/MD
 Sample : P2707-05RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-03RE

Quant Time: Jun 07 23:15:08 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	7.789	168	2744	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	4888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	3896	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	818	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2913	54.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.120%	
35) Dibromofluoromethane	7.697	113	2460	39.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.380%	
50) Toluene-d8	10.173	98	7655	31.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 62.080%	
62) 4-Bromofluorobenzene	12.477	95	1489	19.394	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 38.780%	

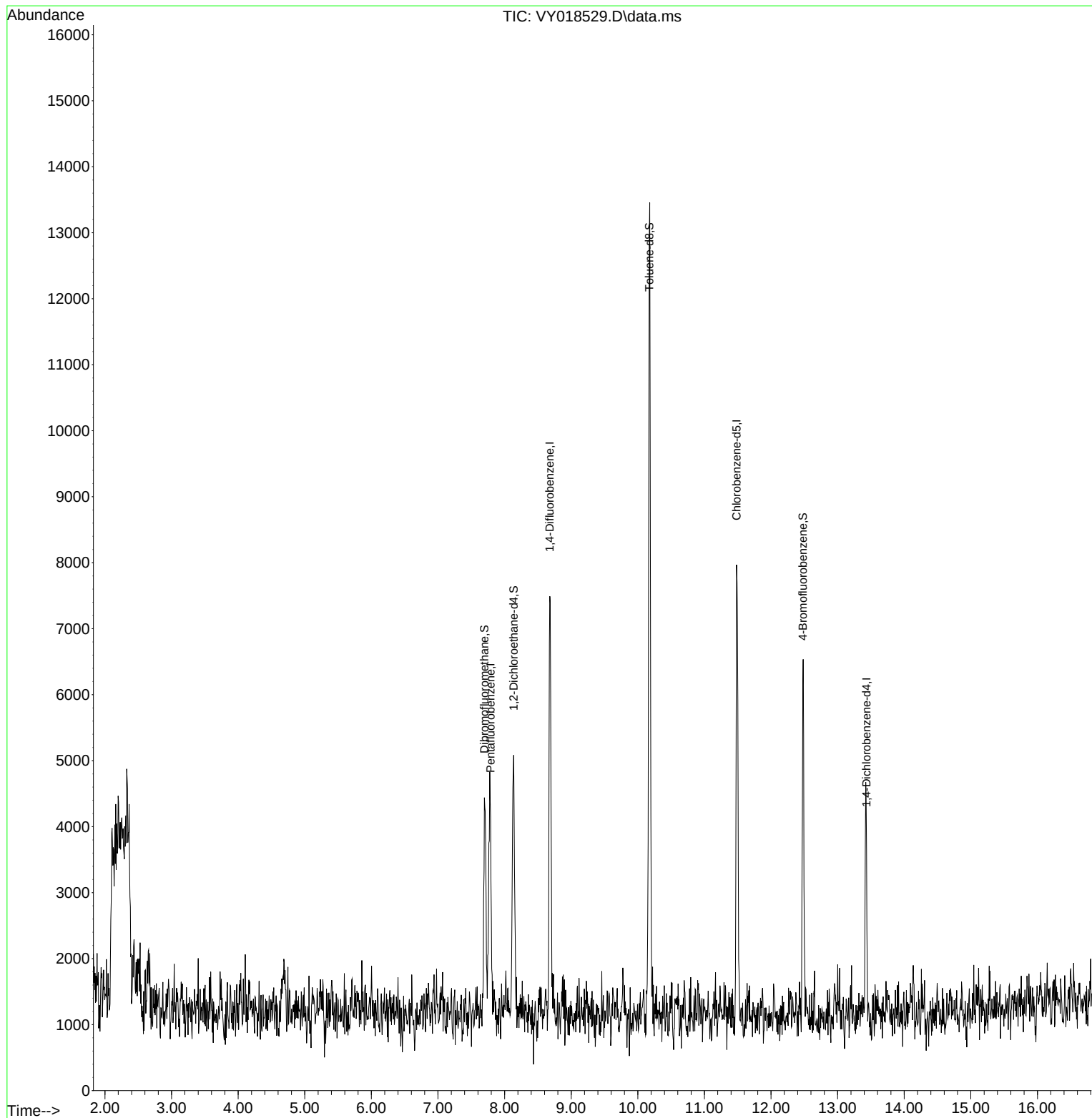
Target Compounds	Qvalue

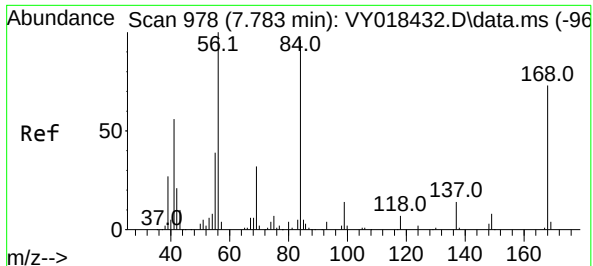
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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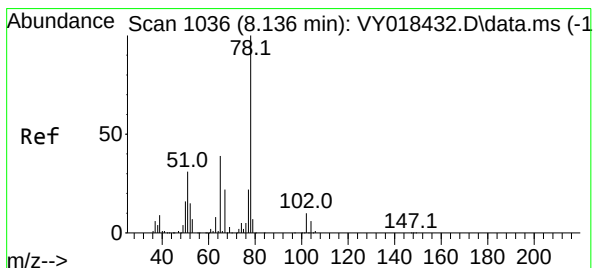
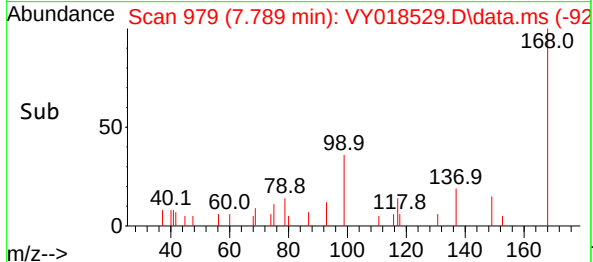
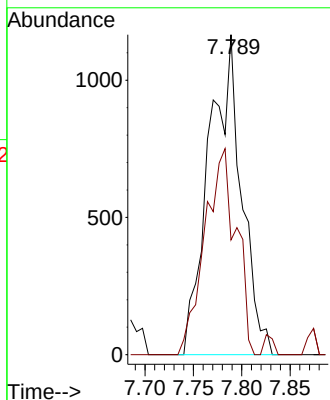
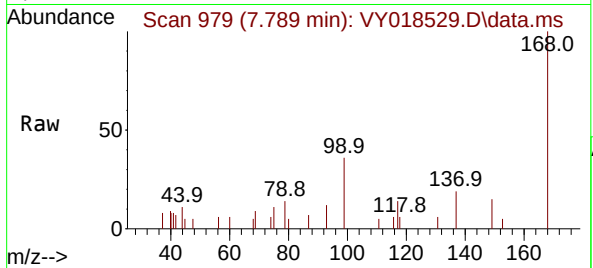




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018529.D
Acq: 07 Jun 2024 16:04

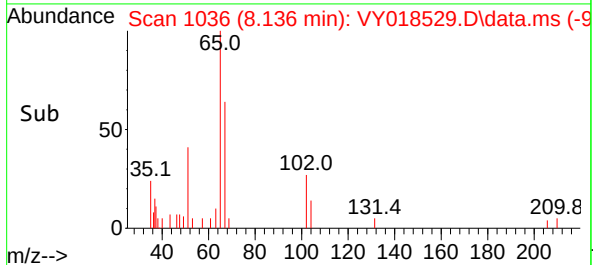
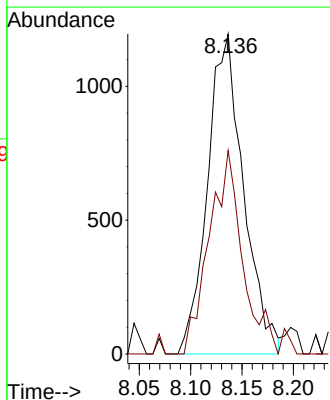
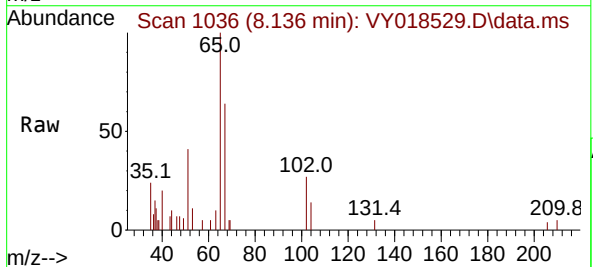
Instrument :
MSVOA_Y
ClientSampleId :
SW-03RE

