

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018475.D
 Acq On : 04 Jun 2024 19:49
 Operator : SY/MD
 Sample : P2705-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 330RE

Quant Time: Jun 05 01:31:07 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	5889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	10566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3627	31.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.720%
35) Dibromofluoromethane	7.697	113	3936	29.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.760%
50) Toluene-d8	10.173	98	13229	24.819	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	49.640%#
62) 4-Bromofluorobenzene	12.483	95	2185	13.166	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	26.340%#

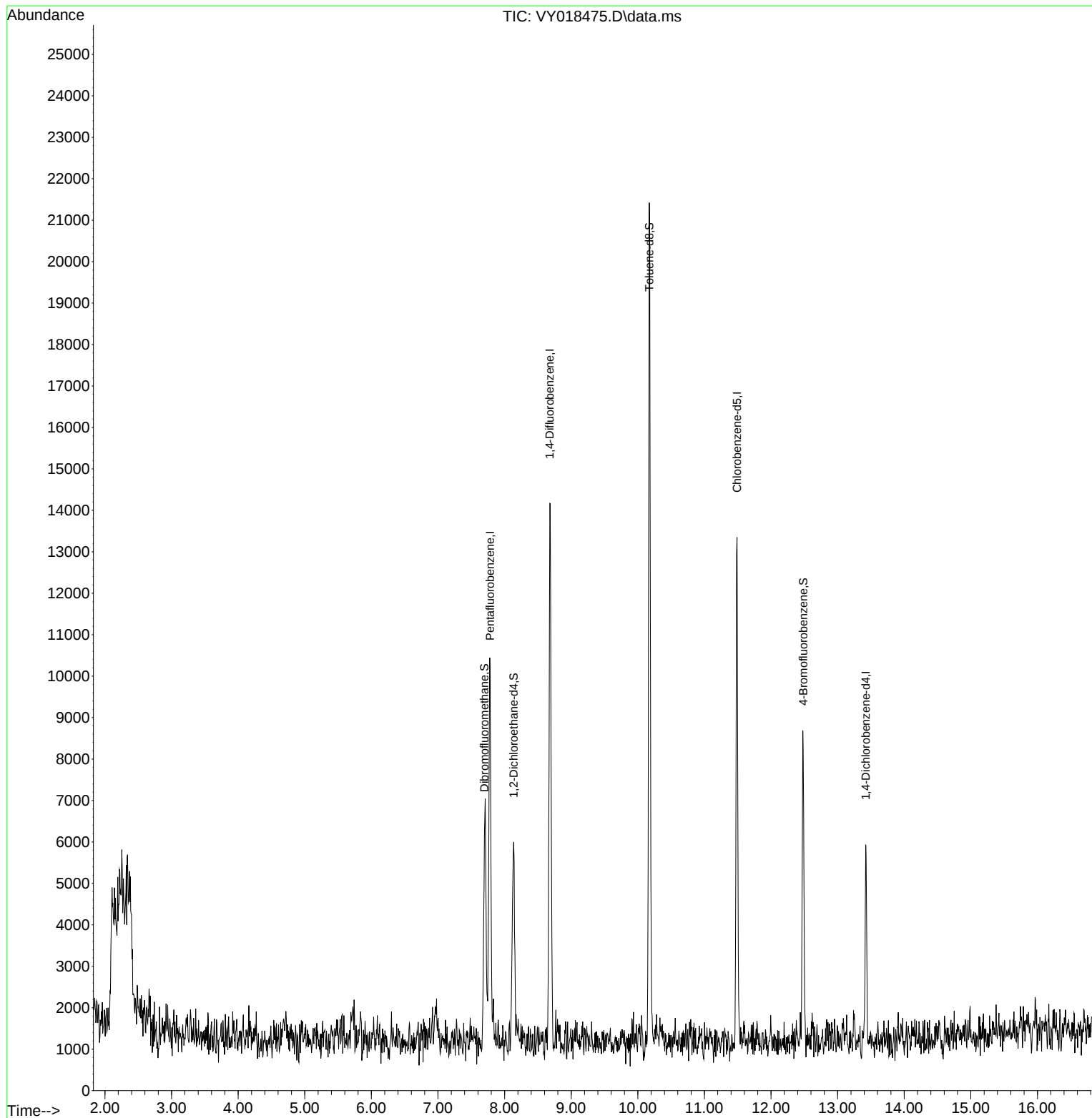
Target Compounds	Qvalue

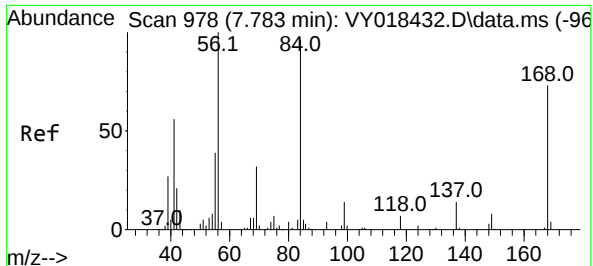
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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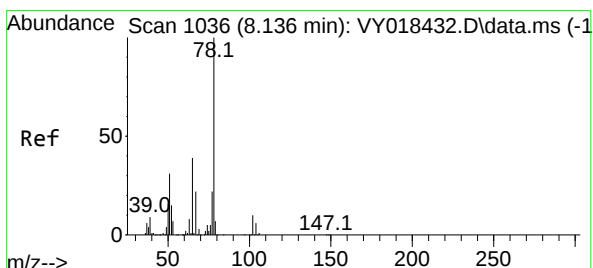
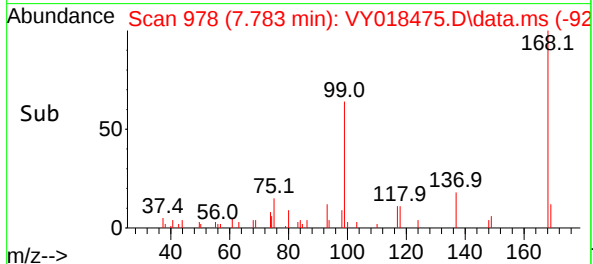
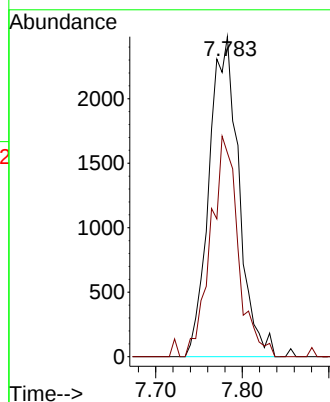
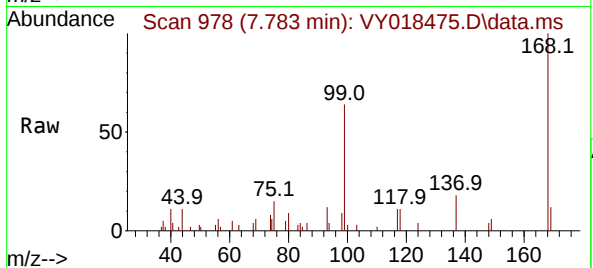




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018475.D
Acq: 04 Jun 2024 19:49

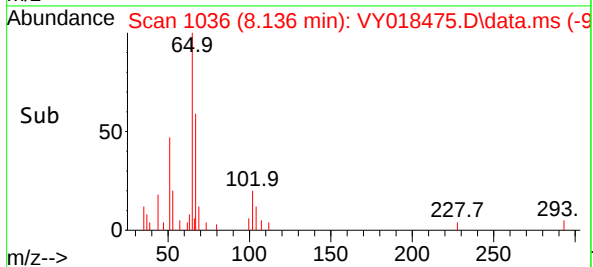
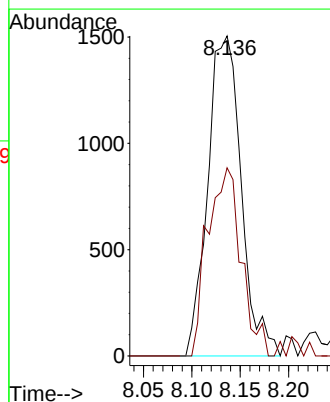
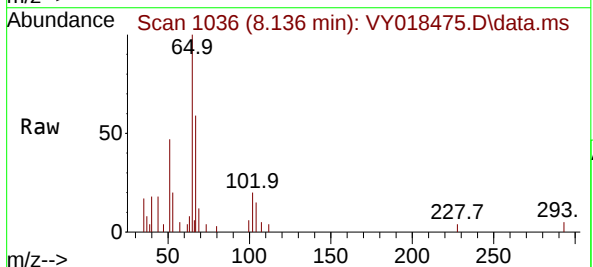
Instrument :
MSVOA_Y
ClientSampleId :
330RE

