

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018531.D
 Acq On : 07 Jun 2024 16:54
 Operator : SY/MD
 Sample : P2707-08
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHA-1

Quant Time: Jun 07 23:16:27 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	7.783	168	3233	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	5196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2973	46.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.660%
35) Dibromofluoromethane	7.703	113	2394	36.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.660%
50) Toluene-d8	10.179	98	7798	29.749	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	59.500%
62) 4-Bromofluorobenzene	12.477	95	1519	18.612	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	37.220%

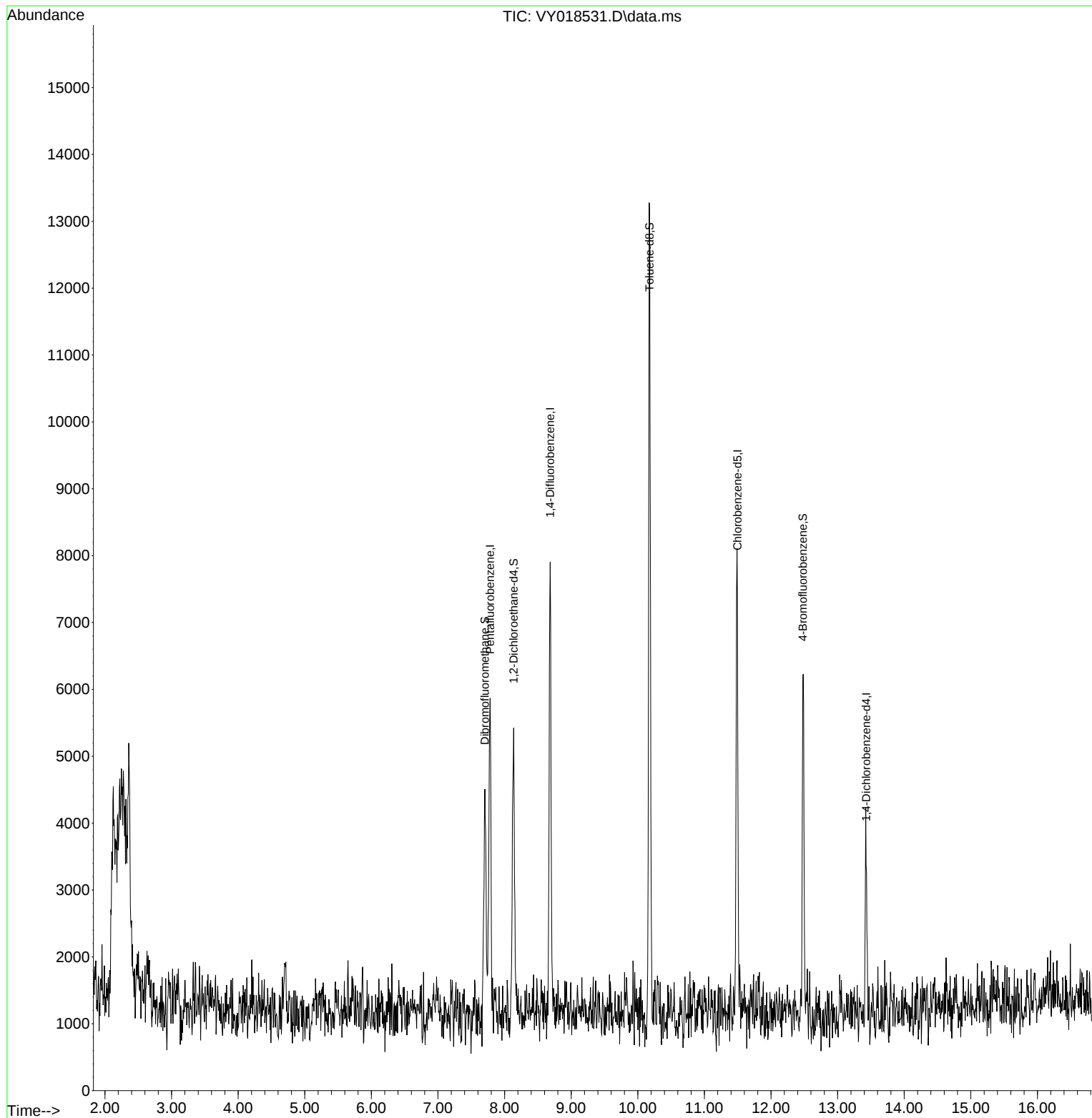
Target Compounds	Qvalue

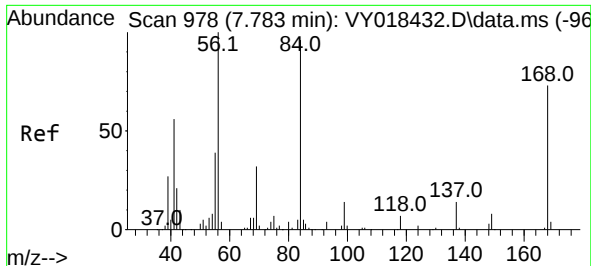
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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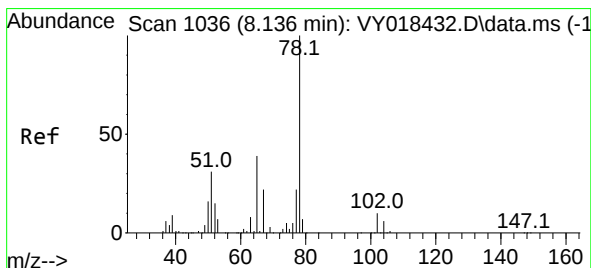
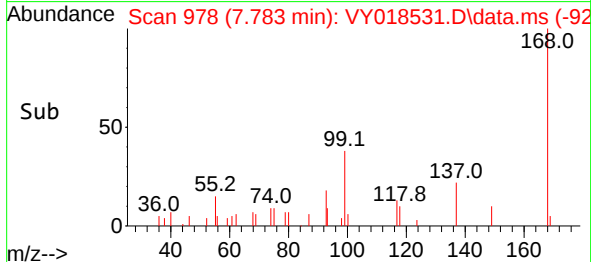
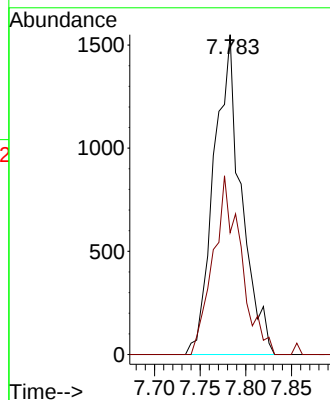
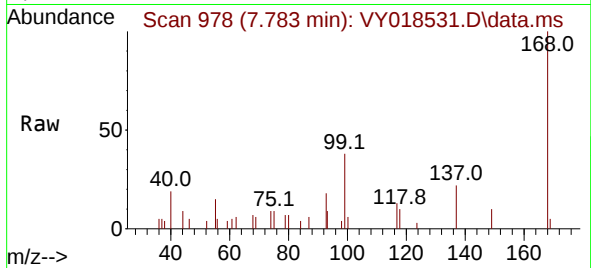




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018531.D
Acq: 07 Jun 2024 16:54

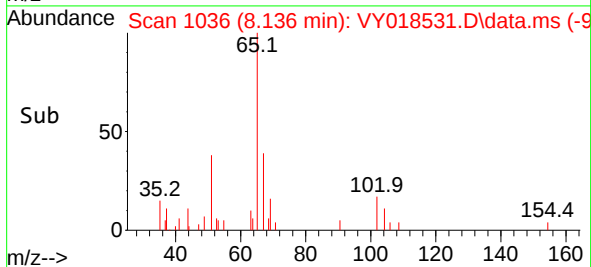
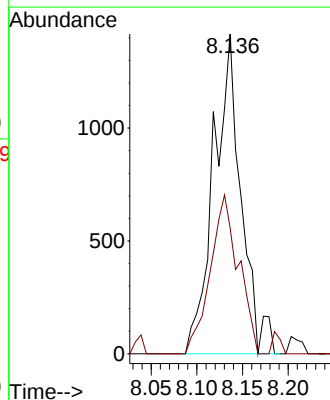
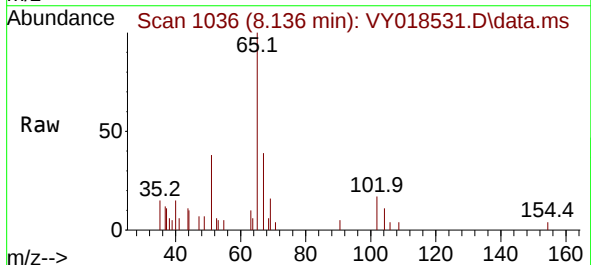
Instrument :
MSVOA_Y
ClientSampleId :
CHA-1

