

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018464.D
 Acq On : 04 Jun 2024 15:16
 Operator : SY/MD
 Sample : P2666-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jun 05 01:26:06 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	1543	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	2941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	2074	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	310	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1784	58.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.740%
35) Dibromofluoromethane	7.704	113	1610	43.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.340%
50) Toluene-d8	10.173	98	4941	33.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	66.600%
62) 4-Bromofluorobenzene	12.477	95	792	17.145	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.300%

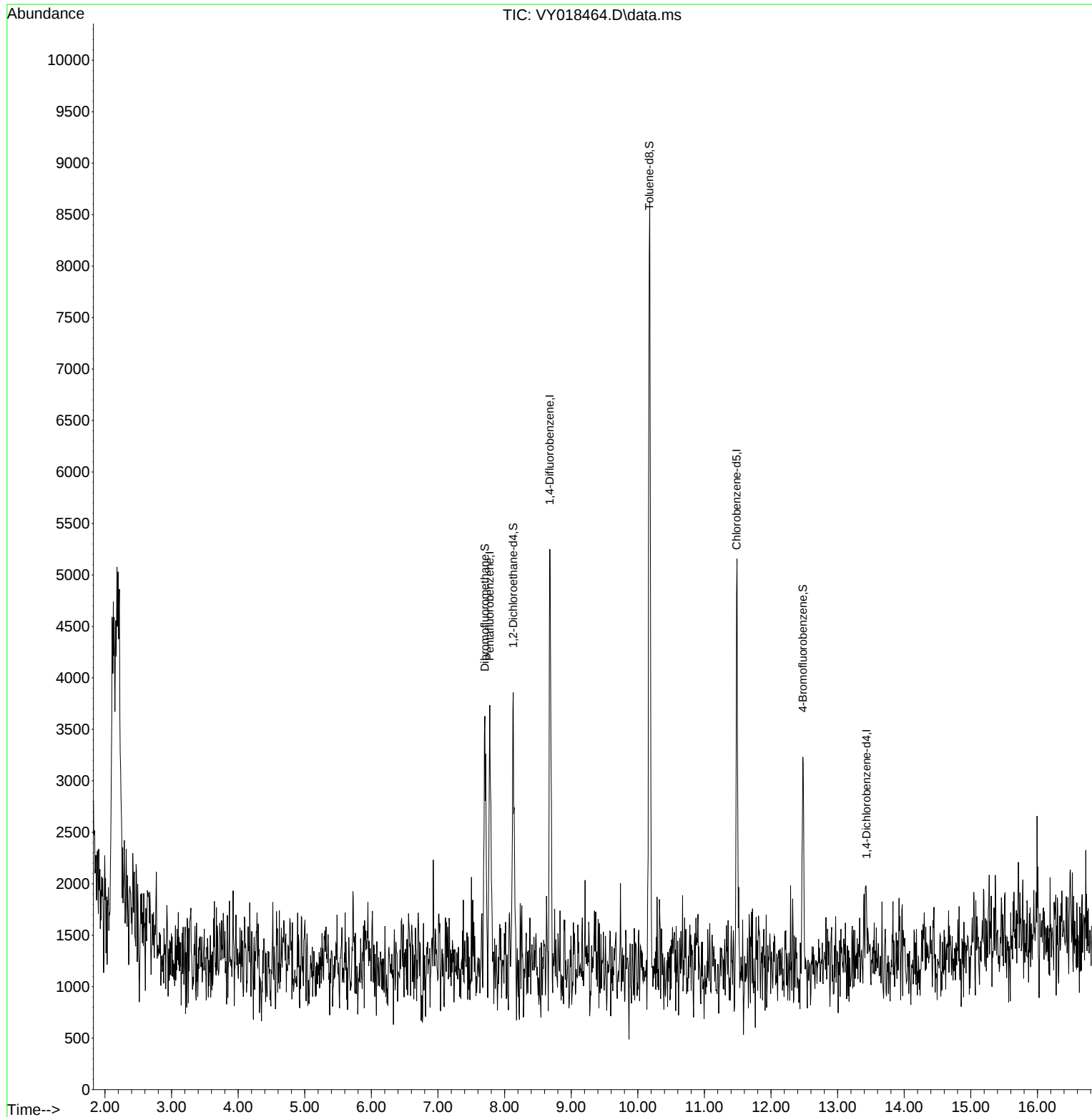
Target Compounds	Qvalue

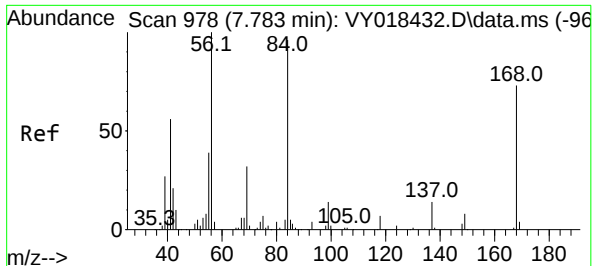
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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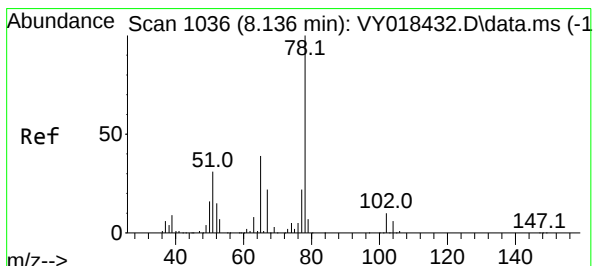
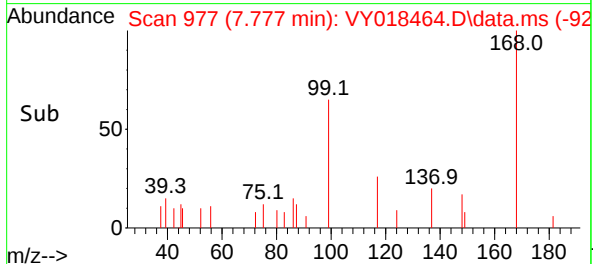
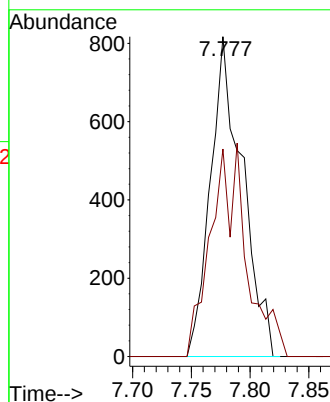
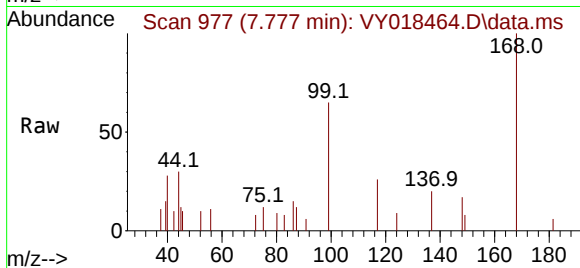




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018464.D
Acq: 04 Jun 2024 15:16

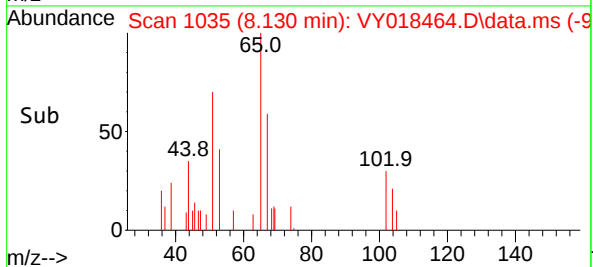
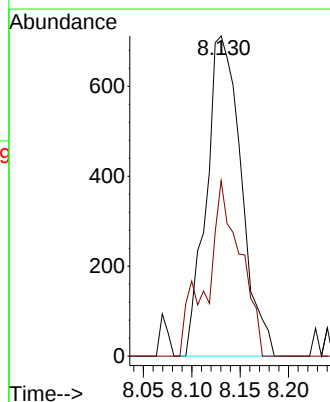
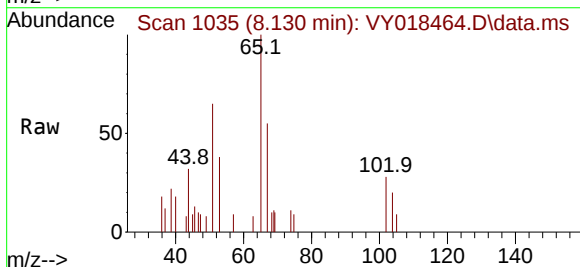
Instrument :
MSVOA_Y
ClientSampleId :
VOC

