

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018487.D
 Acq On : 05 Jun 2024 16:11
 Operator : SY/MD
 Sample : P2712-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-060424

Quant Time: Jun 06 05:56:36 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	899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	2021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1385	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	531	30.077	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	60.160%
35) Dibromofluoromethane	7.704	113	934	36.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.900%
50) Toluene-d8	10.179	98	2938	28.817	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	57.640%#
62) 4-Bromofluorobenzene	12.477	95	323	10.175	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.360%#

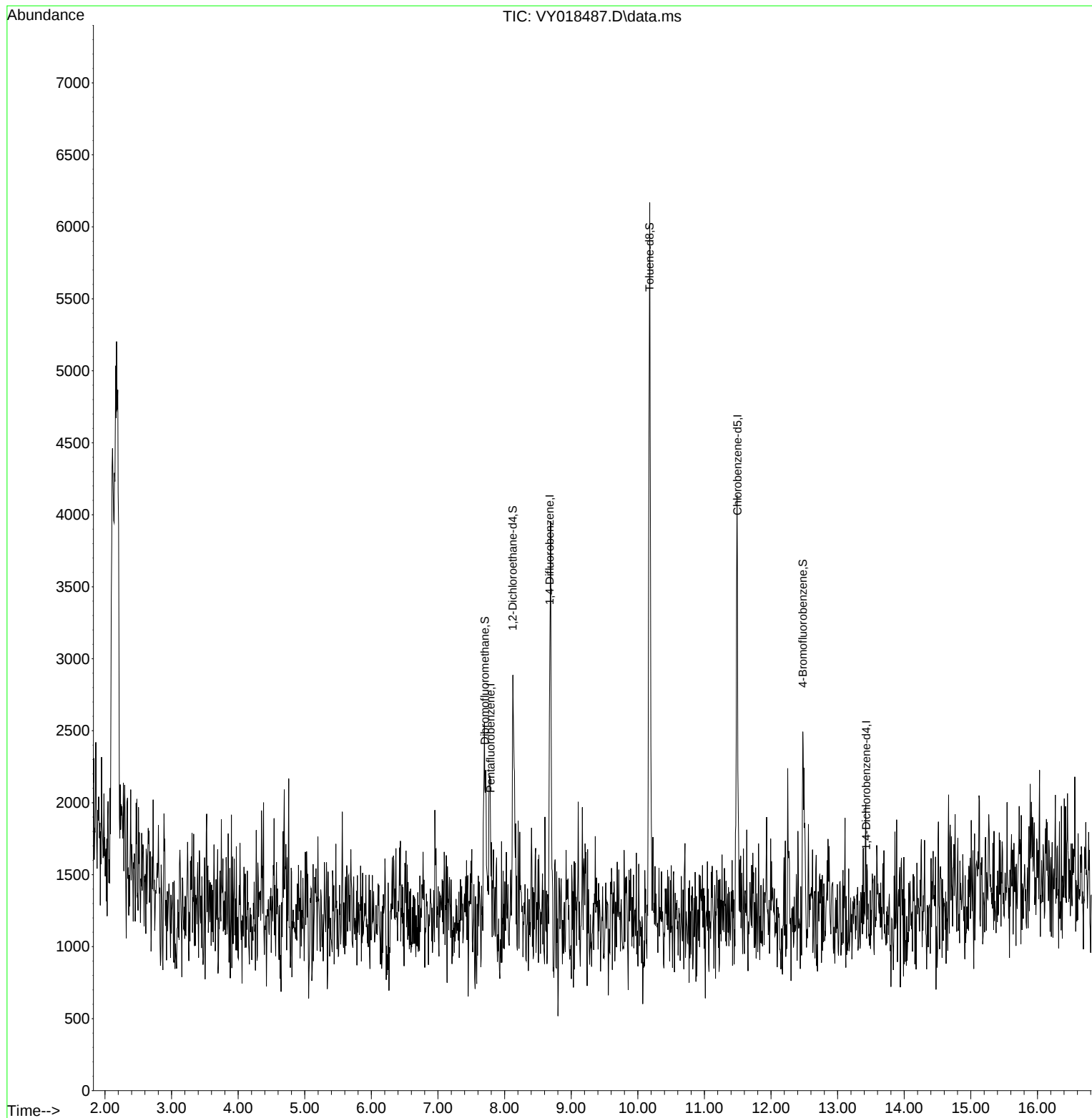
Target Compounds	Qvalue

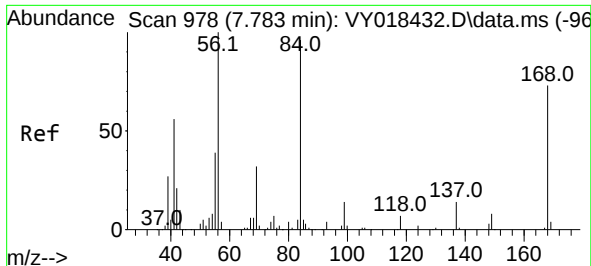
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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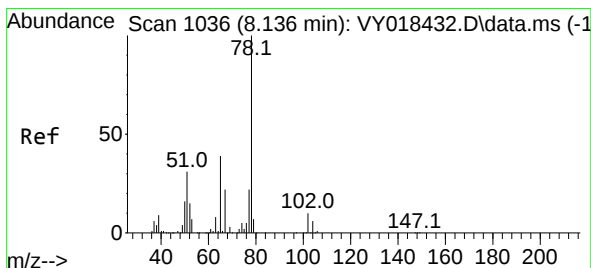
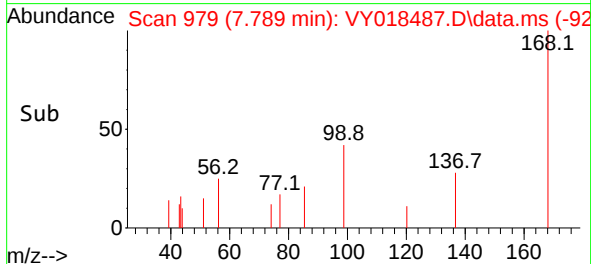
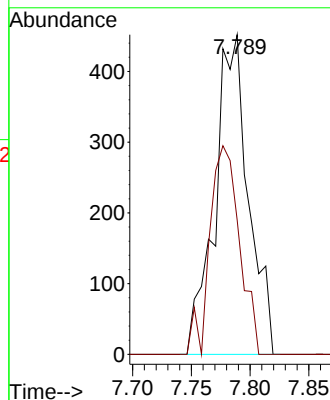
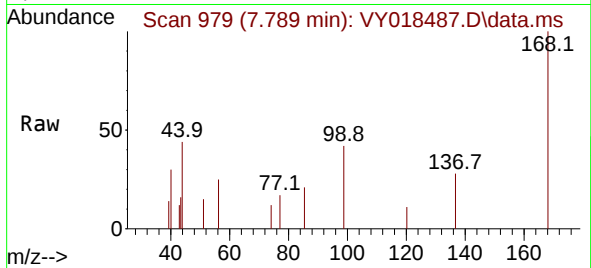




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

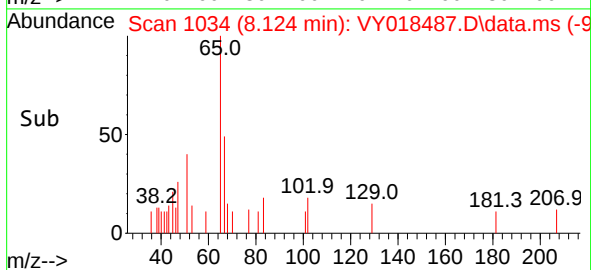
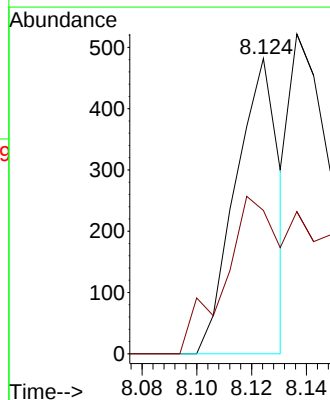
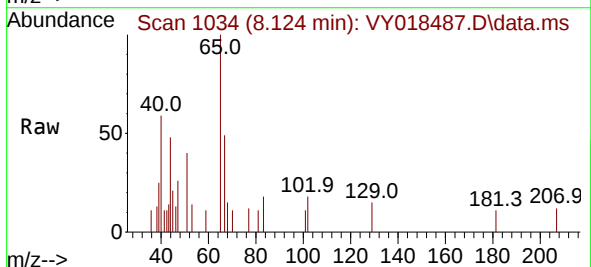
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-060424

