

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018496.D
 Acq On : 05 Jun 2024 19:52
 Operator : SY/MD
 Sample : P2668-07
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-TP-2

Quant Time: Jun 06 06:00:23 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	7.777	168	6403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	11693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	8124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5481	43.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.180%
35) Dibromofluoromethane	7.704	113	4539	30.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.220%
50) Toluene-d8	10.173	98	15859	26.885	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	53.780%#
62) 4-Bromofluorobenzene	12.477	95	3317	18.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.120%

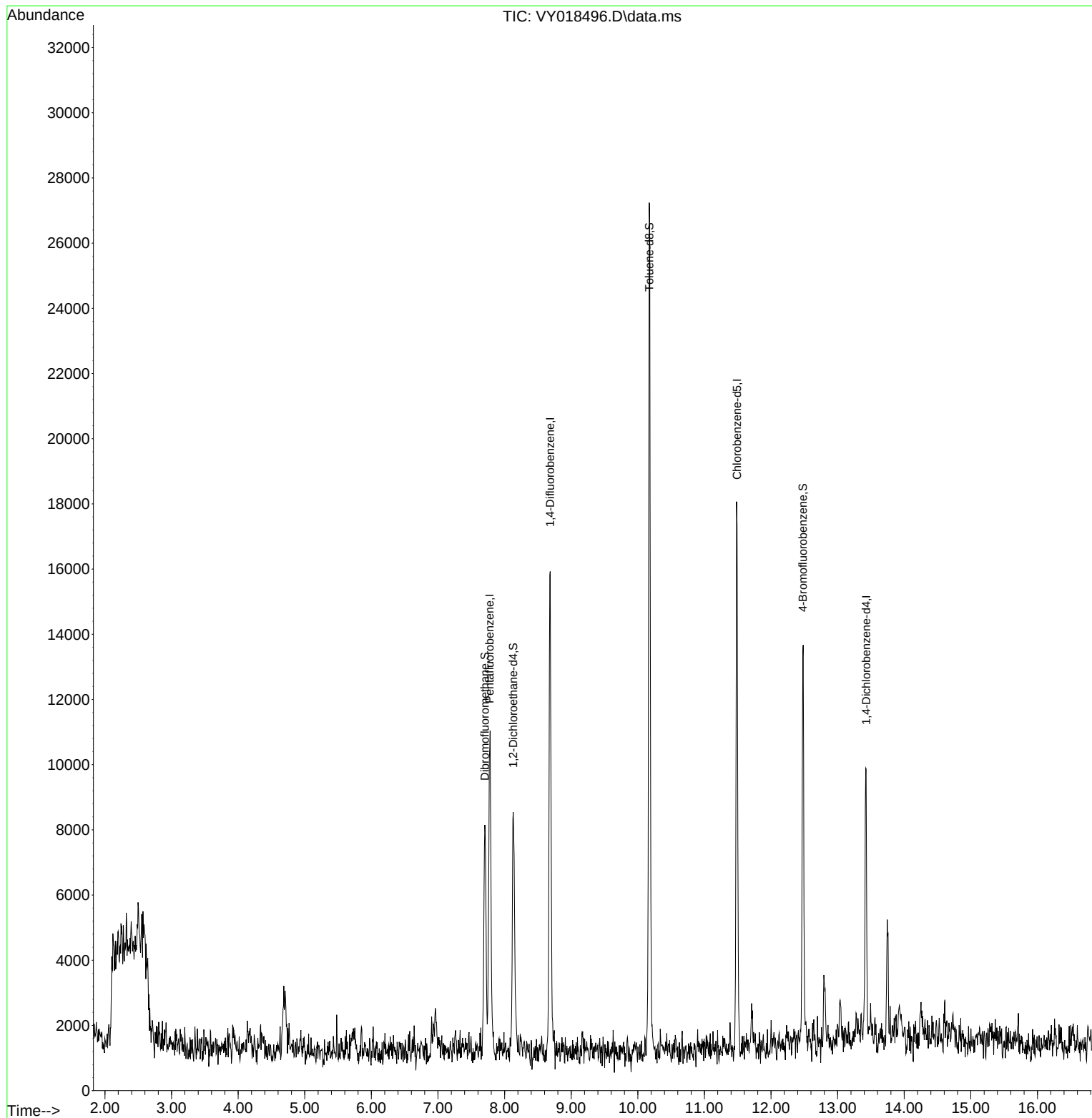
Target Compounds	Qvalue

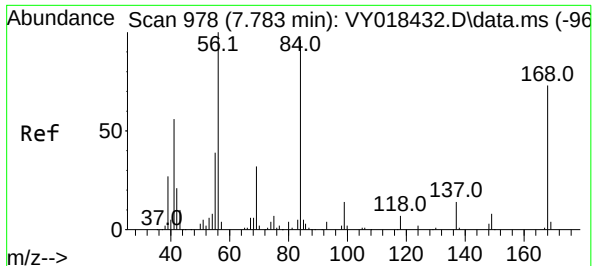
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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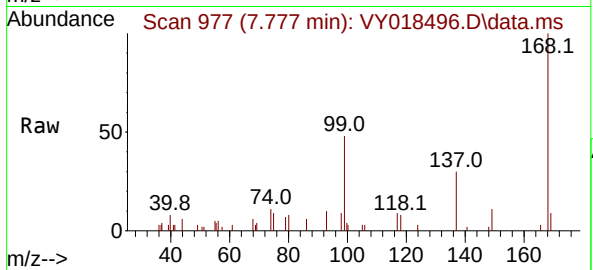
Quant Time: Jun 06 06:00:23 2024
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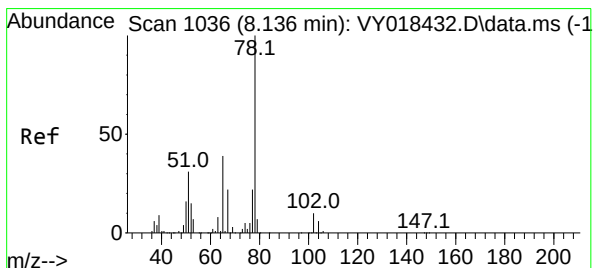
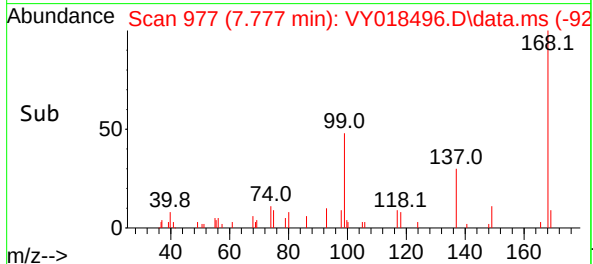
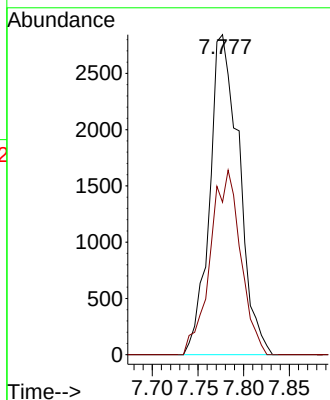


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018496.D
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MSVOA_Y
ClientSampleId :
VOC-TP-2

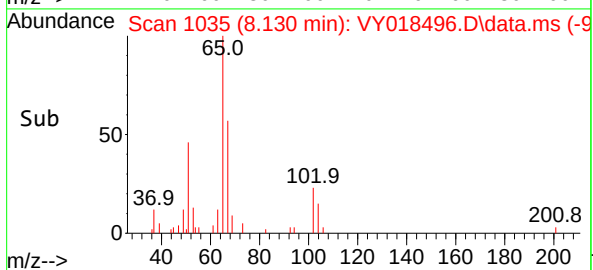
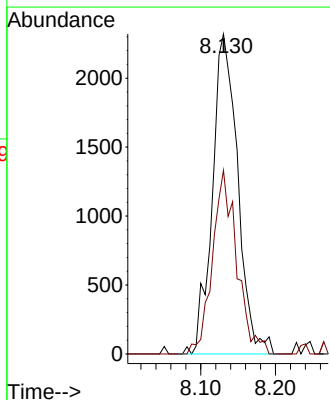
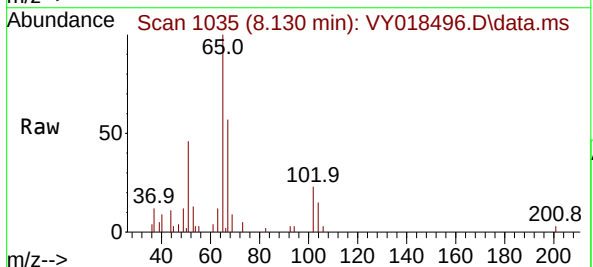


