

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018445.D
 Acq On : 03 Jun 2024 17:04
 Operator : SY/MD
 Sample : P2689-02
 Misc : 3.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-05312024

Quant Time: Jun 04 05:42:58 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	7.783	168	71730	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	150446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	135112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47424	33.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.340%
35) Dibromofluoromethane	7.710	113	45504	23.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.700%#
50) Toluene-d8	10.173	98	183272	24.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	48.300%#
62) 4-Bromofluorobenzene	12.477	95	53456	22.622	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.240%

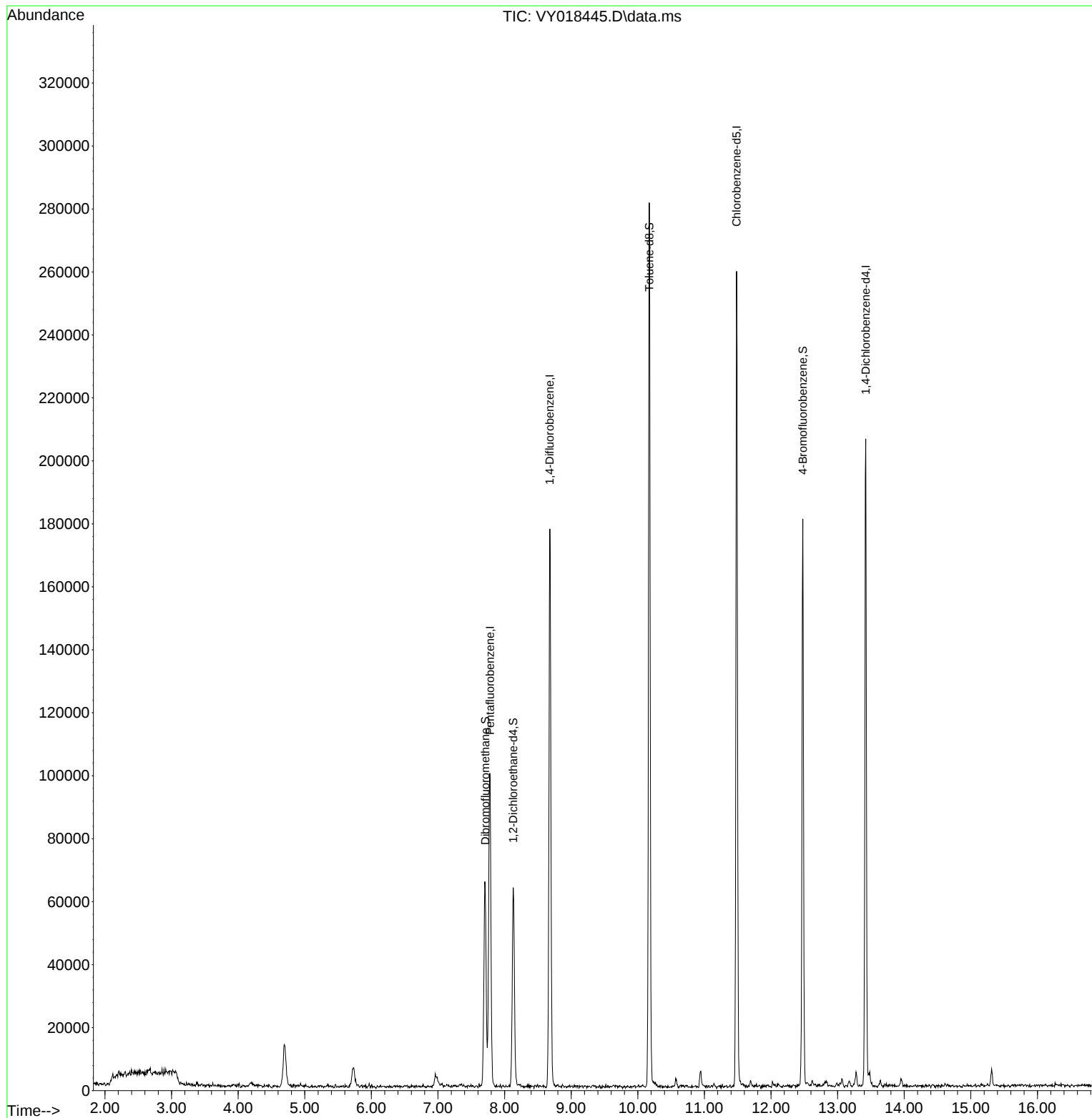
Target Compounds	Qvalue

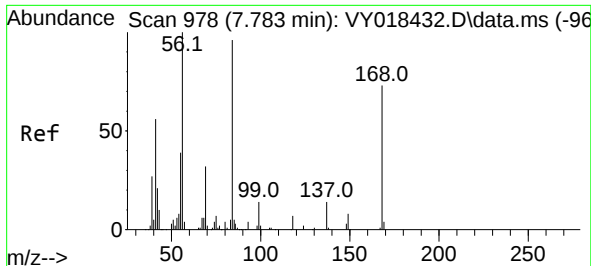
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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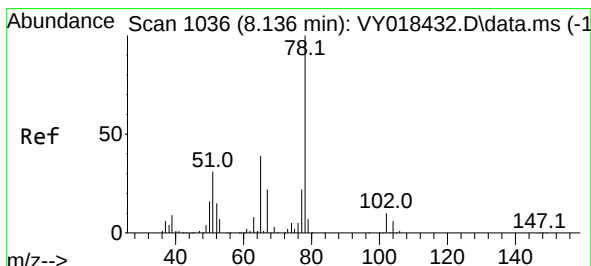
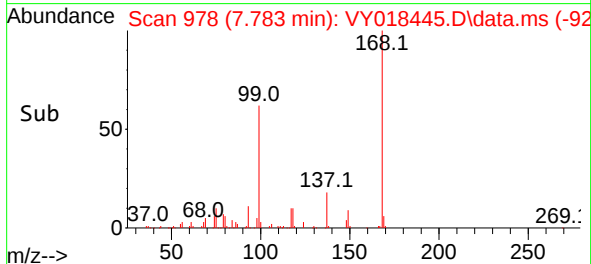
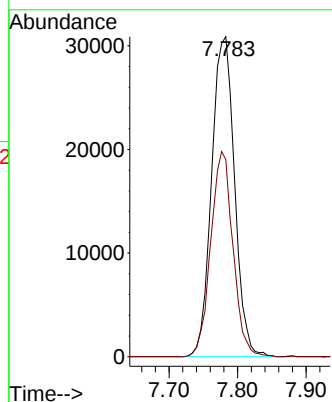
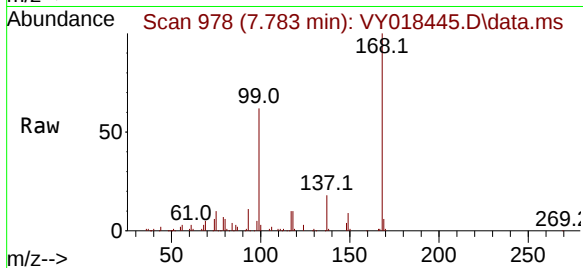




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

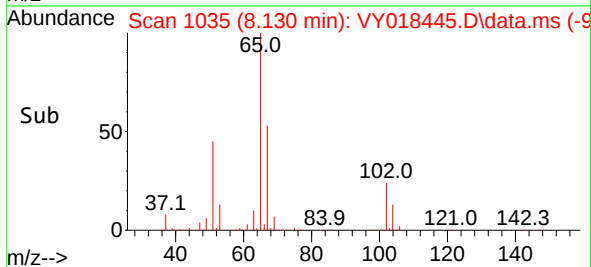
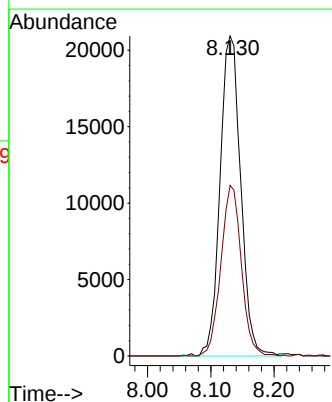
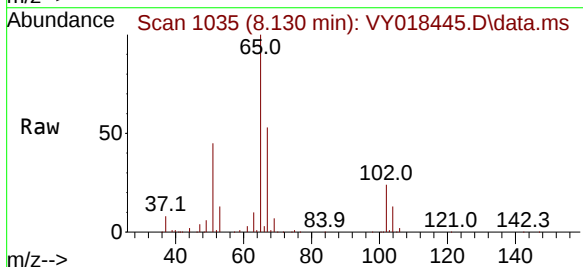
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-05312024