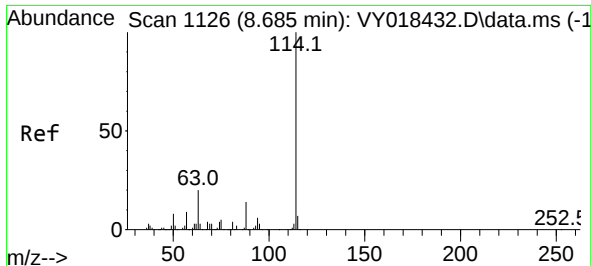
Tgt Ion:168 Resp: 3233
Ion Ratio Lower Upper
168 100
99 38.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 46.826 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018531.D
Acq: 07 Jun 2024 16:54

Tgt Ion: 65 Resp: 2973
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018531.D

Acq: 07 Jun 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

CHA-1

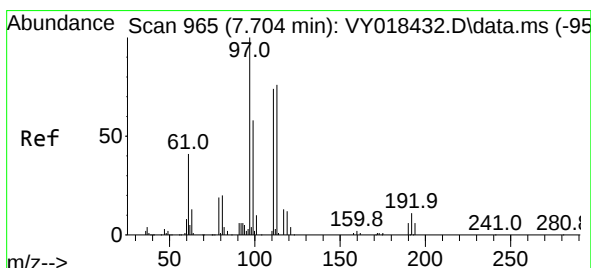
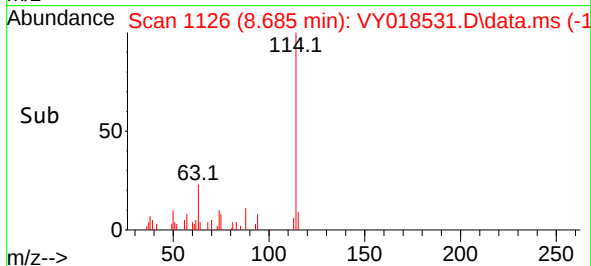
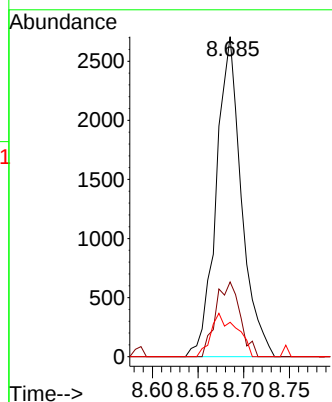
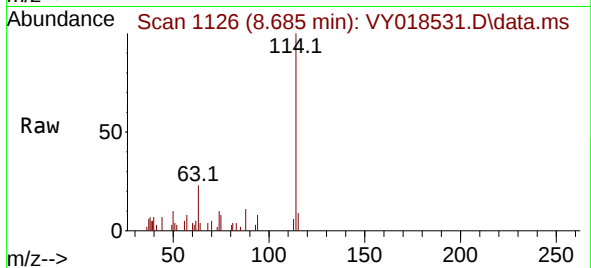
Tgt Ion:114 Resp: 5196

Ion Ratio Lower Upper

114 100

63 23.3 0.0 35.0

88 10.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 36.334 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018531.D

Acq: 07 Jun 2024 16:54

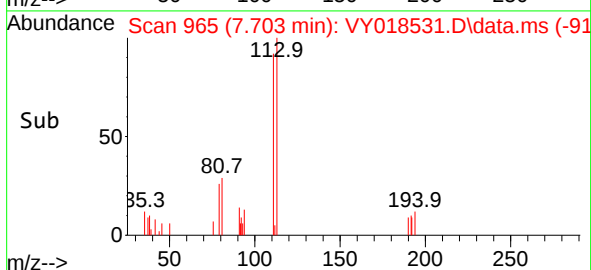
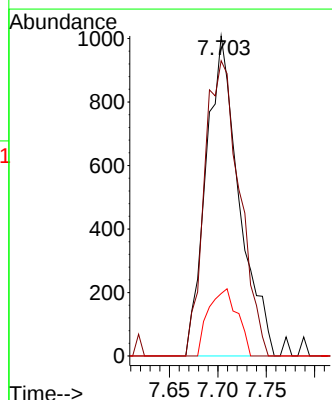
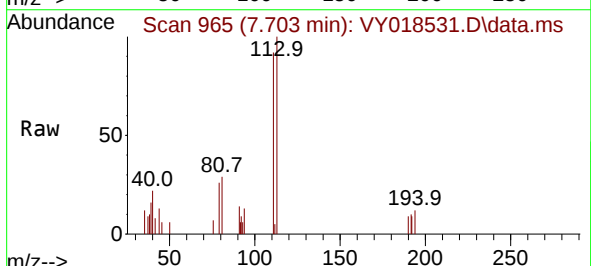
Tgt Ion:113 Resp: 2394