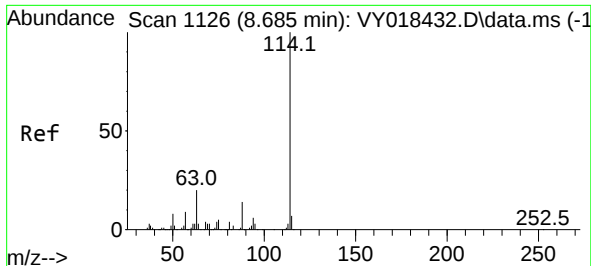
Tgt Ion:168 Resp: 1543
Ion Ratio Lower Upper
168 100
99 64.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.874 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018464.D
Acq: 04 Jun 2024 15:16

Tgt Ion: 65 Resp: 1784
Ion Ratio Lower Upper
65 100
67 44.8 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: VY018464.D

Acq: 04 Jun 2024 15:16

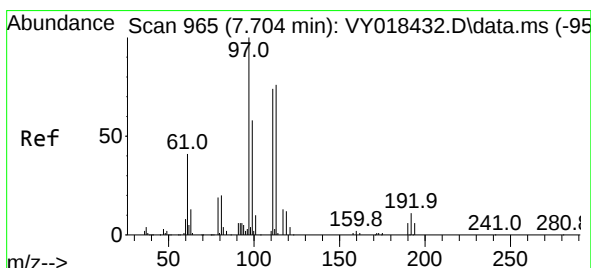
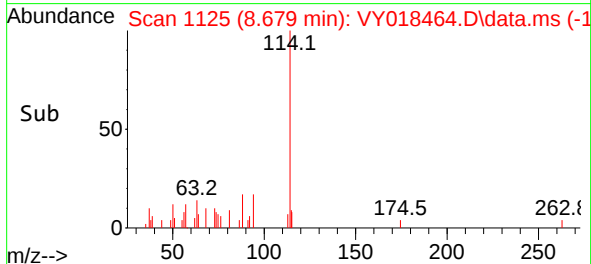
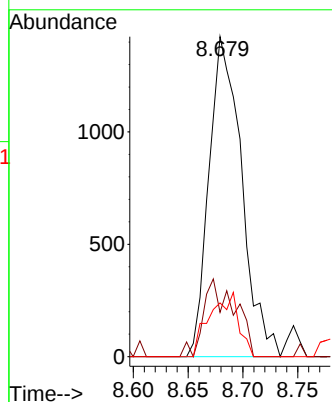
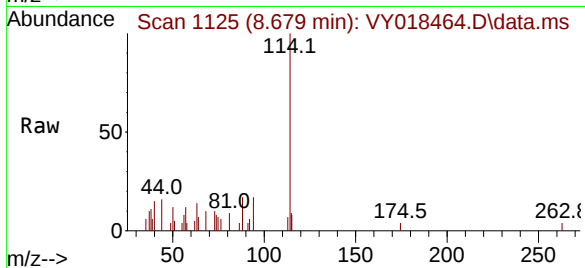
Instrument :

MSVOA_Y

ClientSampleId :

VOC

Tgt Ion:114	Resp:	2941
Ion	Ratio	Lower Upper
114	100	
63	13.8	0.0 35.0
88	16.8	0.0 27.2



#35

Dibromofluoromethane

Concen: 43.171 ug/l

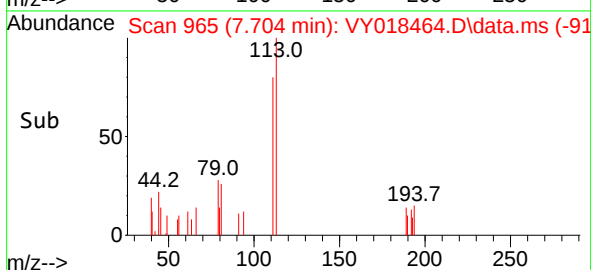
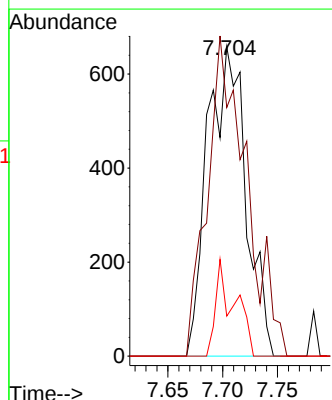
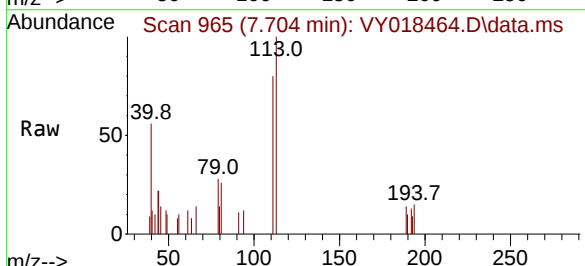
RT: 7.704 min Scan# 965