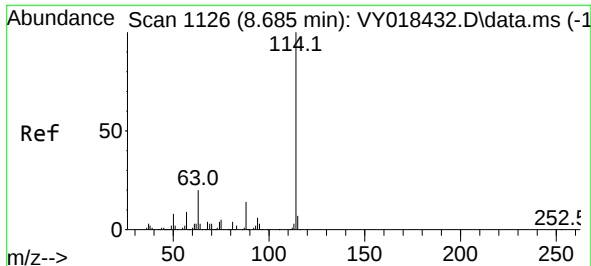
Tgt Ion:168 Resp: 71730
Ion Ratio Lower Upper
168 100
99 61.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 33.666 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

Tgt Ion: 65 Resp: 47424
Ion Ratio Lower Upper
65 100
67 52.8 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: VY018445.D

Acq: 03 Jun 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-05312024

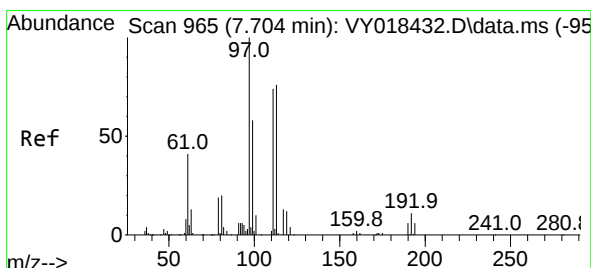
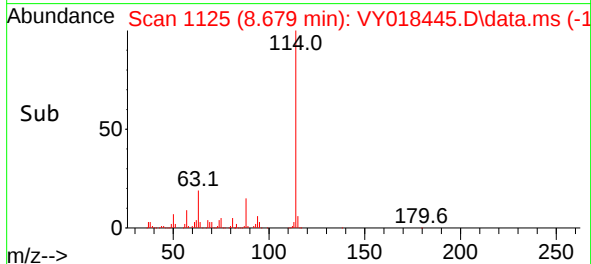
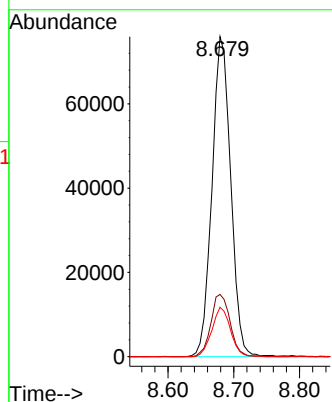
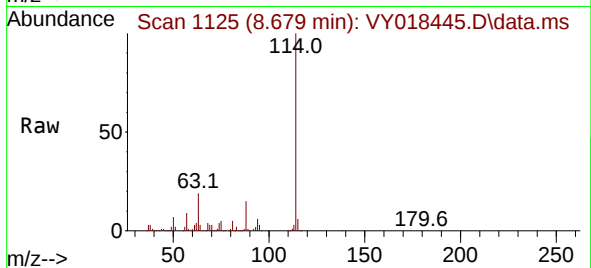
Tgt Ion:114 Resp: 150446

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 23.852 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018445.D