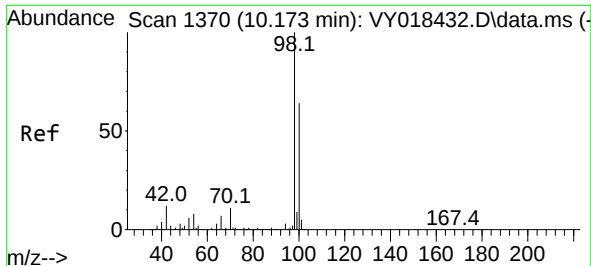
Ion Ratio Lower Upper

113 100

111 97.6 82.2 123.4

192 18.4 15.9 23.9

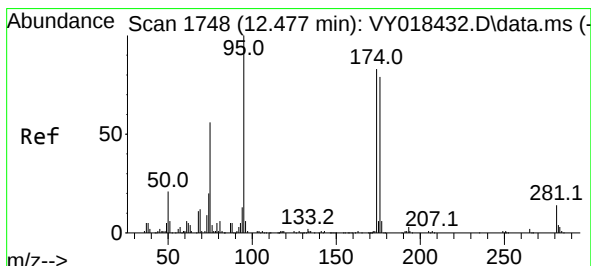
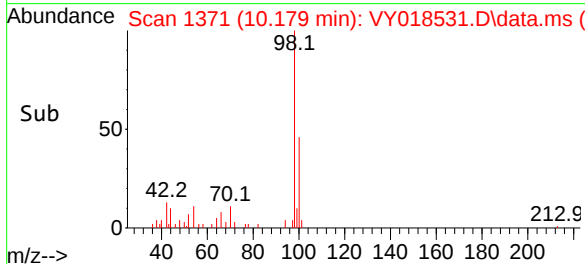
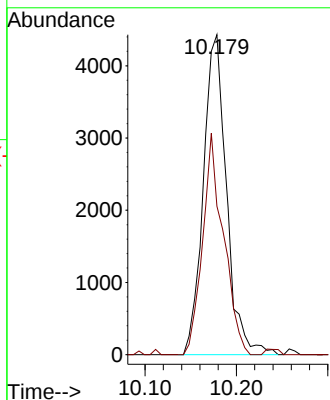
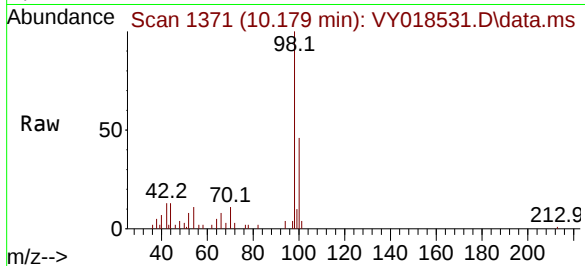




#50
Toluene-d8
Concen: 29.749 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018531.D
Acq: 07 Jun 2024 16:54