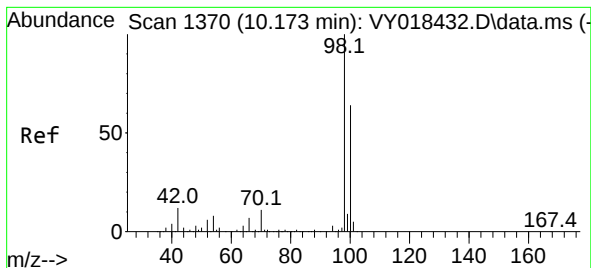
Delta R.T. 0.000 min

Lab File: VY018464.D

Acq: 04 Jun 2024 15:16

Tgt Ion:113	Resp:	1610
Ion	Ratio	Lower Upper
113	100	
111	104.1	82.2 123.4
192	15.3	15.9 23.9





#50

Toluene-d8

Concen: 33.303 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018464.D

Acq: 04 Jun 2024 15:16

Instrument :

MSVOA_Y

ClientSampleId :

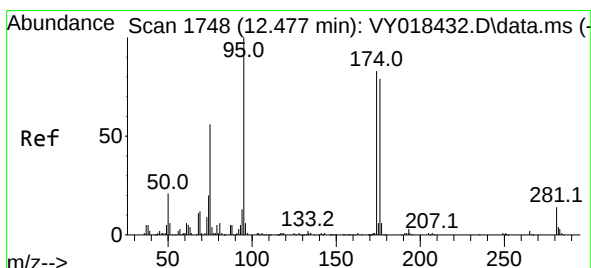
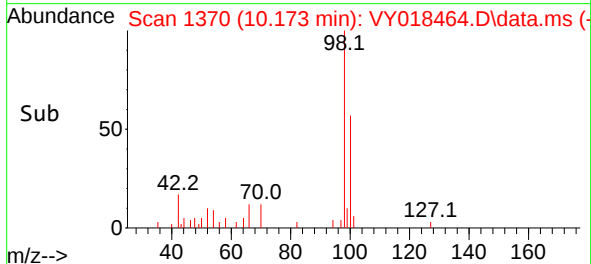
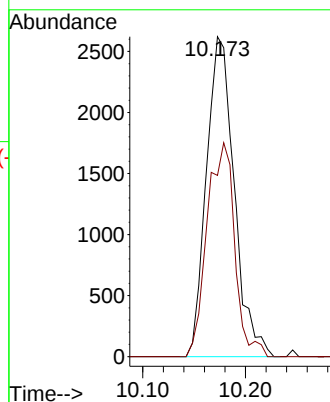
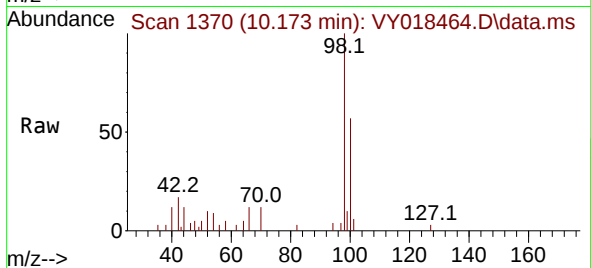
VOC

Tgt Ion: 98 Resp: 4941

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 17.145 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018464.D

