

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018443.D
 Acq On : 03 Jun 2024 16:15
 Operator : SY/MD
 Sample : P2680-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR2520258

Quant Time: Jun 04 05:42:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	1548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	2572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	1576	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	339	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1042	34.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.560%
35) Dibromofluoromethane	7.704	113	1104	33.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.700%
50) Toluene-d8	10.179	98	2783	21.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	42.900%#
62) 4-Bromofluorobenzene	12.471	95	376	9.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.620%#

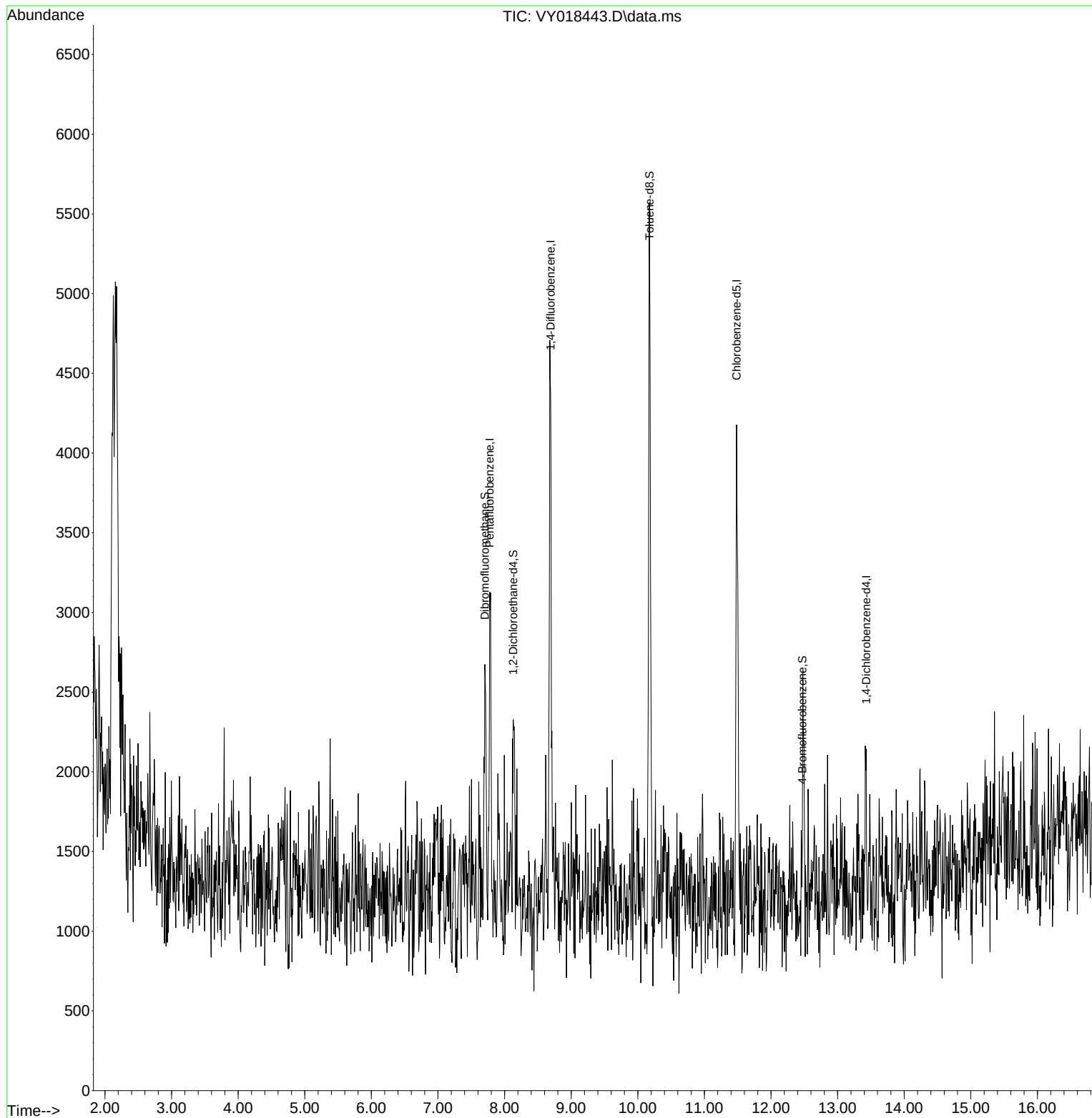
Target Compounds	Qvalue

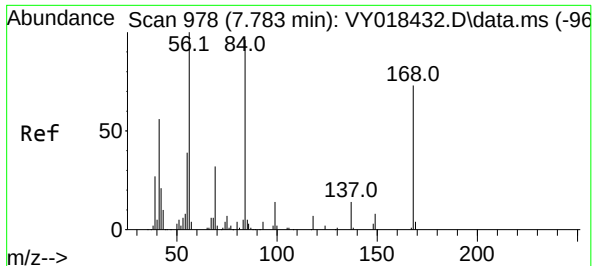
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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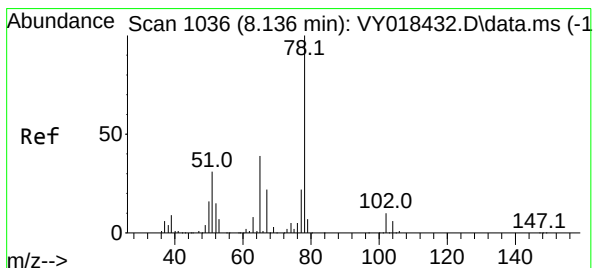
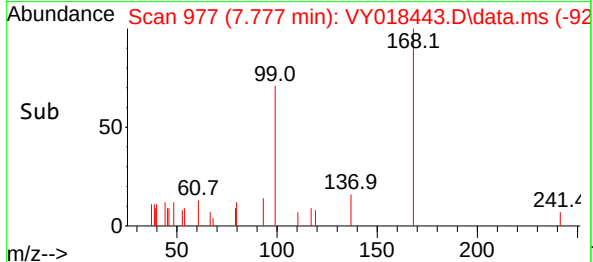
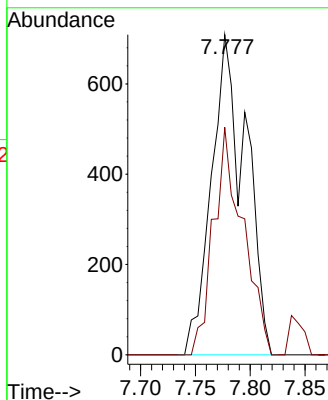
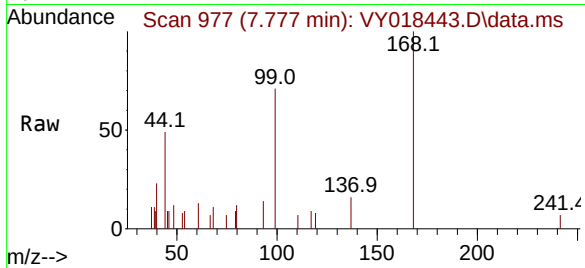




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

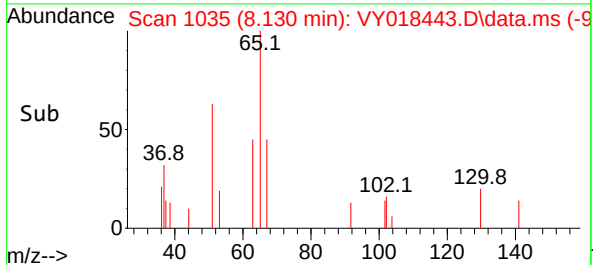
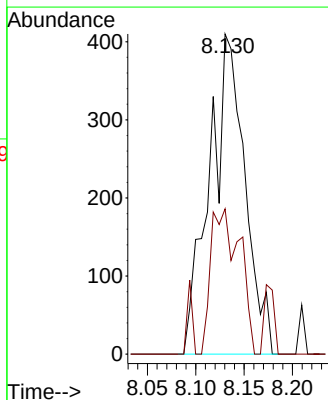
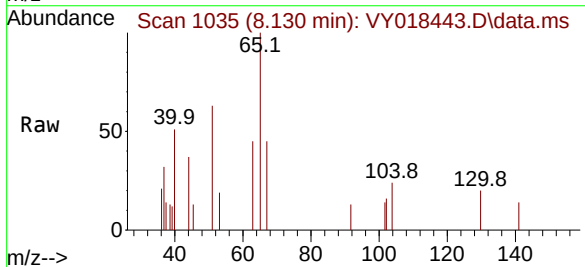
Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

