

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010831.D
 Acq On : 05 Oct 2022 19:25
 Operator : KP/MD
 Sample : N5004-12
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22020-18

Quant Time: Oct 06 09:24:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

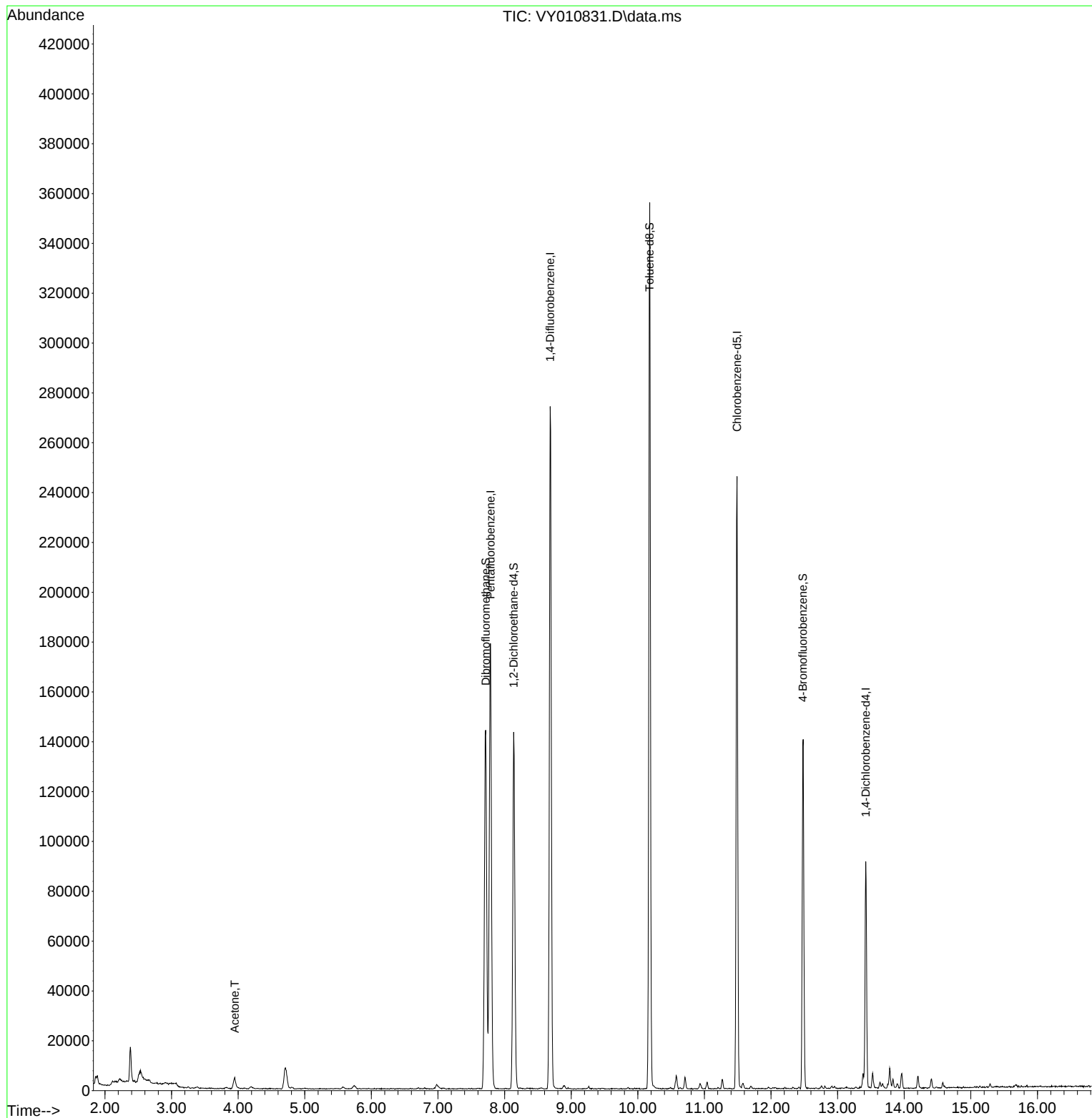
Internal Standards						
1) Pentafluorobenzene	7.789	168	140430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106225	74.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.260%
35) Dibromofluoromethane	7.716	113	103447	65.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.580%
50) Toluene-d8	10.179	98	231756	43.100	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.200%
62) 4-Bromofluorobenzene	12.477	95	39040	16.088	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	32.180%
Target Compounds						
16) Acetone	3.948	43	7358	20.353	ug/l	Qvalue # 78

