

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014435.D
 Acq On : 26 Jun 2023 15:40
 Operator : KP/MD
 Sample : 03402-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4-0623

Quant Time: Jun 27 01:48:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

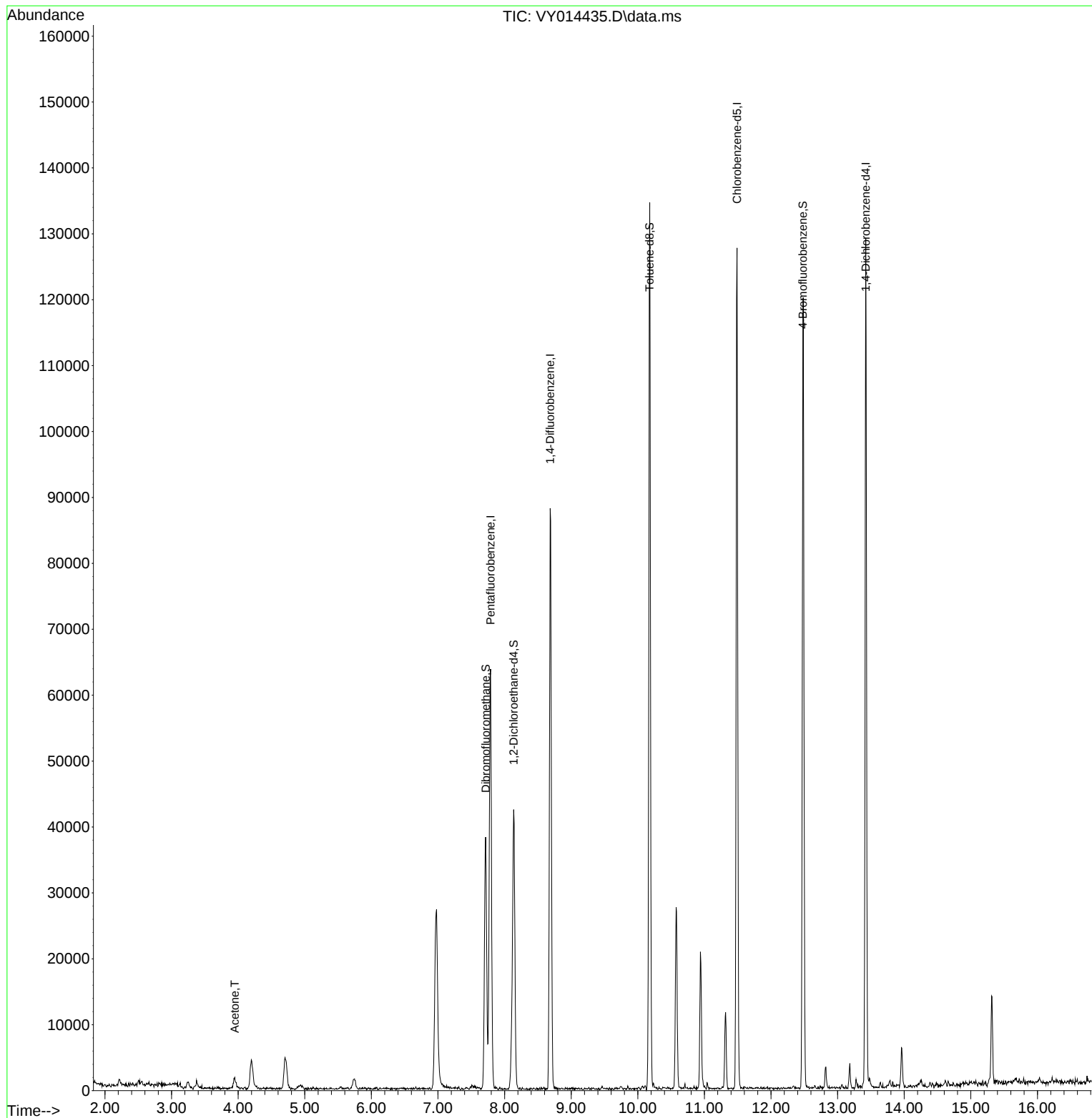
Internal Standards						
1) Pentafluorobenzene	7.789	168	51670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	76044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	71017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	34356	53.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.100%	
35) Dibromofluoromethane	7.716	113	24682	52.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.179	98	88870	47.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.180%	
62) 4-Bromofluorobenzene	12.477	95	27064	40.592	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.180%	
Target Compounds						
16) Acetone	3.948	43	3037	15.045	ug/l	Qvalue # 87

