

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013284.D
 Acq On : 13 Apr 2023 10:35
 Operator : KP/MD
 Sample : VY0413SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBL01

Quant Time: Apr 14 02:57:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	220422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	363963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150847	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	154643	58.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.760%
35) Dibromofluoromethane	7.716	113	129850	55.108	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.220%
50) Toluene-d8	10.179	98	457333	52.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.477	95	141586	49.686	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.380%

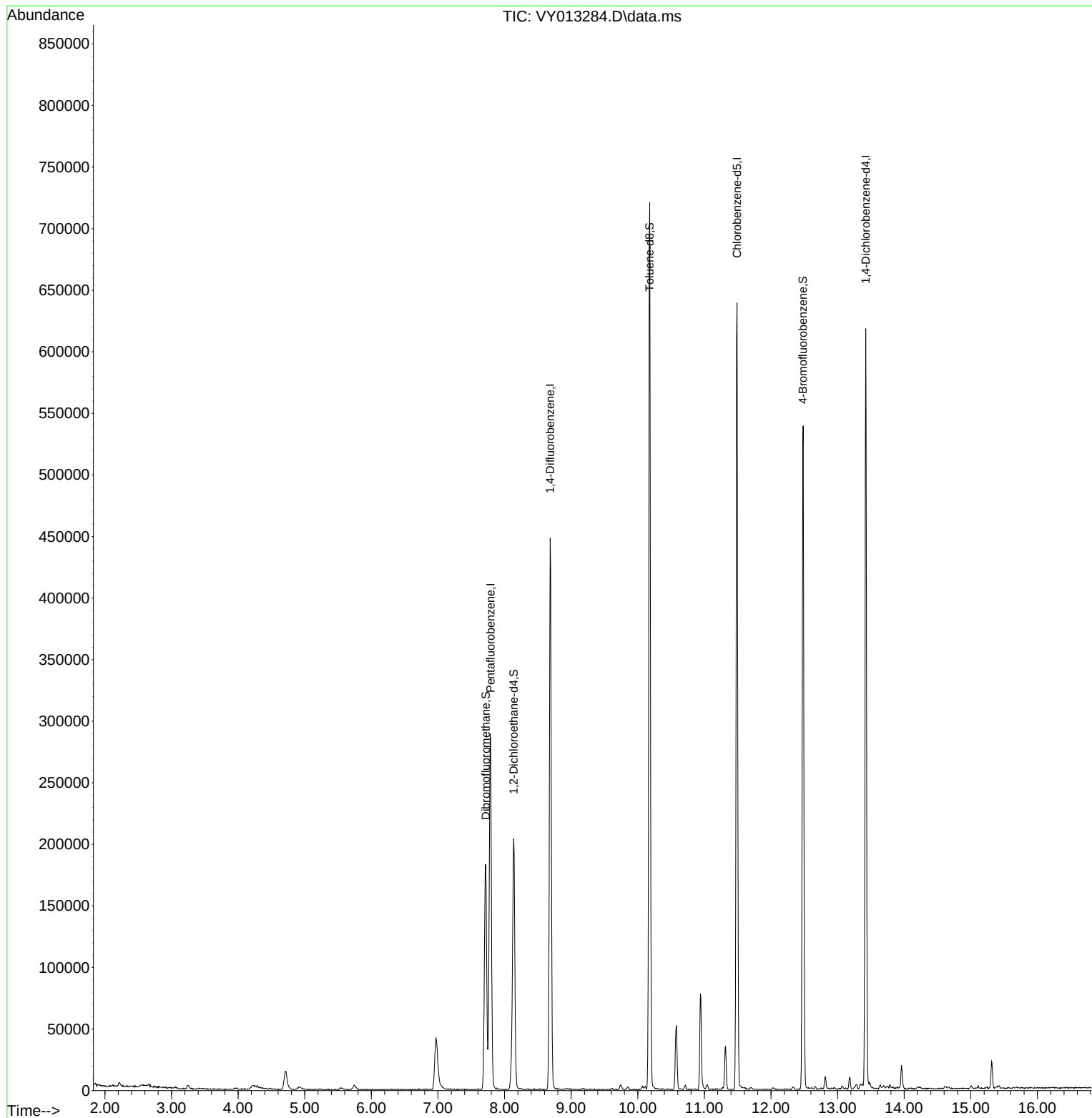
Target Compounds	Qvalue

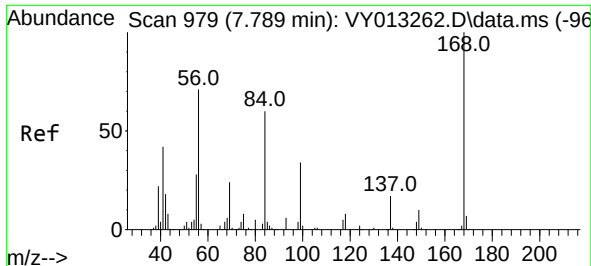
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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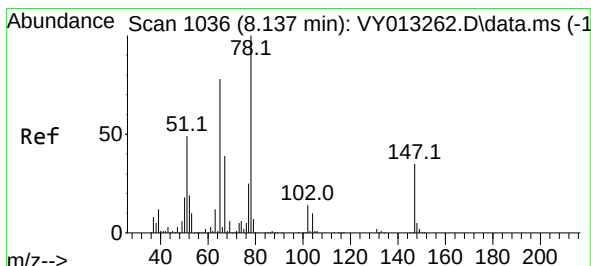
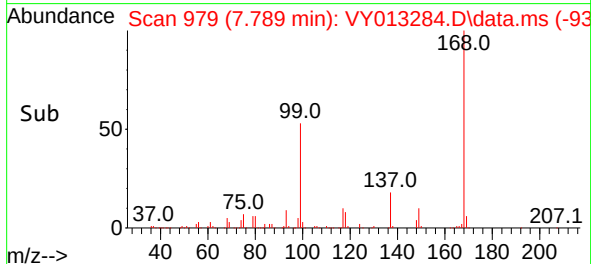
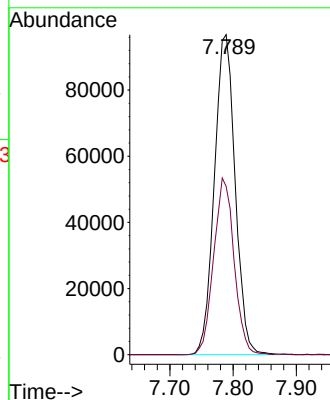
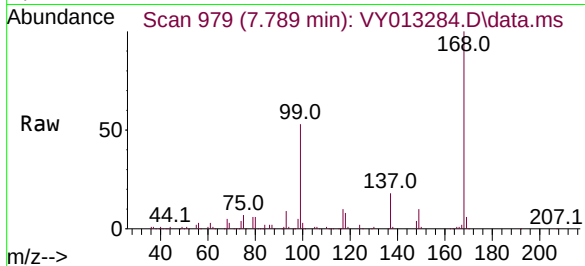




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

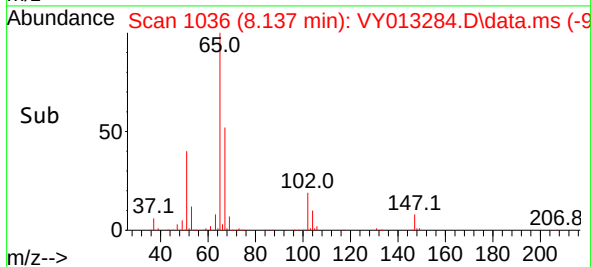
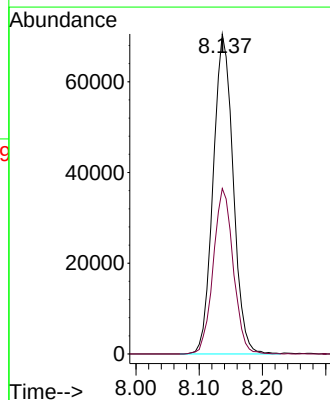
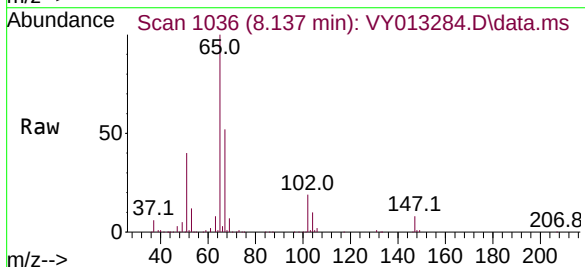
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