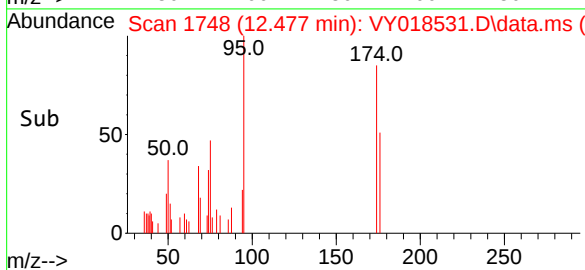
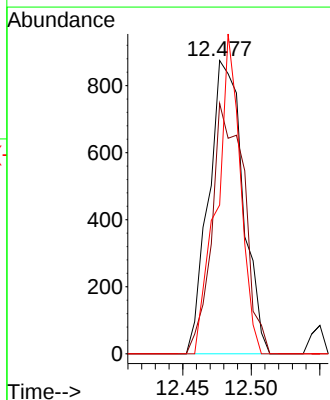
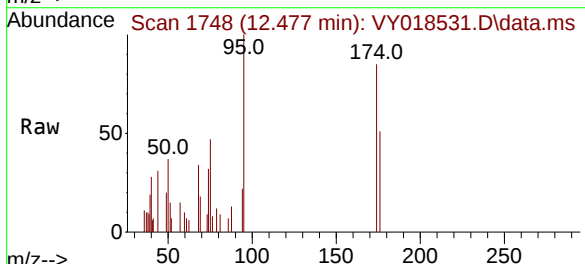
Instrument :
MSVOA_Y
ClientSampleId :
CHA-1

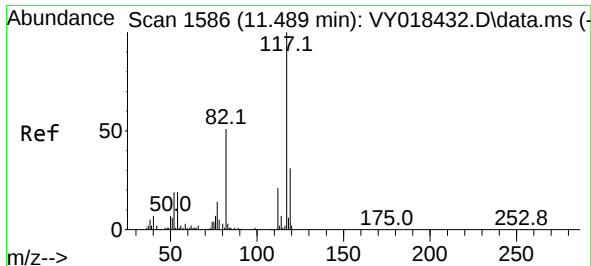
Tgt Ion: 98 Resp: 7798
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 18.612 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018531.D
Acq: 07 Jun 2024 16:54

Tgt Ion: 95 Resp: 1519
Ion Ratio Lower Upper
95 100
174 80.3 0.0 175.6
176 75.4 0.0 171.4

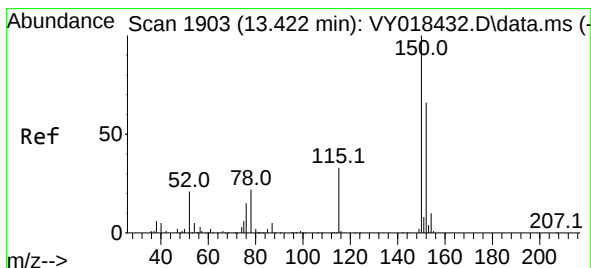
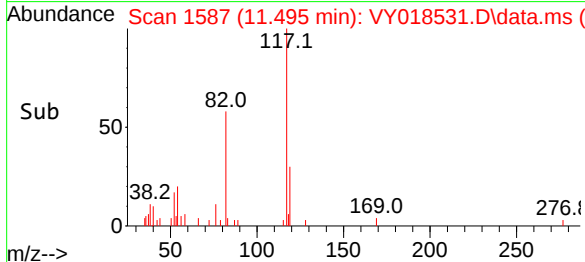
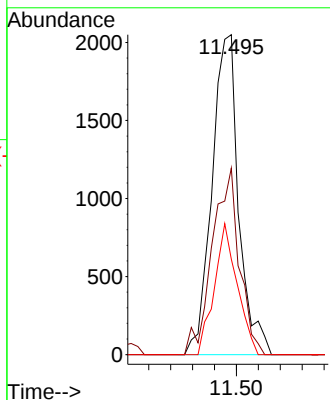
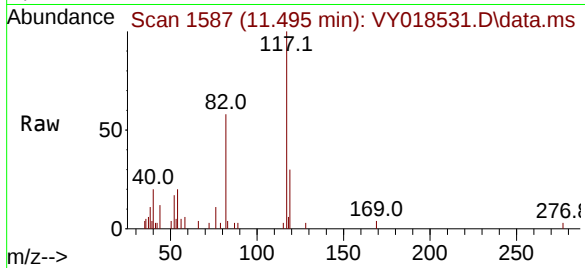




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018531.D
Acq: 07 Jun 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :
CHA-1

Tgt Ion:117	Resp:	3475
Ion	Ratio	Lower Upper
117	100	
82	58.3	42.4 63.6
119	29.9	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: VY018531.D
Acq: 07 Jun 2024 16:54

Tgt Ion:152	Resp:	695
Ion	Ratio	Lower Upper
152	100	
115	58.7	28.2 84.7
150	160.7	0.0 345.6