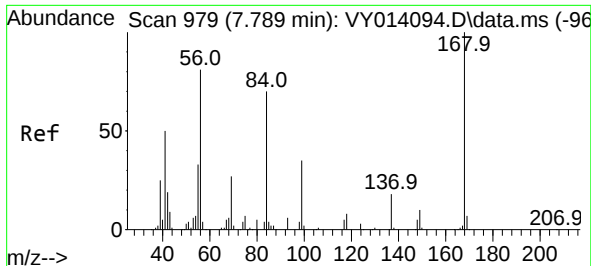
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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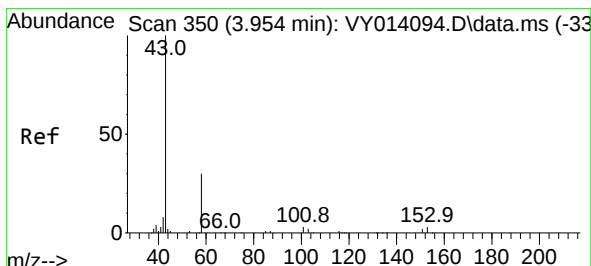
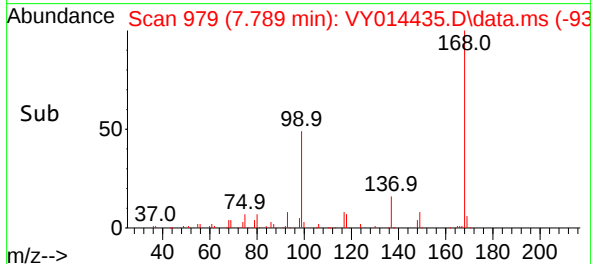
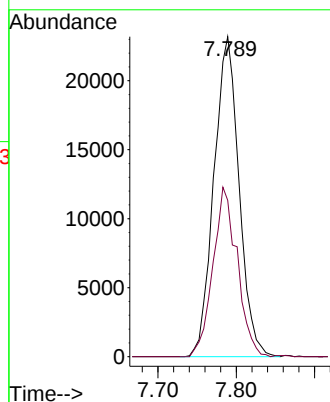
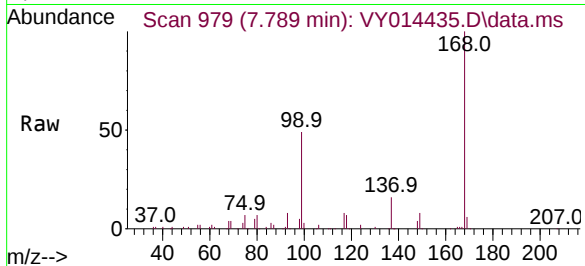




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014435.D
Acq: 26 Jun 2023 15:40