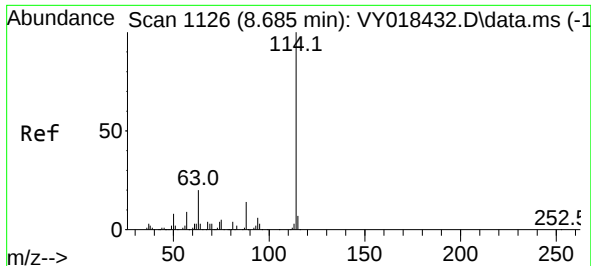
Tgt Ion:168 Resp: 5889
Ion Ratio Lower Upper
168 100
99 63.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 31.362 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018475.D
Acq: 04 Jun 2024 19:49

Tgt Ion: 65 Resp: 3627
Ion Ratio Lower Upper
65 100
67 58.8 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: VY018475.D

Acq: 04 Jun 2024 19:49

Instrument :

MSVOA_Y

ClientSampleId :

330RE

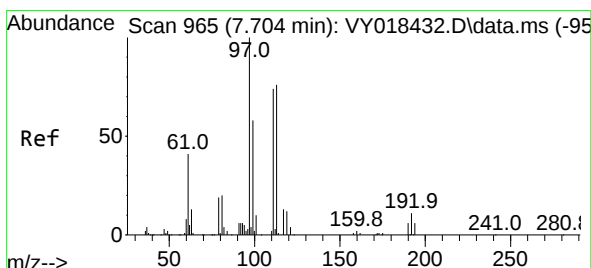
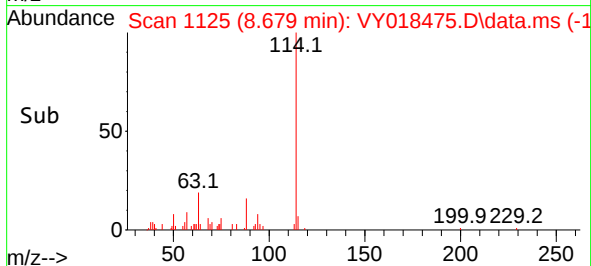
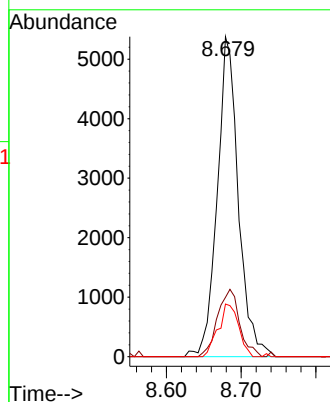
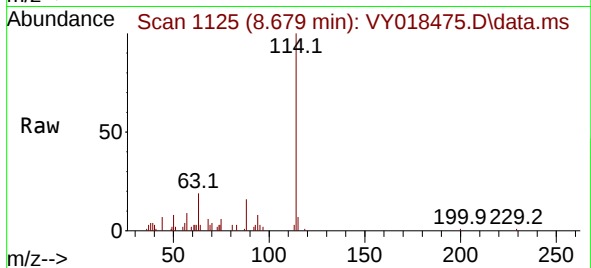
Tgt Ion:114 Resp: 10566

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 16.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 29.377 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY018475.D

Acq: 04 Jun 2024 19:49

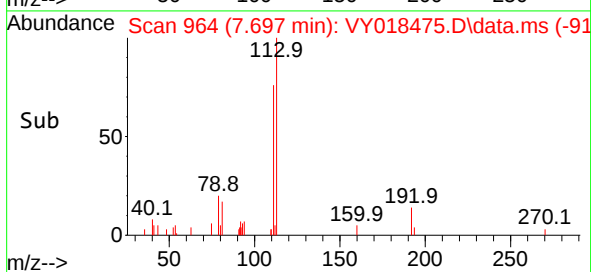
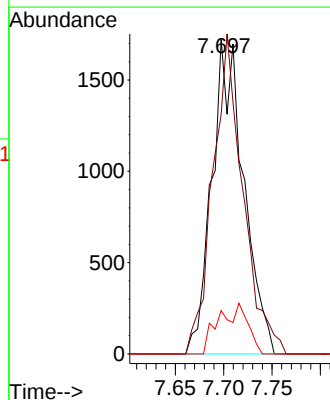
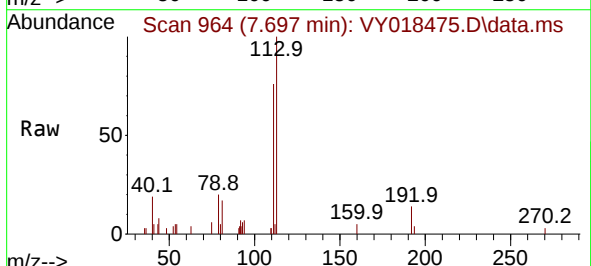
Tgt Ion:113 Resp: 3936