Acq: 03 Jun 2024 17:04

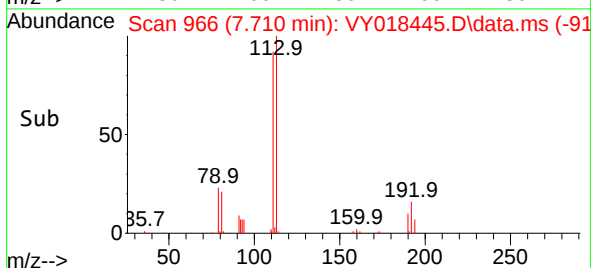
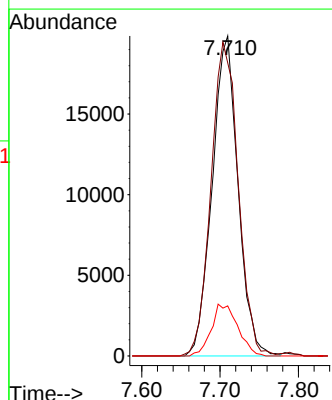
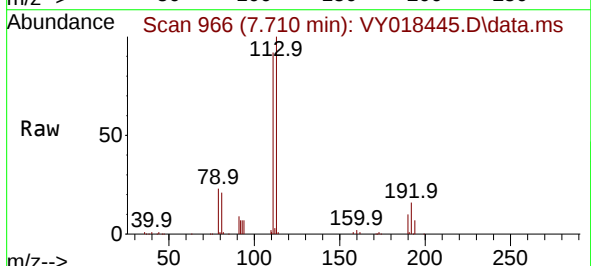
Tgt Ion:113 Resp: 45504

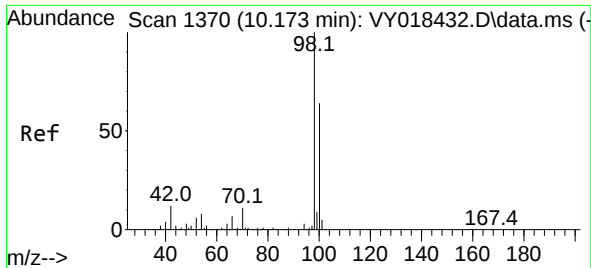
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 16.6 15.9 23.9

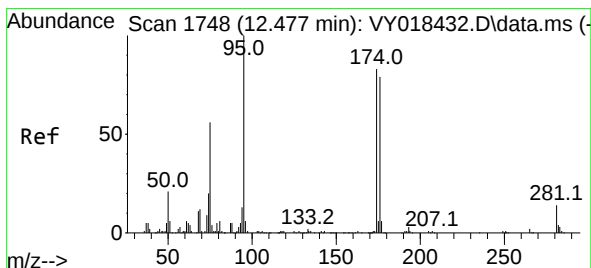
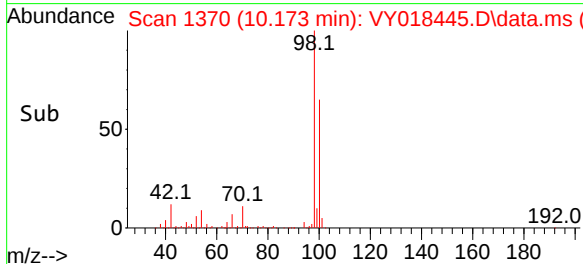
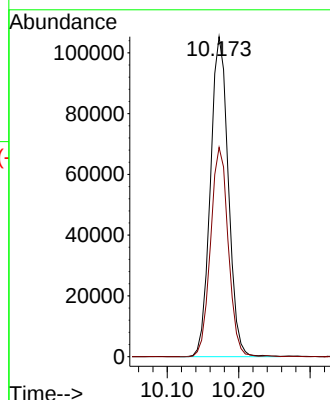
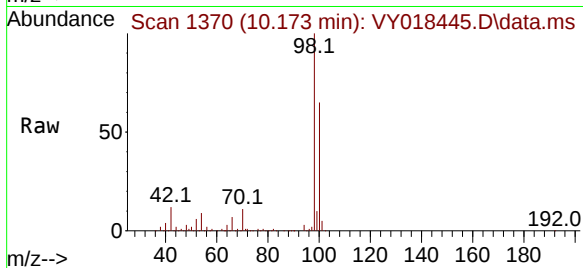




#50
Toluene-d8
Concen: 24.148 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