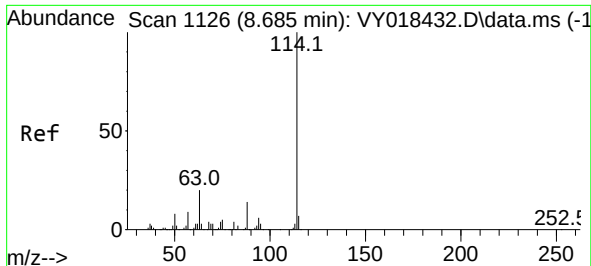
Tgt Ion:168 Resp: 2744
Ion Ratio Lower Upper
168 100
99 35.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.057 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018529.D
Acq: 07 Jun 2024 16:04

Tgt Ion: 65 Resp: 2913
Ion Ratio Lower Upper
65 100
67 58.7 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: VY018529.D

Acq: 07 Jun 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

SW-03RE

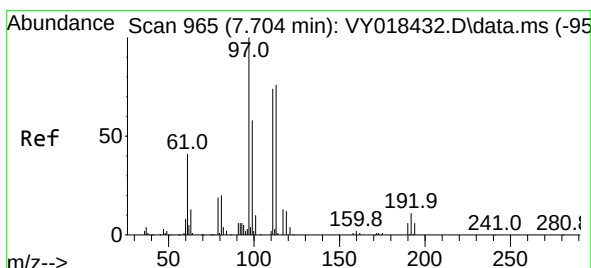
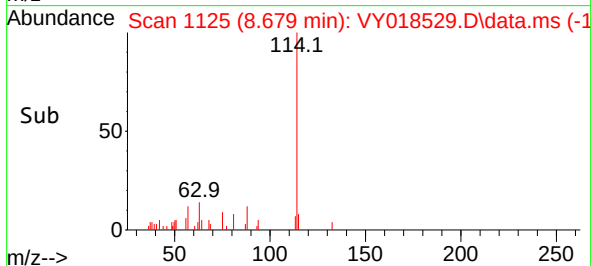
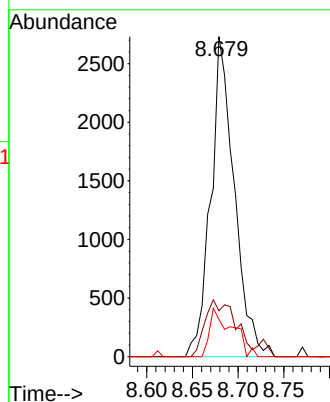
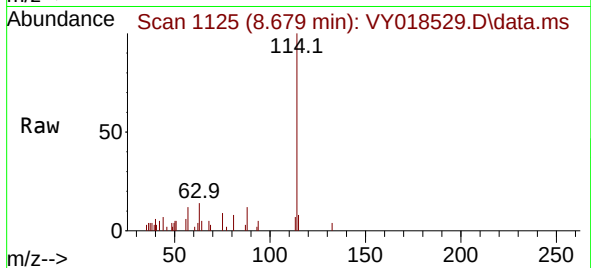
Tgt Ion:114 Resp: 4888

Ion Ratio Lower Upper

114 100

63 14.4 0.0 35.0

88 11.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 39.688 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY018529.D

Acq: 07 Jun 2024 16:04

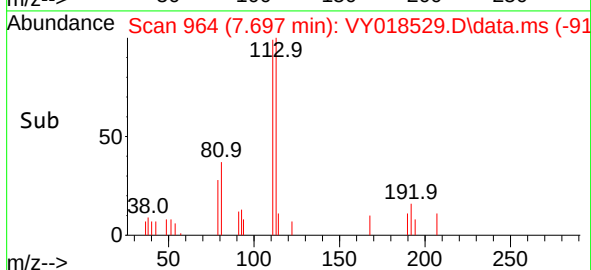
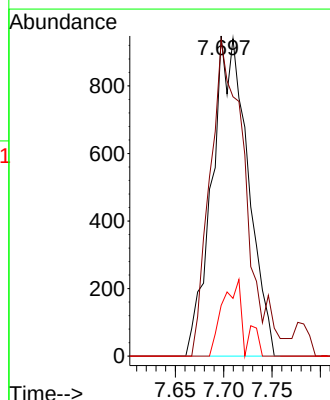
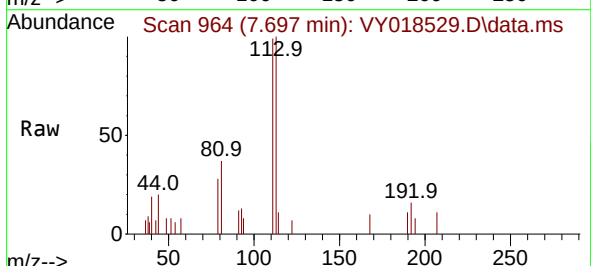
Tgt Ion:113 Resp: 2460