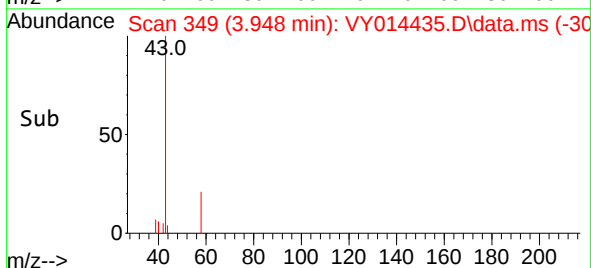
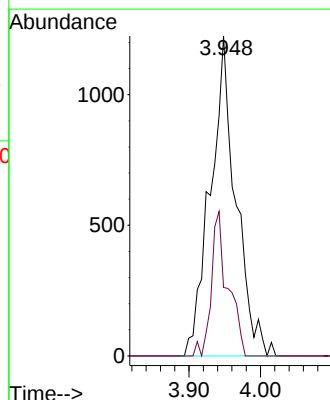
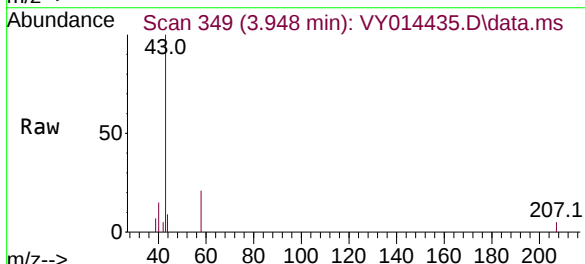
Instrument :
MSVOA_Y
ClientSampleId :
TP4-0623

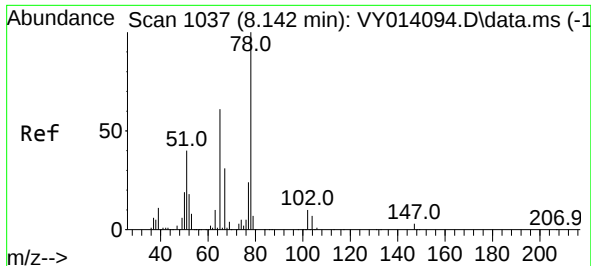
Tgt Ion:168 Resp: 51670
Ion Ratio Lower Upper
168 100
99 48.9 43.4 65.0



#16
Acetone
Concen: 15.045 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014435.D
Acq: 26 Jun 2023 15:40

Tgt Ion: 43 Resp: 3037
Ion Ratio Lower Upper
43 100
58 21.4 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 53.553 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014435.D

Acq: 26 Jun 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

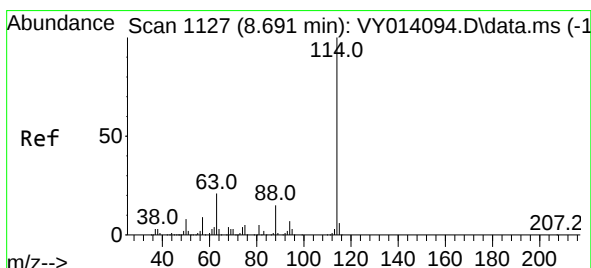
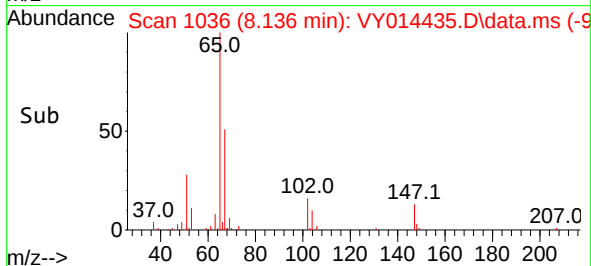
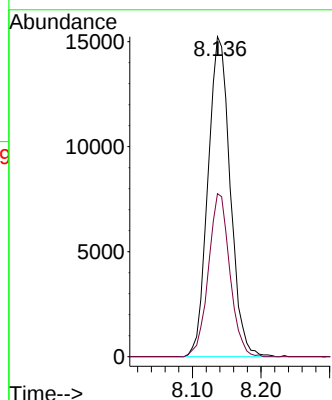
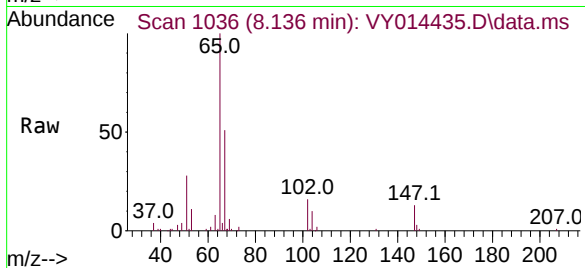
TP4-0623