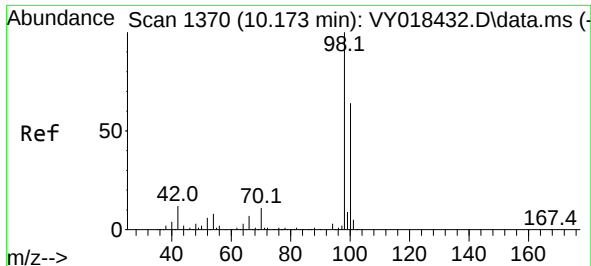
Ion Ratio Lower Upper

113 100

111 96.2 82.2 123.4

192 14.6 15.9 23.9#

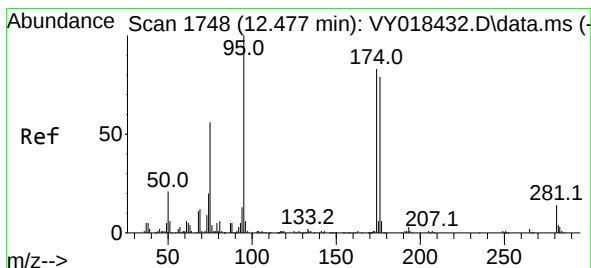
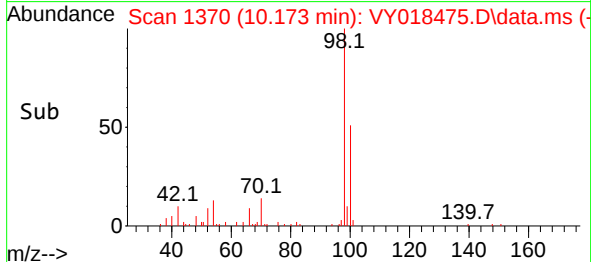
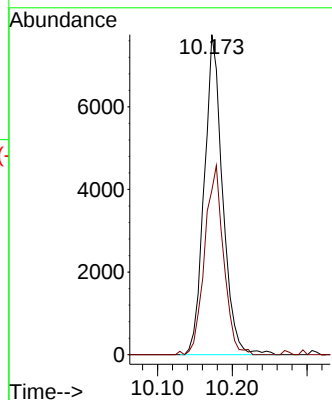
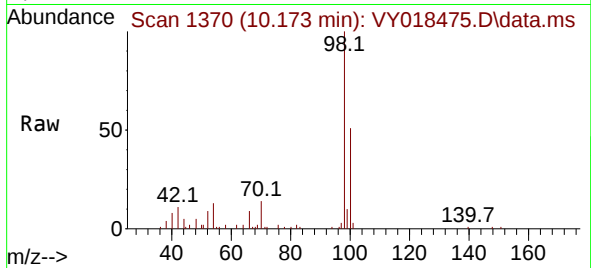




#50
Toluene-d8
Concen: 24.819 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018475.D
Acq: 04 Jun 2024 19:49