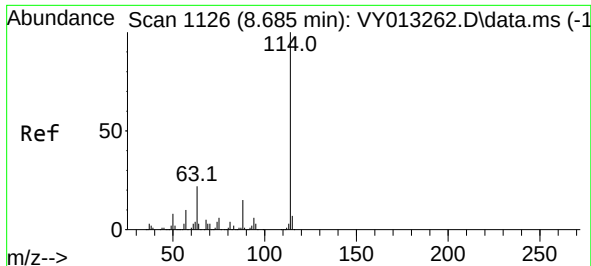
Tgt Ion:168 Resp: 220422
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 58.379 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 65 Resp: 154643
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

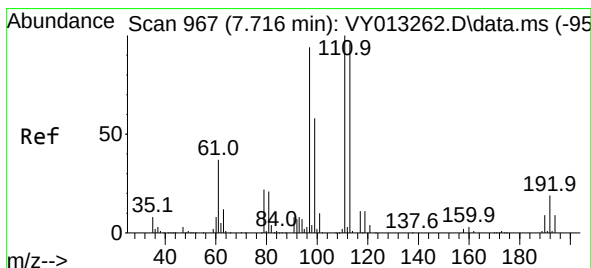
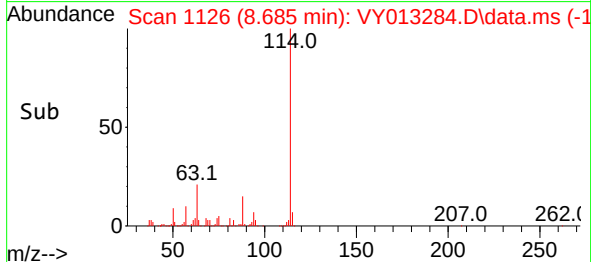
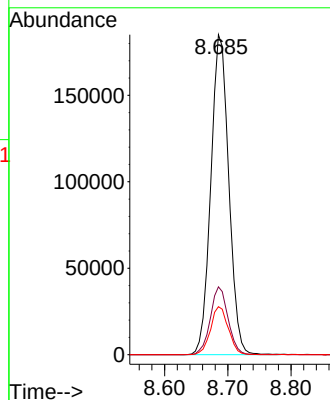
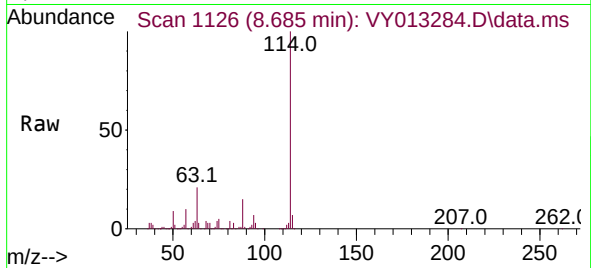




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

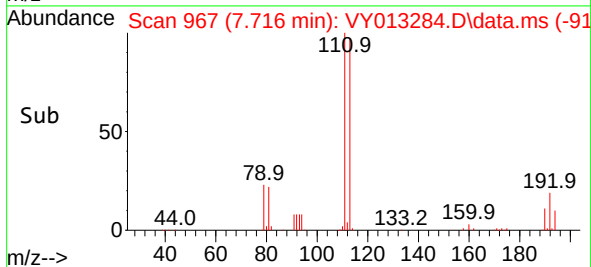
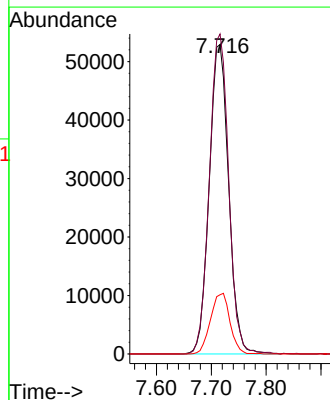
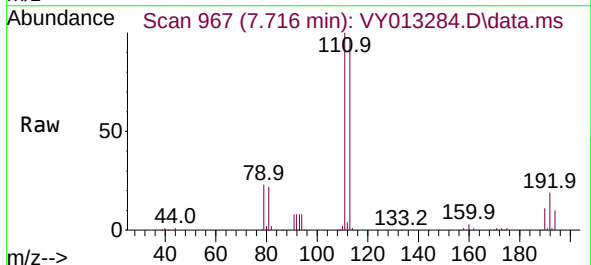
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