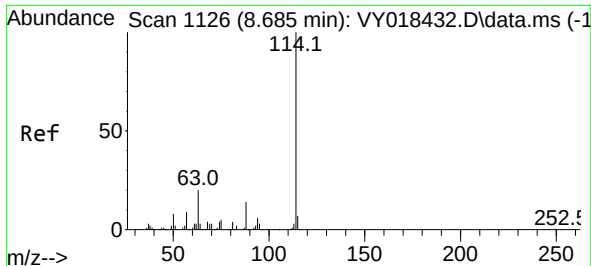
Tgt Ion:168 Resp: 1548
Ion Ratio Lower Upper
168 100
99 71.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 34.276 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion: 65 Resp: 1042
Ion Ratio Lower Upper
65 100
67 37.5 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: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520258

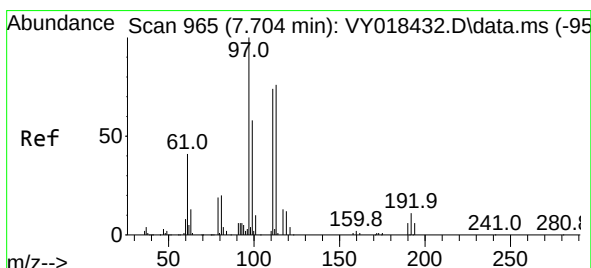
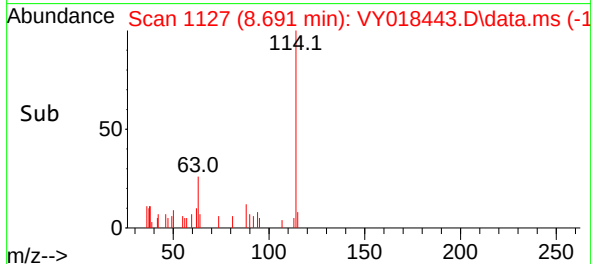
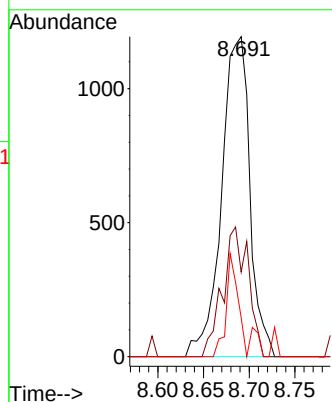
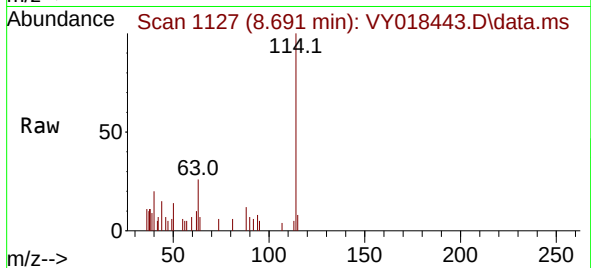
Tgt Ion:114 Resp: 2572

Ion Ratio Lower Upper

114 100

63 26.5 0.0 35.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 33.850 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

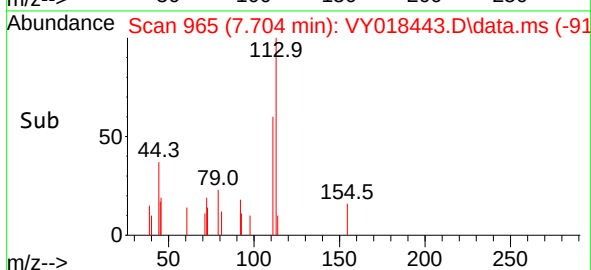
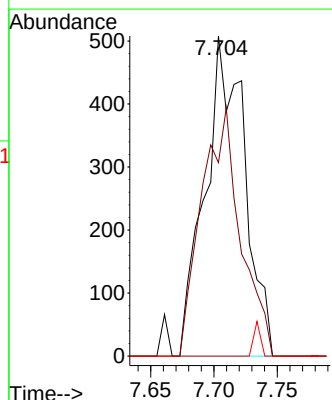
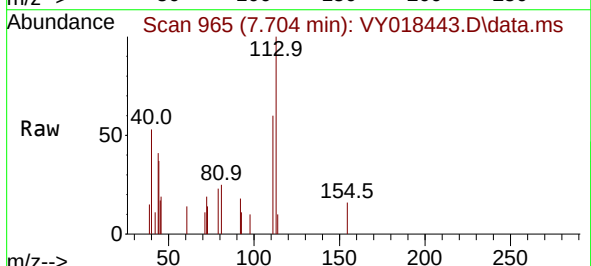
Tgt Ion:113 Resp: 1104