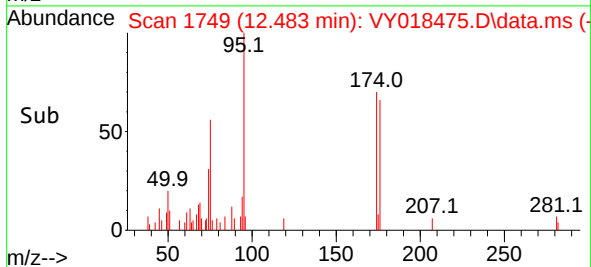
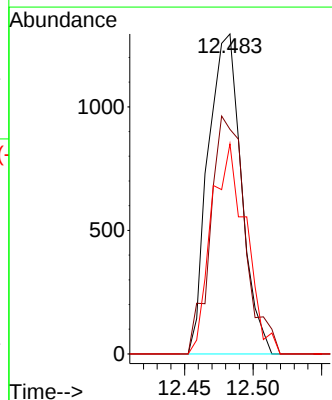
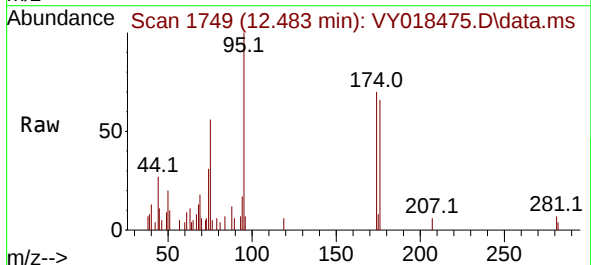
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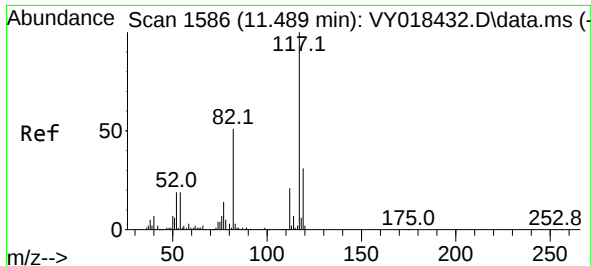
Tgt Ion: 98 Resp: 13229
Ion Ratio Lower Upper
98 100
100 60.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 13.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018475.D
Acq: 04 Jun 2024 19:49

Tgt Ion: 95 Resp: 2185
Ion Ratio Lower Upper
95 100
174 77.5 0.0 175.6
176 68.3 0.0 171.4

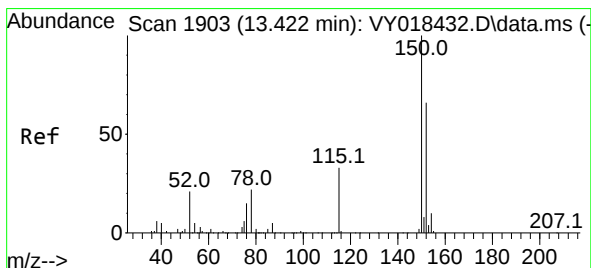
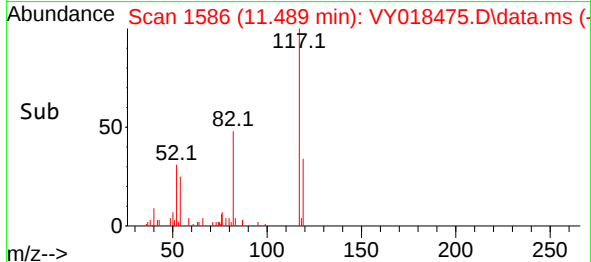
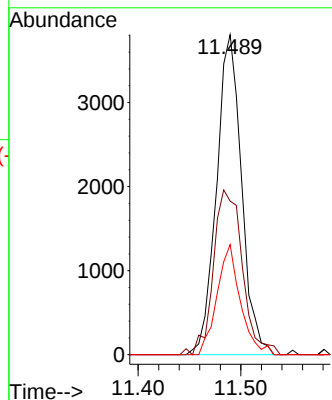
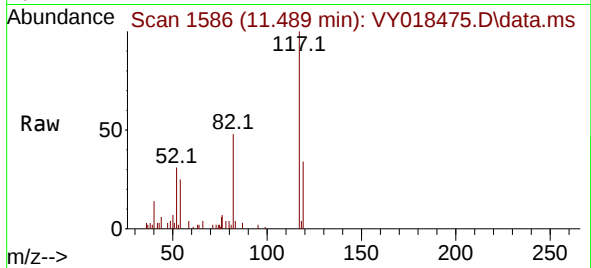




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018475.D
Acq: 04 Jun 2024 19:49

Instrument :
MSVOA_Y
ClientSampleId :
330RE

Tgt Ion:	117	Resp:	6430
Ion	Ratio	Lower	Upper
117	100		
82	48.0	42.4	63.6
119	34.4	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: VY018475.D
Acq: 04 Jun 2024 19:49

Tgt Ion:	152	Resp:	1141
Ion	Ratio	Lower	Upper
152	100		
115	66.6	28.2	84.7
150	154.7	0.0	345.6