Acq: 04 Jun 2024 15:16

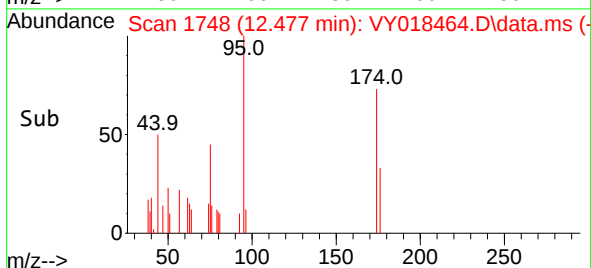
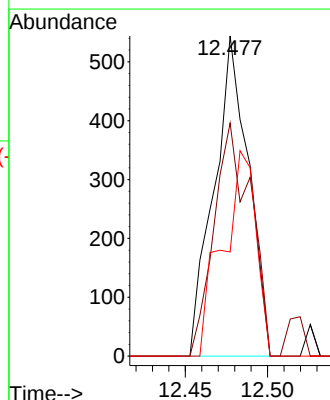
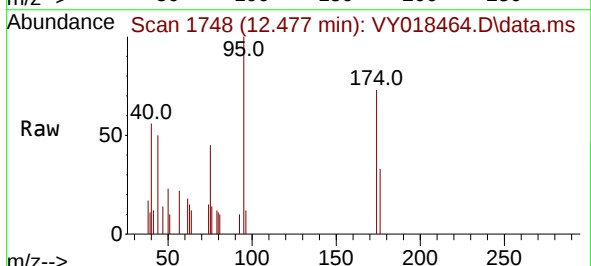
Tgt Ion: 95 Resp: 792

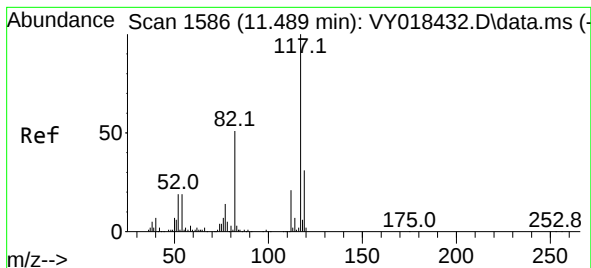
Ion Ratio Lower Upper

95 100

174 77.4 0.0 175.6

176 62.1 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: VY018464.D

Acq: 04 Jun 2024 15:16

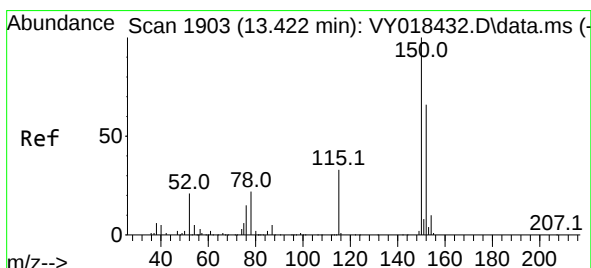
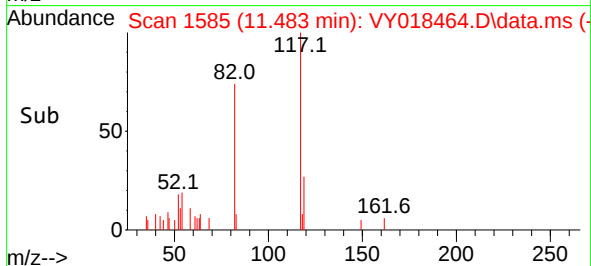
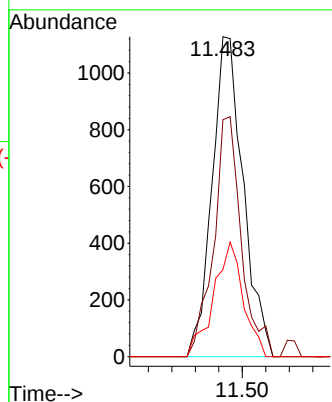
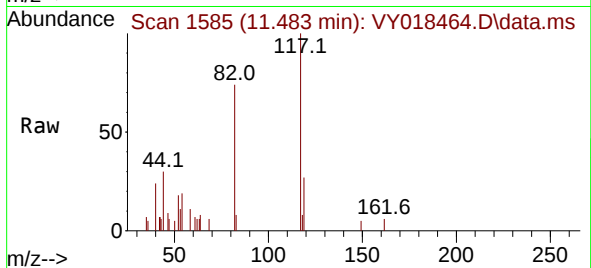
Instrument :

MSVOA_Y

ClientSampleId :

VOC

Tgt Ion:117	Resp:	2074
Ion	Ratio	Lower Upper
117	100	
82	74.0	42.4 63.6#
119	27.2	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY018464.D

Acq: 04 Jun 2024 15:16

Tgt Ion:152	Resp:	310
Ion	Ratio	Lower Upper
152	100	
115	38.7	28.2 84.7
150	159.0	0.0 345.6