Tgt Ion: 65 Resp: 34356

Ion Ratio Lower Upper

65 100

67 48.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014435.D

Acq: 26 Jun 2023 15:40

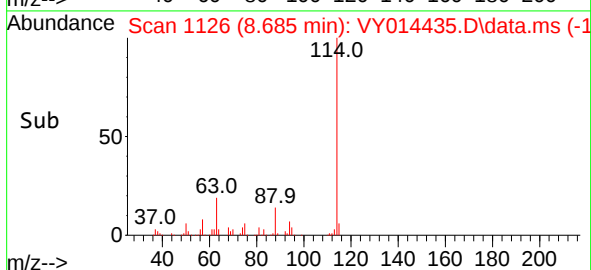
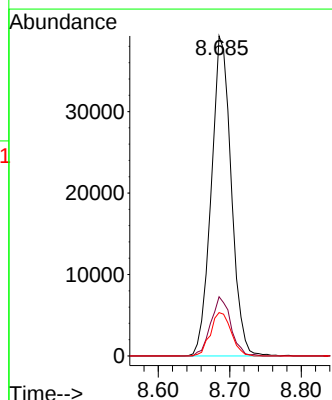
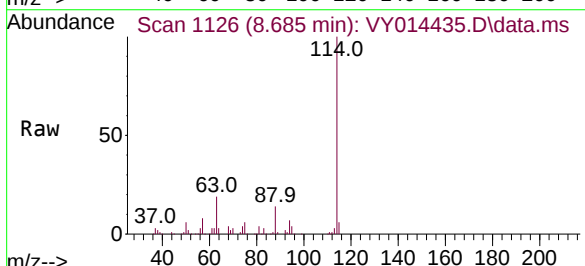
Tgt Ion: 114 Resp: 76044

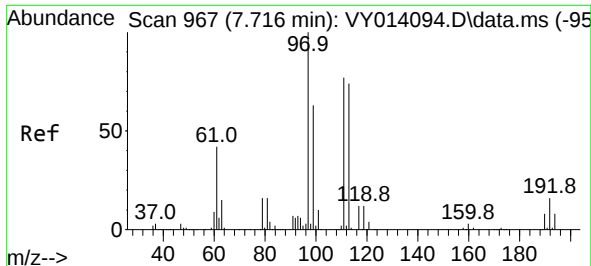
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 13.6 0.0 30.6

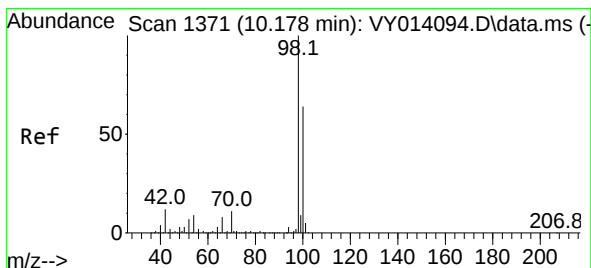
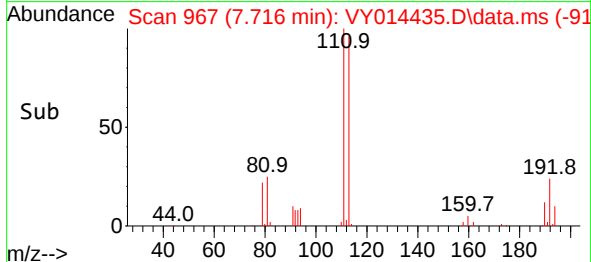
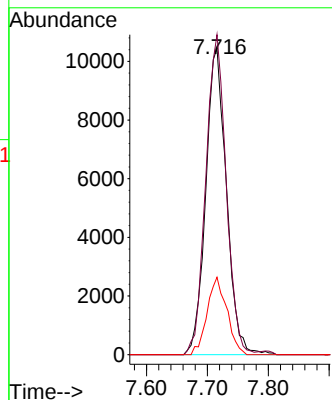
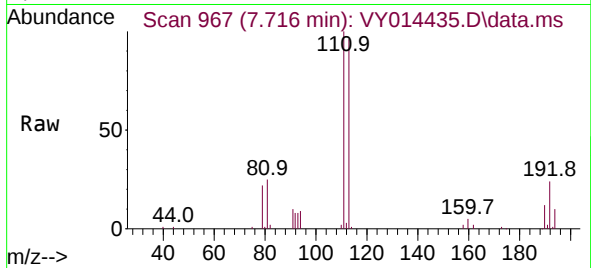