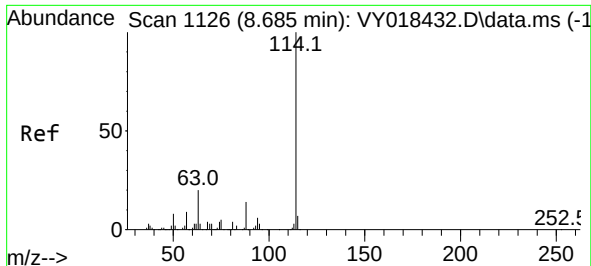
Tgt Ion:168 Resp: 6403
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.588 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018496.D
Acq: 05 Jun 2024 19:52

Tgt Ion: 65 Resp: 5481
Ion Ratio Lower Upper
65 100
67 55.1 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: VY018496.D

Acq: 05 Jun 2024 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VOC-TP-2

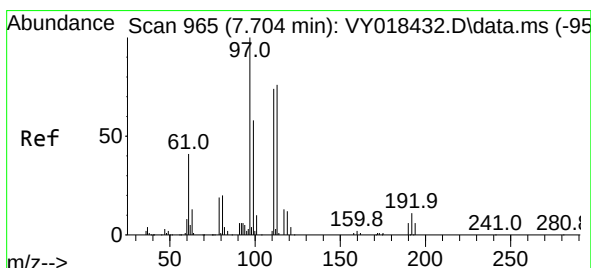
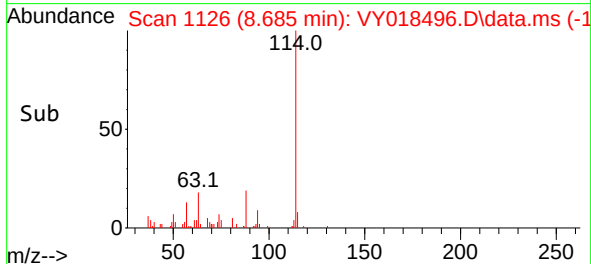
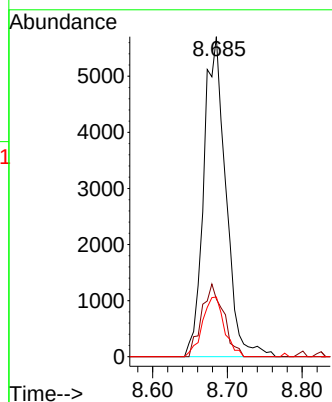
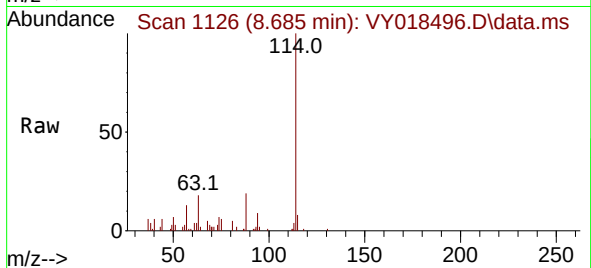
Tgt Ion:114 Resp: 11693

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 18.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 30.612 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018496.D

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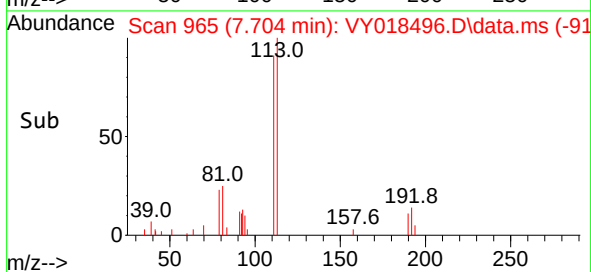
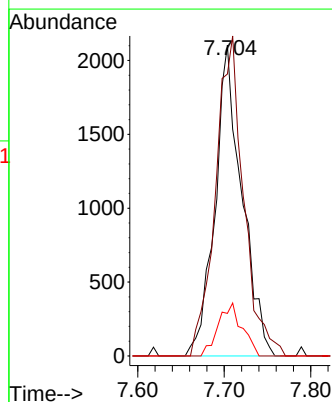
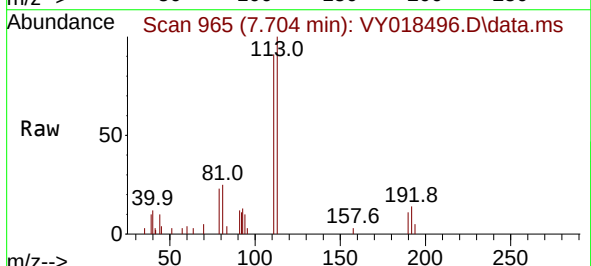
Tgt Ion:113 Resp: 4539