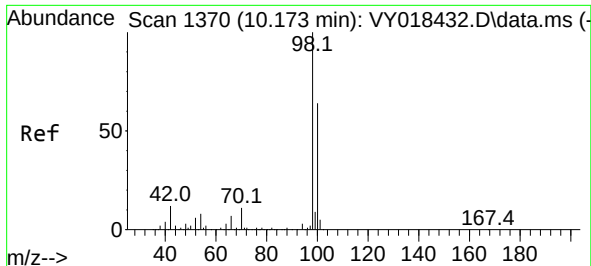
Ion Ratio Lower Upper

113 100

111 76.7 82.2 123.4#

192 0.0 15.9 23.9#

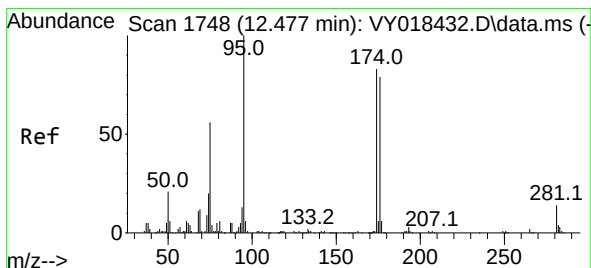
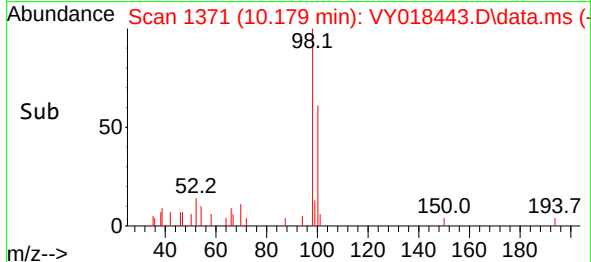
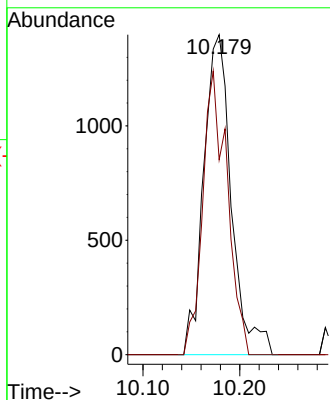
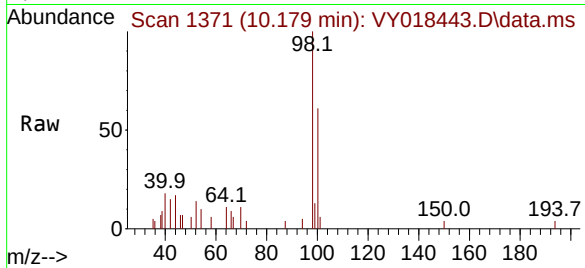




#50
Toluene-d8
Concen: 21.449 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