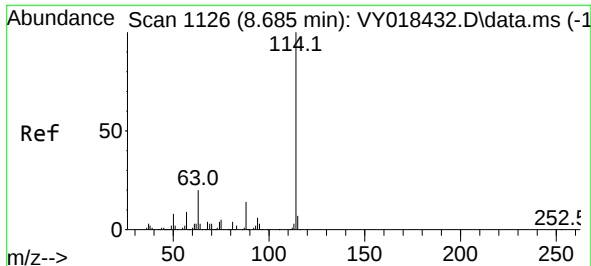
Tgt Ion:168 Resp: 899
Ion Ratio Lower Upper
168 100
99 42.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 30.077 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.012 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 65 Resp: 531
Ion Ratio Lower Upper
65 100
67 65.7 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: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-060424

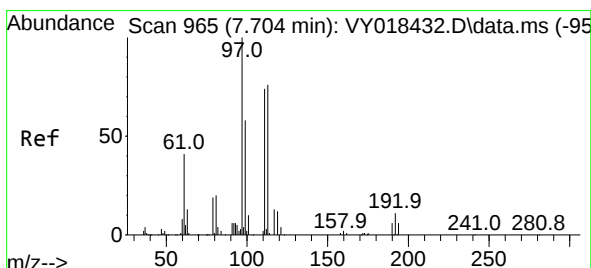
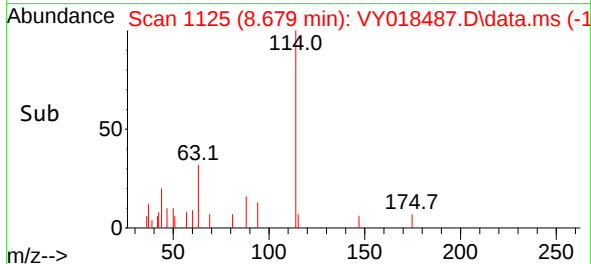
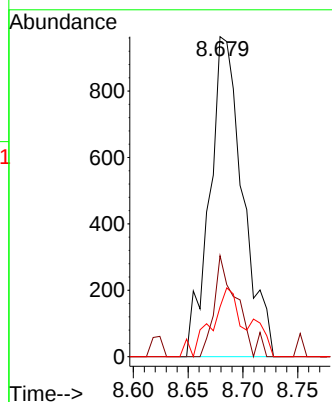
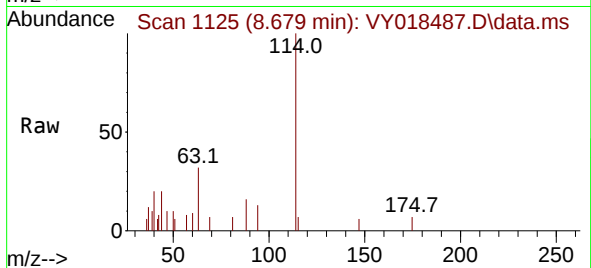
Tgt Ion:114 Resp: 2021

Ion Ratio Lower Upper

114 100

63 31.5 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 36.445 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

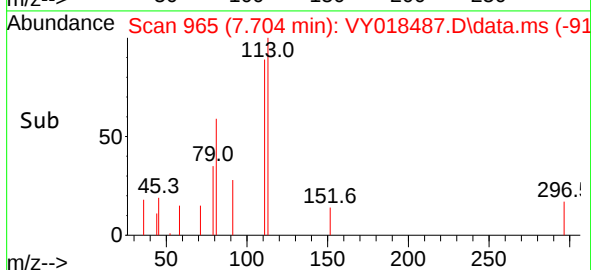
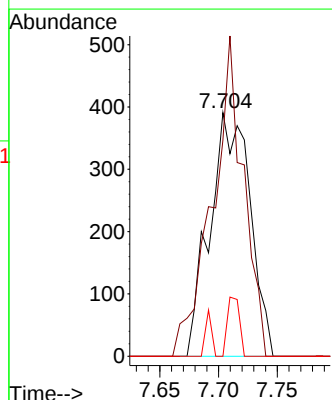
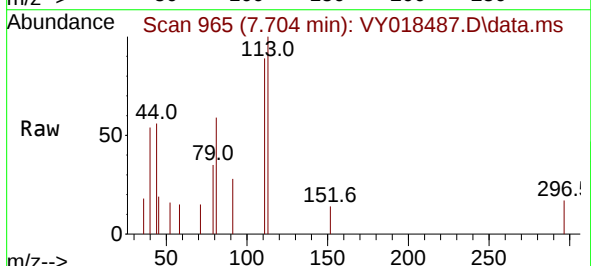
Tgt Ion:113 Resp: 934