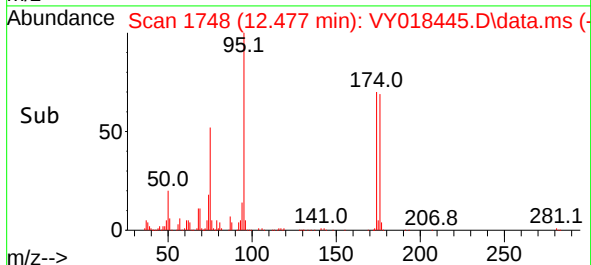
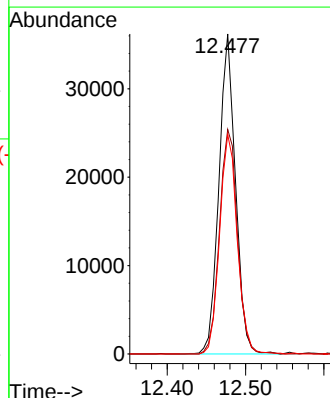
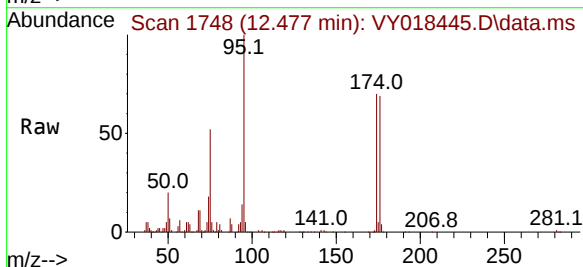
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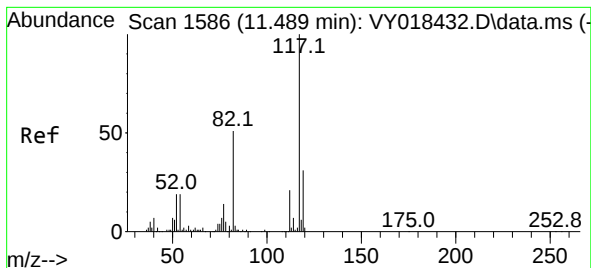
Tgt Ion: 98 Resp: 183272
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.622 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

Tgt Ion: 95 Resp: 53456
Ion Ratio Lower Upper
95 100
174 76.0 0.0 175.6
176 72.8 0.0 171.4

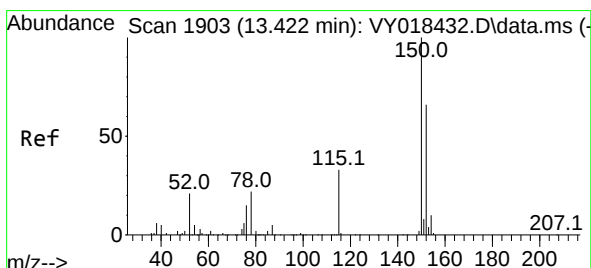
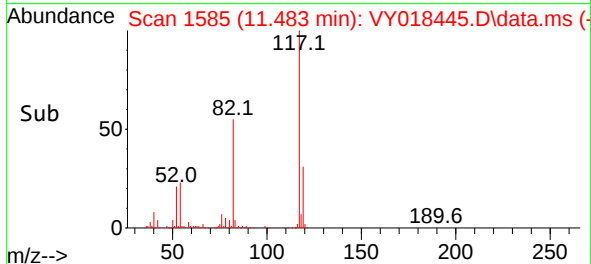
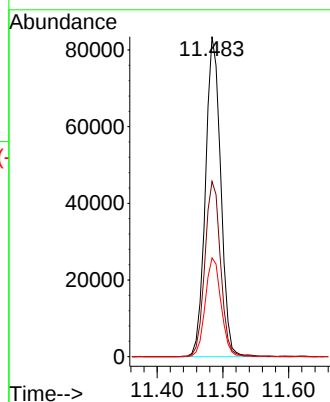
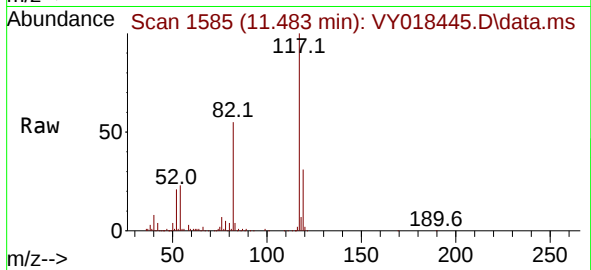




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-05312024

Tgt Ion:117 Resp: 135112
Ion Ratio Lower Upper
117 100
82 54.7 42.4 63.6
119 30.9 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: VY018445.D
Acq: 03 Jun 2024 17:04

Tgt Ion:152 Resp: 50144
Ion Ratio Lower Upper
152 100
115 60.6 28.2 84.7
150 152.1 0.0 345.6