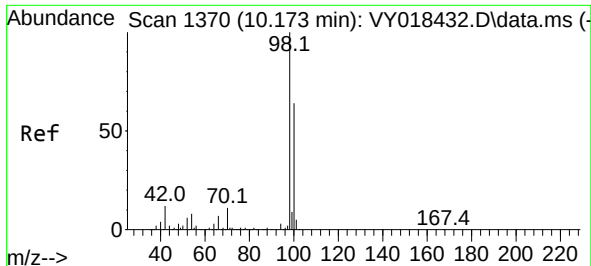
Ion Ratio Lower Upper

113 100

111 96.4 82.2 123.4

192 14.5 15.9 23.9#

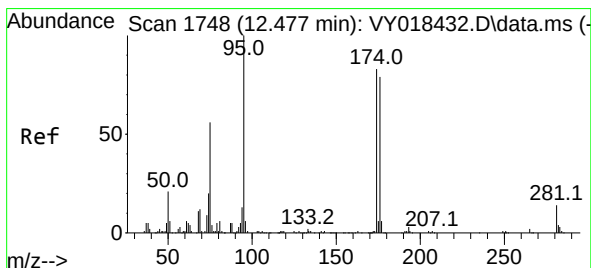
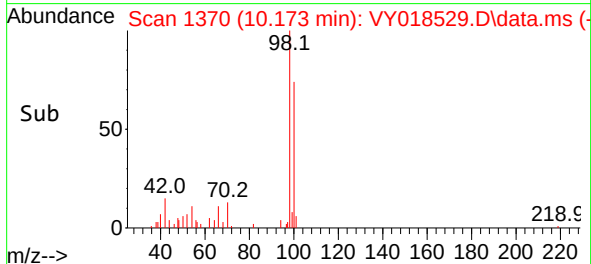
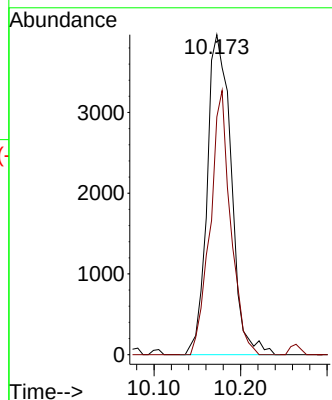
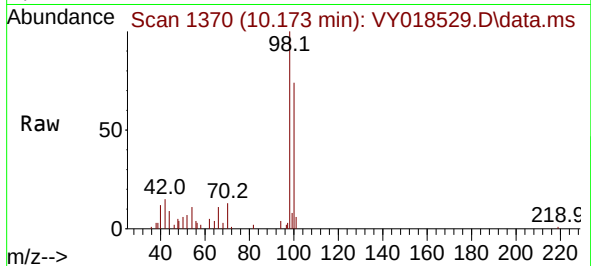




#50
Toluene-d8
Concen: 31.044 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018529.D
Acq: 07 Jun 2024 16:04