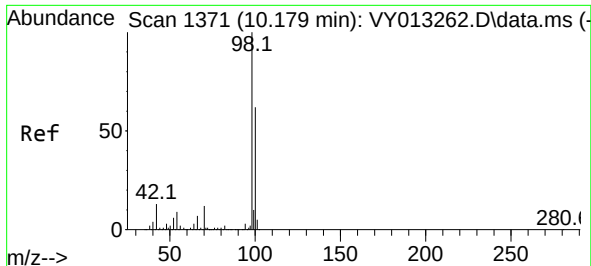
Tgt Ion:114 Resp: 363963
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 15.0 0.0 28.6



#35
Dibromofluoromethane
Concen: 55.108 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

Tgt Ion:113 Resp: 129850
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.6 16.8 25.2

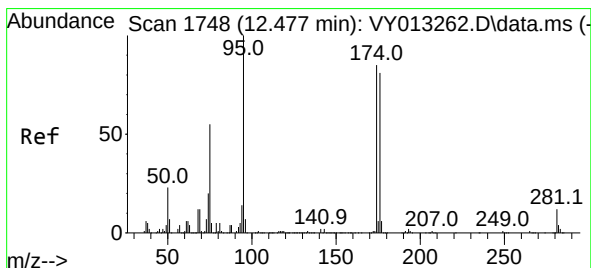
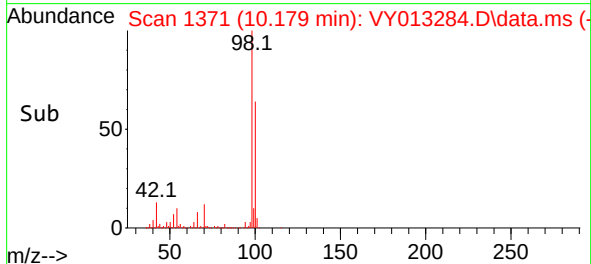
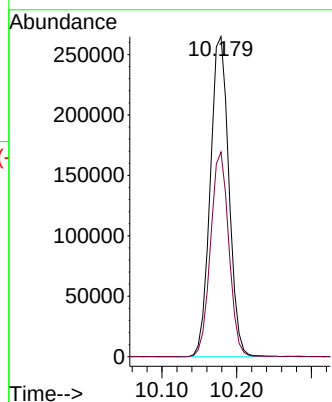
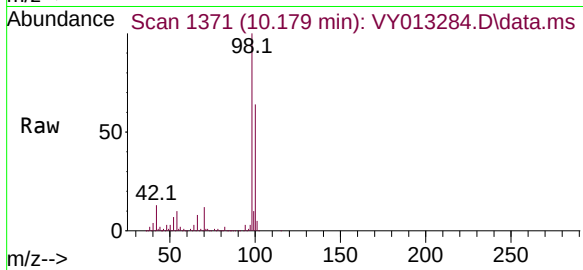




#50
Toluene-d8
Concen: 52.145 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