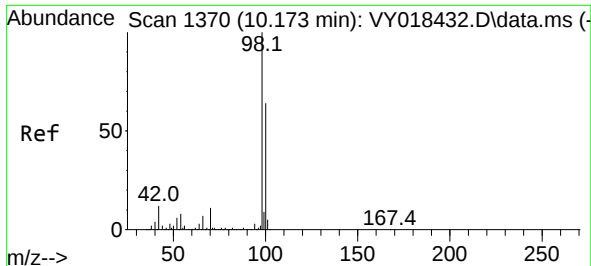
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 7.3 15.9 23.9#

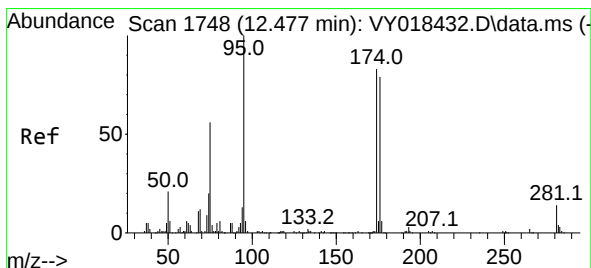
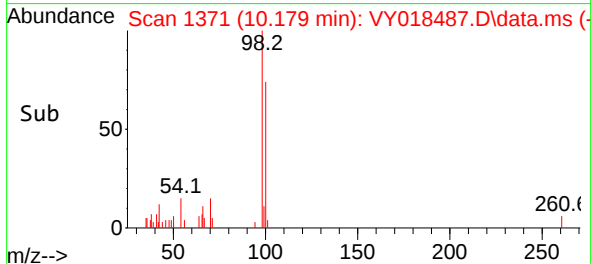
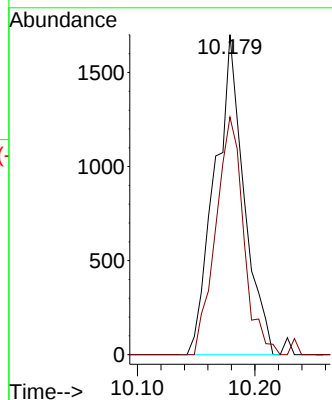
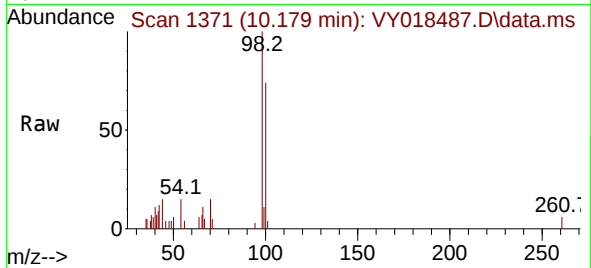




#50
Toluene-d8
Concen: 28.817 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