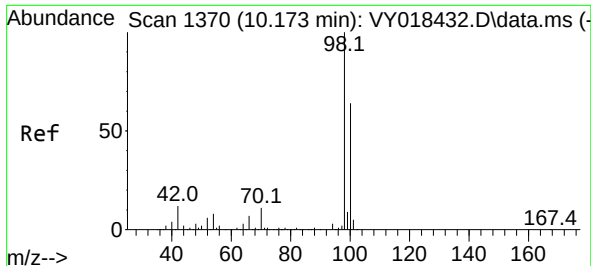
Ion Ratio Lower Upper

113 100

111 107.1 82.2 123.4

192 15.0 15.9 23.9#

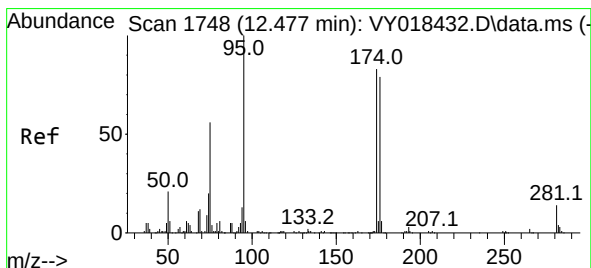
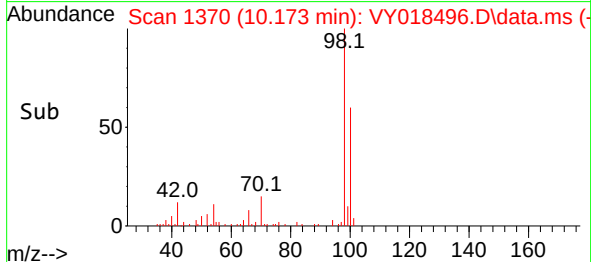
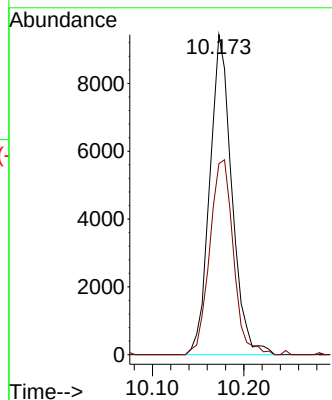
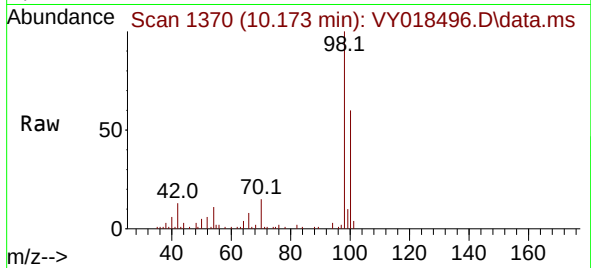




#50
Toluene-d8
Concen: 26.885 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018496.D
Acq: 05 Jun 2024 19:52