#35
Dibromofluoromethane
Concen: 52.535 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014435.D
Acq: 26 Jun 2023 15:40

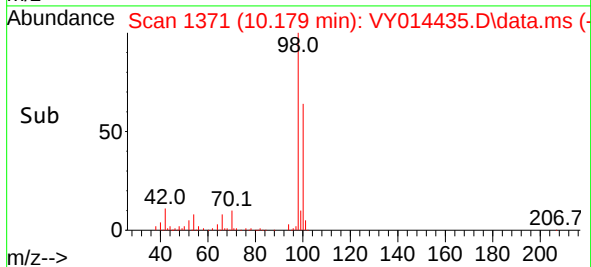
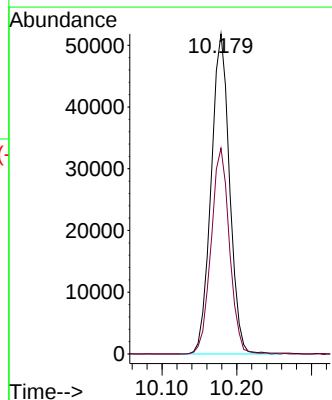
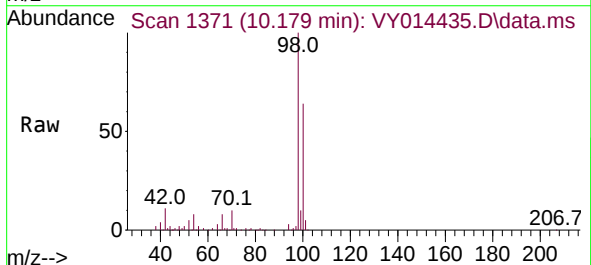
Instrument :
MSVOA_Y
ClientSampleId :
TP4-0623

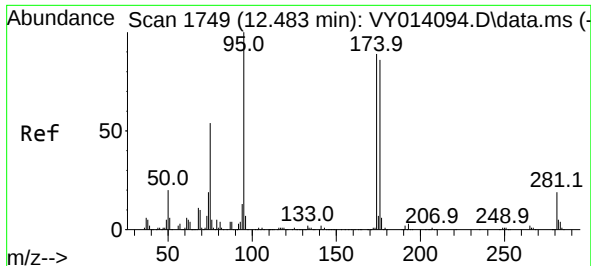
Tgt Ion:113 Resp: 24682
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 24.2 16.9 25.3



#50
Toluene-d8
Concen: 47.586 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014435.D
Acq: 26 Jun 2023 15:40

Tgt Ion: 98 Resp: 88870
Ion Ratio Lower Upper
98 100
100 63.9 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 40.592 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014435.D