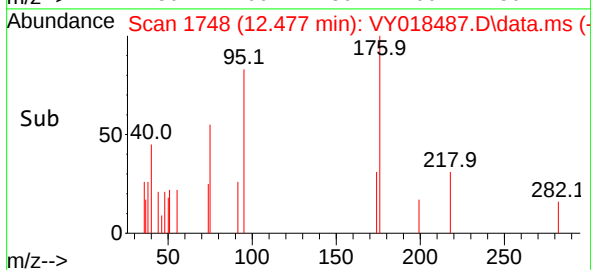
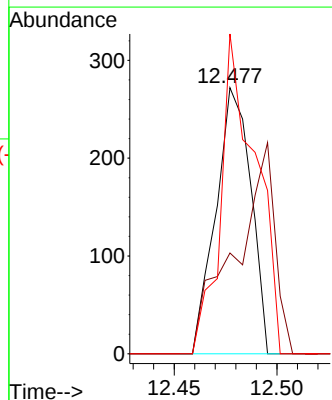
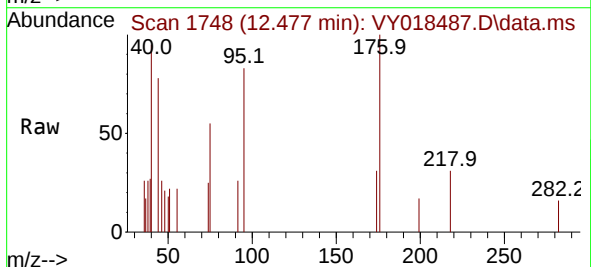
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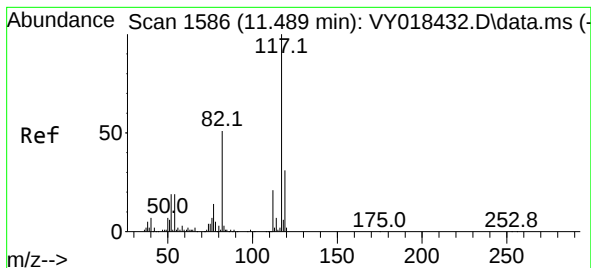
Tgt Ion: 98 Resp: 2938
Ion Ratio Lower Upper
98 100
100 70.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 10.175 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 95 Resp: 323
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 120.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

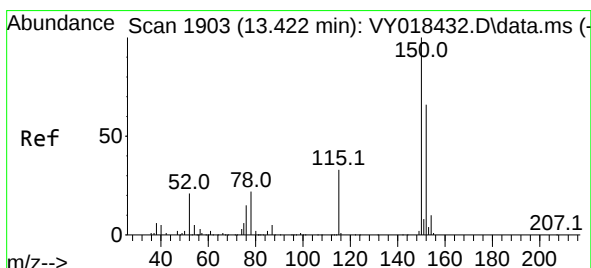
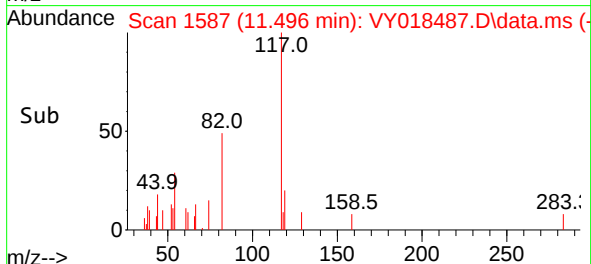
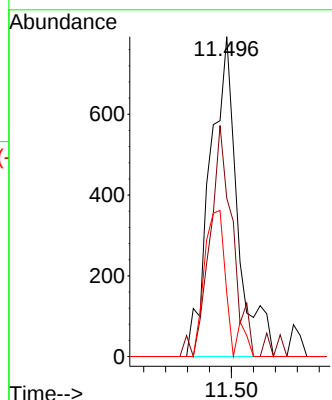
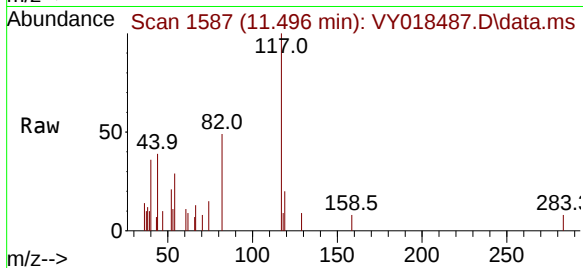
Instrument :

MSVOA_Y

ClientSampleId :

EO-01-060424

Tgt Ion:117	Resp:	1385
Ion	Ratio	Lower Upper
117	100	
82	49.5	42.4 63.6
119	19.8	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: VY018487.D

Acq: 05 Jun 2024 16:11

Tgt Ion:152	Resp:	100
Ion	Ratio	Lower Upper
152	100	
115	23.0	28.2 84.7#
150	135.0	0.0 345.6