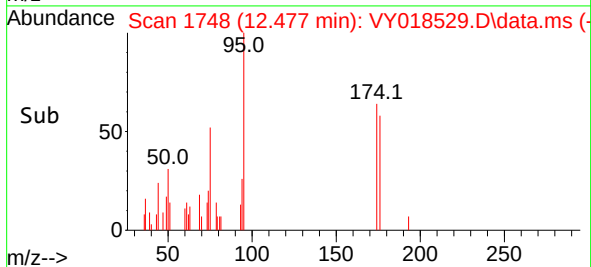
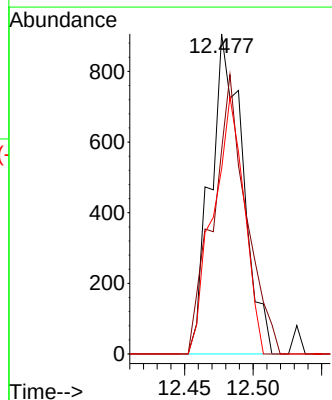
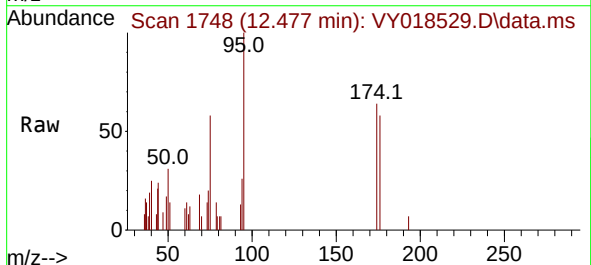
Instrument :
MSVOA_Y
ClientSampleId :
SW-03RE

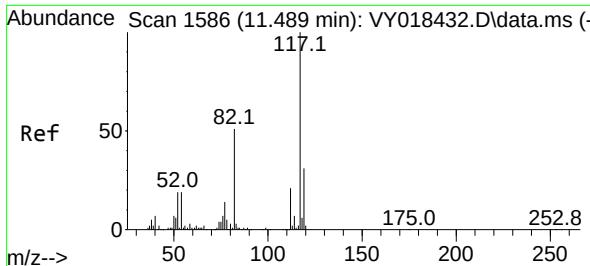
Tgt Ion: 98 Resp: 7655
Ion Ratio Lower Upper
98 100
100 70.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 19.394 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018529.D
Acq: 07 Jun 2024 16:04

Tgt Ion: 95 Resp: 1489
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 77.4 0.0 171.4

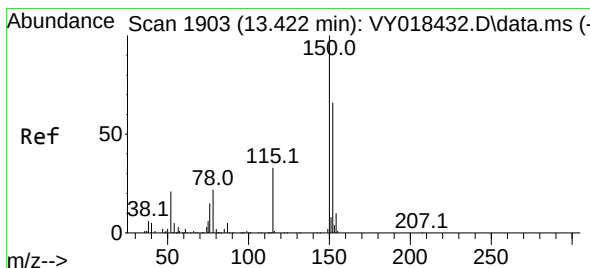
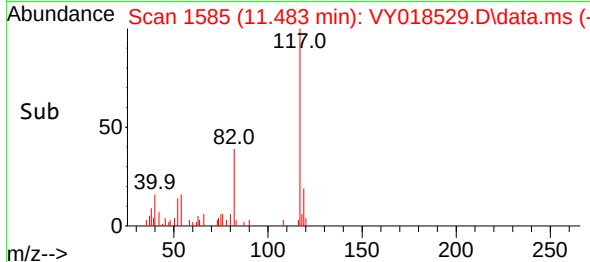
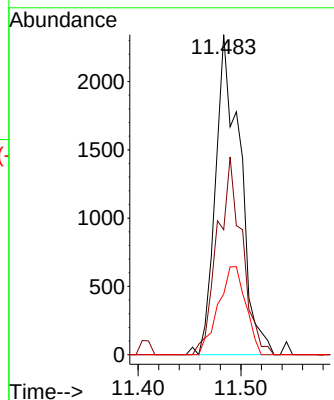
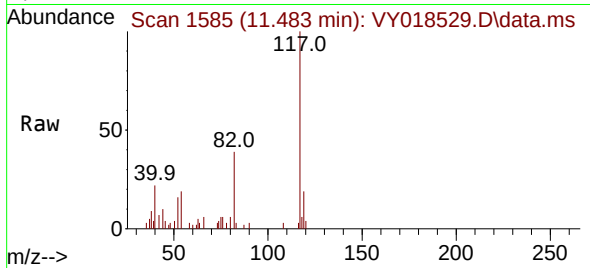




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018529.D
Acq: 07 Jun 2024 16:04

Instrument :
MSVOA_Y
ClientSampleId :
SW-03RE

Tgt Ion:117 Resp: 3896
Ion Ratio Lower Upper
117 100
82 39.1 42.4 63.6#
119 19.0 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY018529.D
Acq: 07 Jun 2024 16:04

Tgt Ion:152 Resp: 818
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 144.4 0.0 345.6