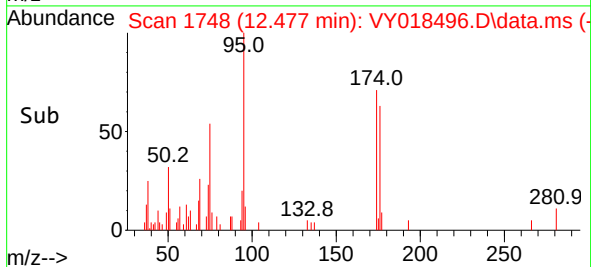
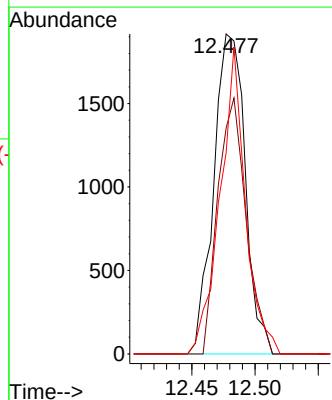
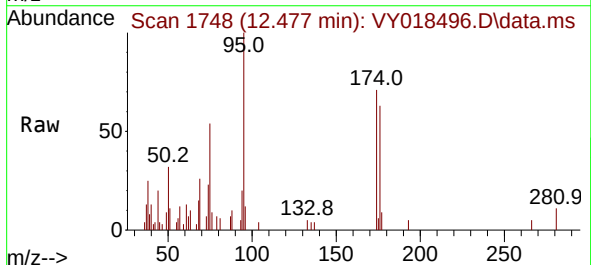
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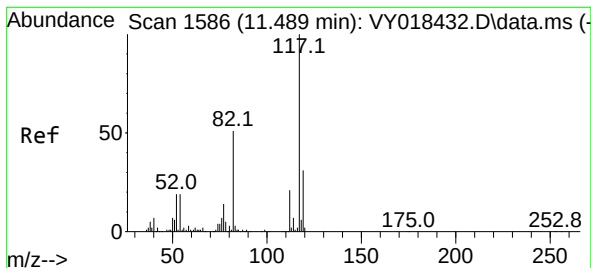
Tgt Ion: 98 Resp: 15859
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 18.060 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018496.D
Acq: 05 Jun 2024 19:52

Tgt Ion: 95 Resp: 3317
Ion Ratio Lower Upper
95 100
174 72.0 0.0 175.6
176 77.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018496.D

Acq: 05 Jun 2024 19:52

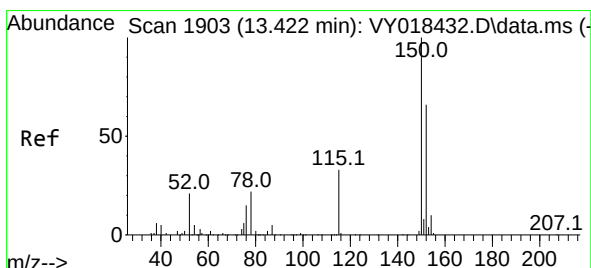
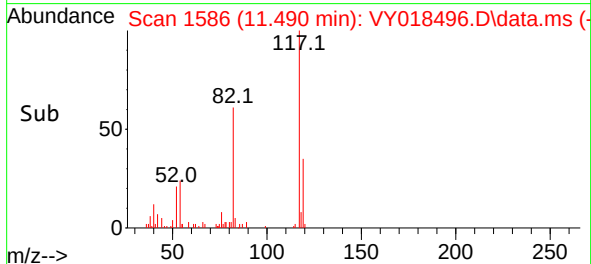
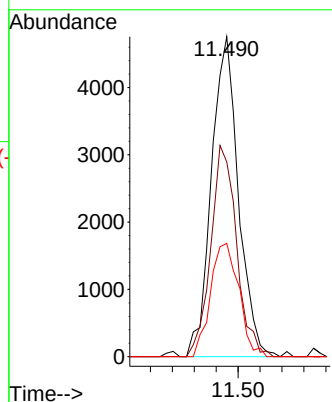
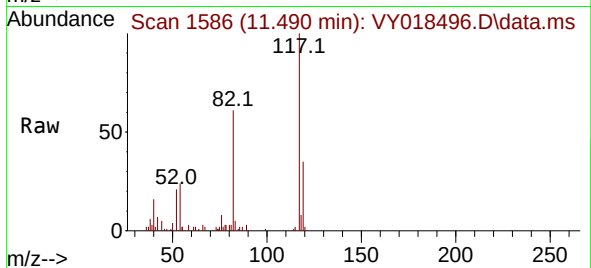
Instrument :

MSVOA_Y

ClientSampleId :

VOC-TP-2

Tgt Ion:117	Resp:	8124
Ion	Ratio	Lower Upper
117	100	
82	60.9	42.4 63.6
119	35.4	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: VY018496.D

Acq: 05 Jun 2024 19:52

Tgt Ion:152	Resp:	2043
Ion	Ratio	Lower Upper
152	100	
115	61.0	28.2 84.7
150	145.6	0.0 345.6