Acq: 26 Jun 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

TP4-0623

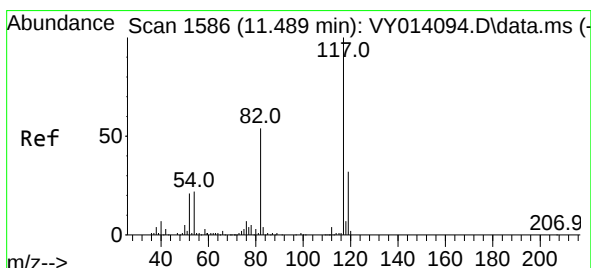
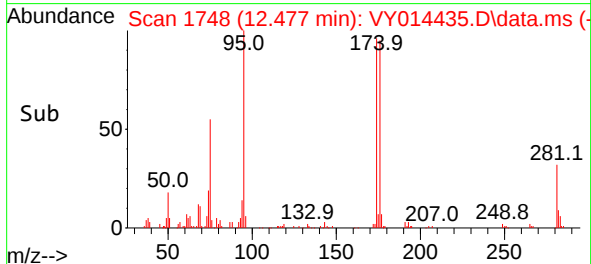
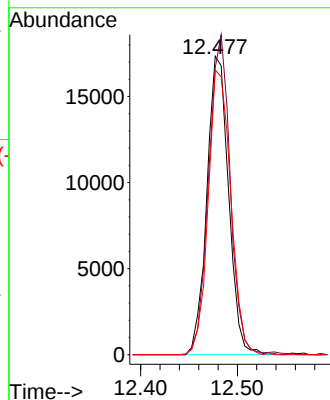
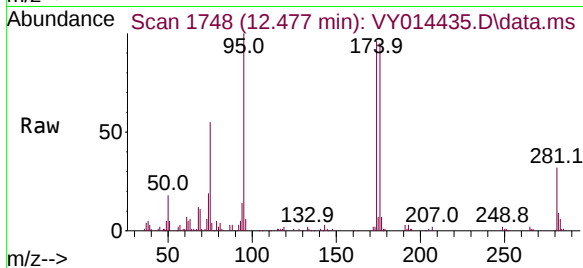
Tgt Ion: 95 Resp: 27064

Ion Ratio Lower Upper

95 100

174 106.9 0.0 178.2

176 99.3 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY014435.D

Acq: 26 Jun 2023 15:40

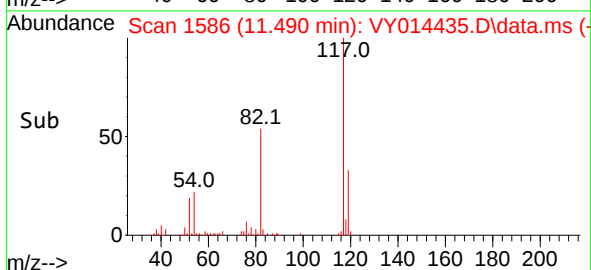
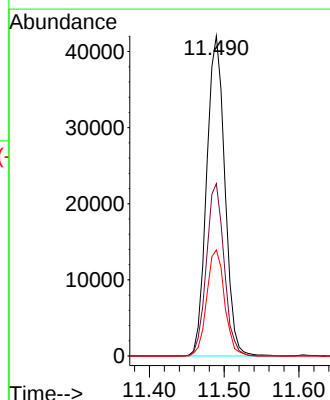
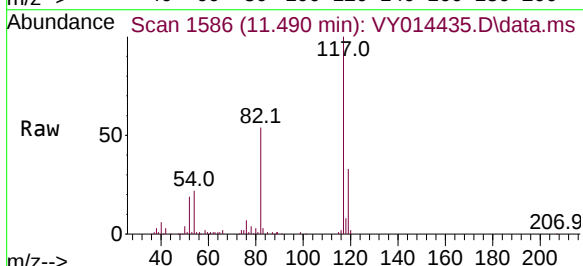
Tgt Ion: 117 Resp: 71017

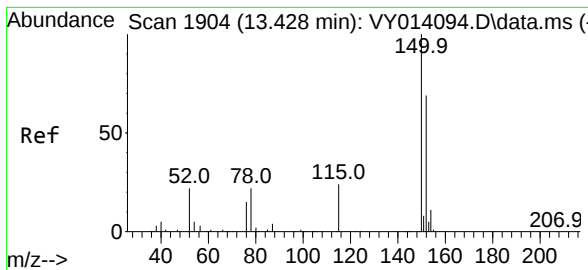
Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 33.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014435.D
 Acq: 26 Jun 2023 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4-0623

Tgt Ion:	152	Resp:	33787
Ion	Ratio	Lower	Upper
152	100		
115	53.5	28.8	86.5
150	156.8	0.0	348.8