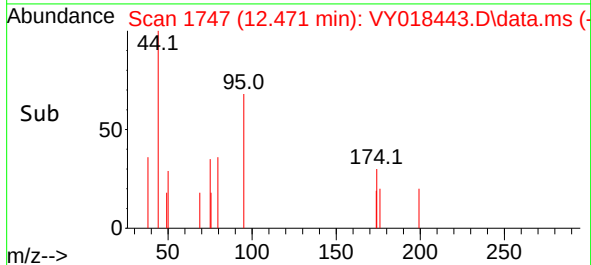
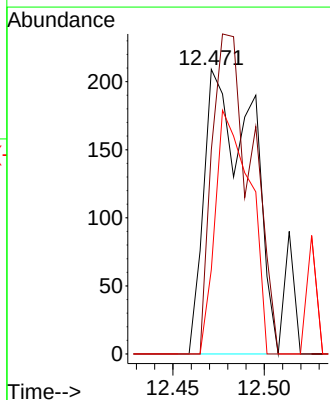
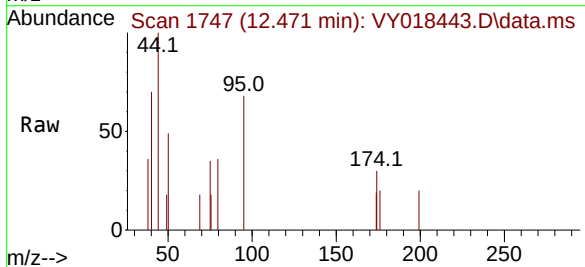
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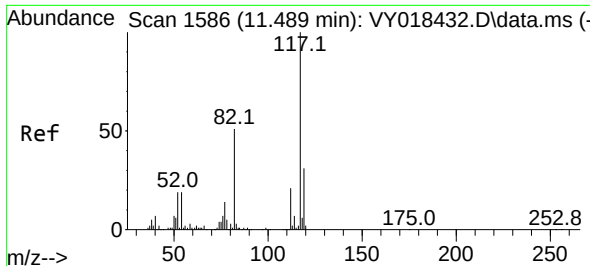
Tgt Ion: 98 Resp: 2783
Ion Ratio Lower Upper
98 100
100 78.3 52.0 78.0#



#62
4-Bromofluorobenzene
Concen: 9.307 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.006 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion: 95 Resp: 376
Ion Ratio Lower Upper
95 100
174 94.7 0.0 175.6
176 63.6 0.0 171.4

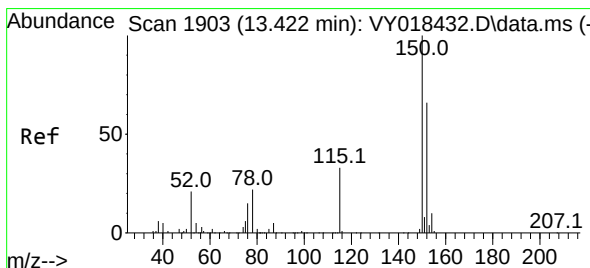
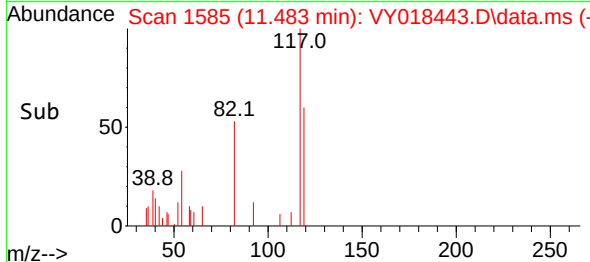
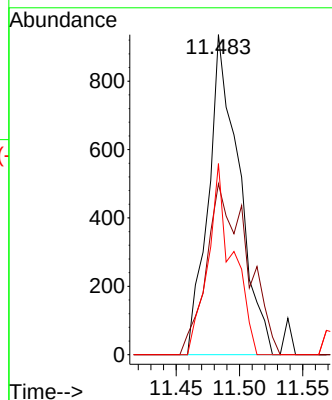
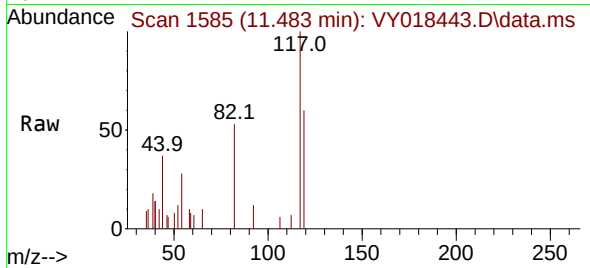




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

Tgt Ion:117 Resp: 1576
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 59.7 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: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion:152 Resp: 339
Ion Ratio Lower Upper
152 100
115 64.3 28.2 84.7
150 133.9 0.0 345.6