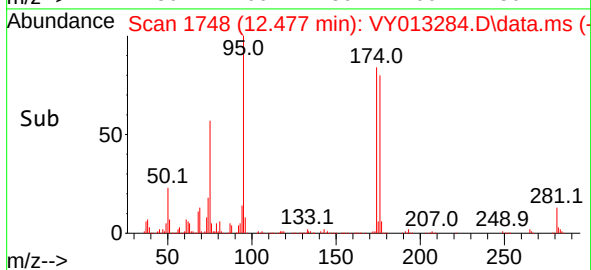
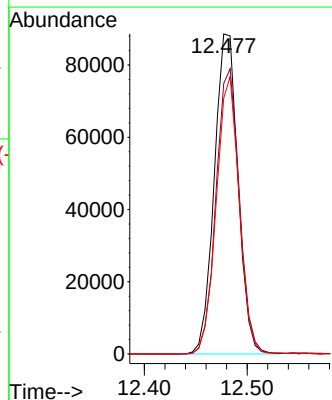
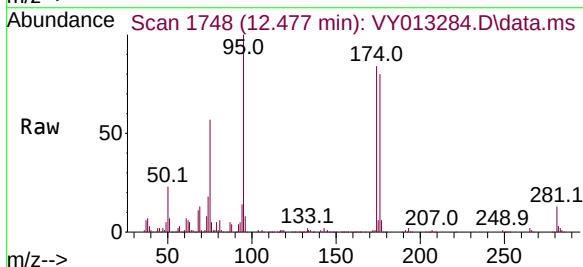
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBL01

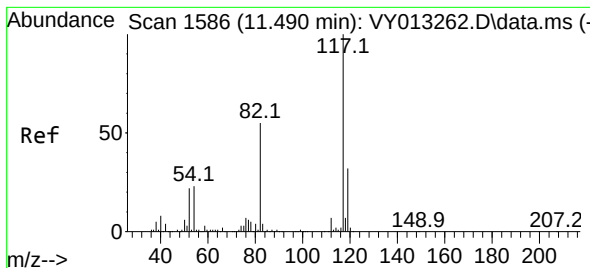
Tgt Ion: 98 Resp: 457333
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.686 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013284.D
Acq: 13 Apr 2023 10:35

Tgt Ion: 95 Resp: 141586
Ion Ratio Lower Upper
95 100
174 88.0 0.0 176.6
176 83.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013284.D

Acq: 13 Apr 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBL01

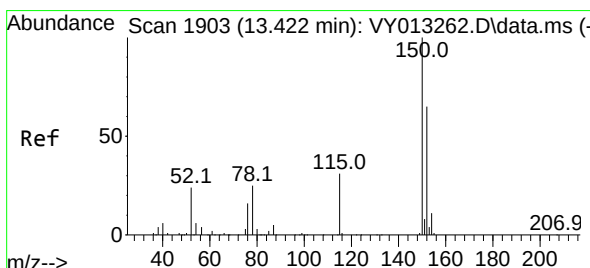
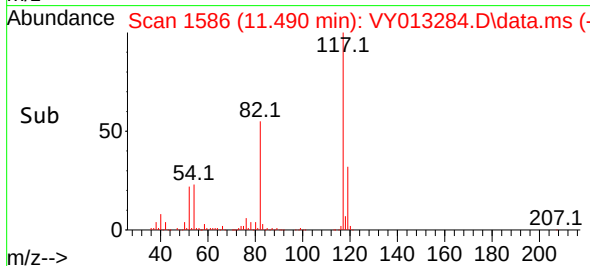
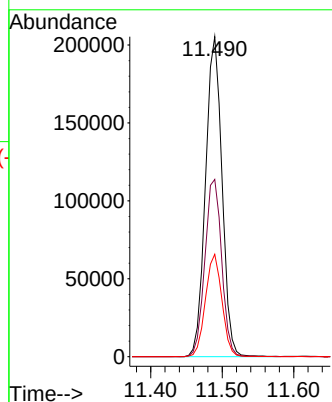
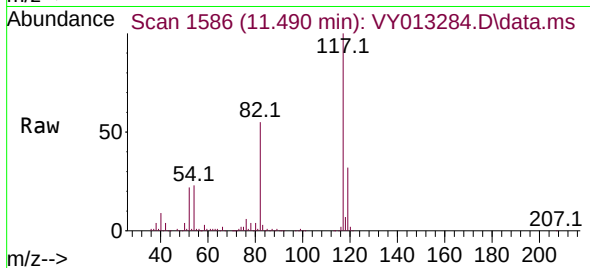
Tgt Ion:117 Resp: 328900

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.0

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013284.D

Acq: 13 Apr 2023 10:35

Tgt Ion:152 Resp: 150847

Ion Ratio Lower Upper

152 100

115 56.7 27.1 81.3

150 156.5 0.0 347.8