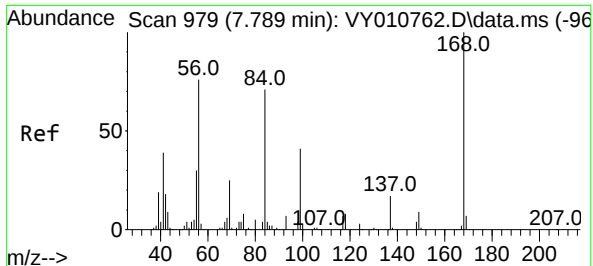
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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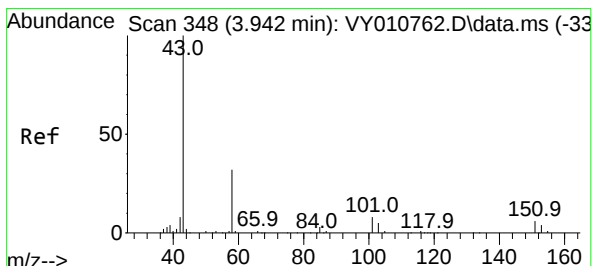
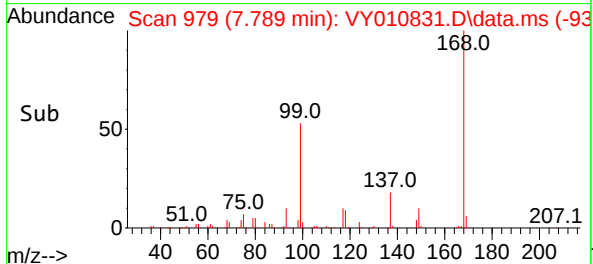
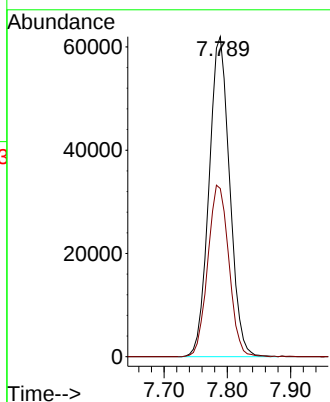
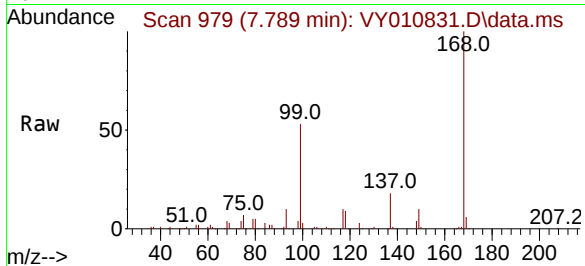




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

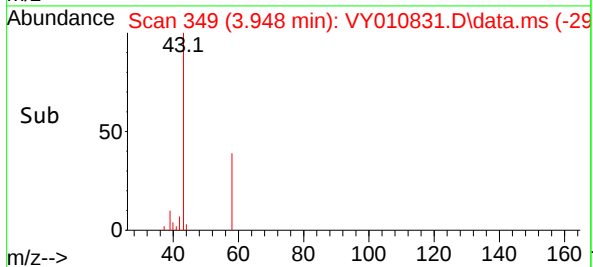
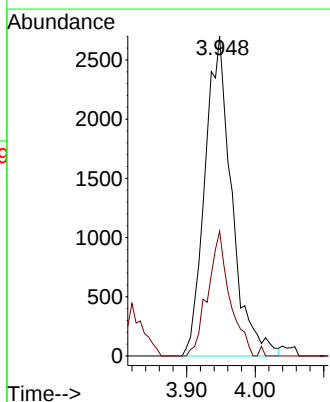
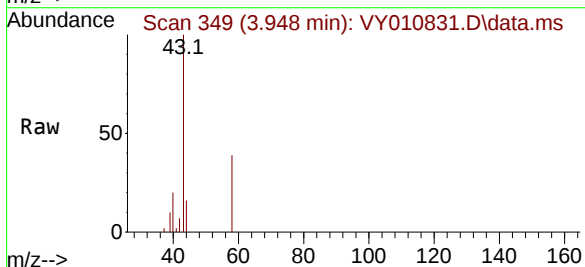
Instrument :
MSVOA_Y
ClientSampleId :
D22020-18

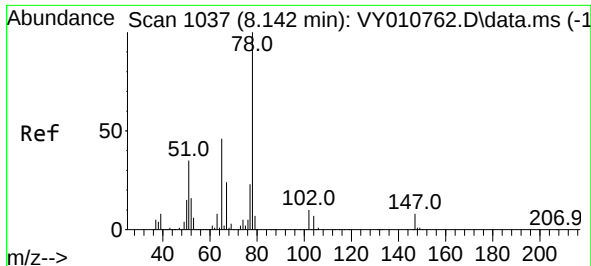
Tgt Ion:168 Resp: 140430
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 20.353 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Tgt Ion: 43 Resp: 7358
Ion Ratio Lower Upper
43 100
58 39.0 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 74.626 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010831.D

Acq: 05 Oct 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

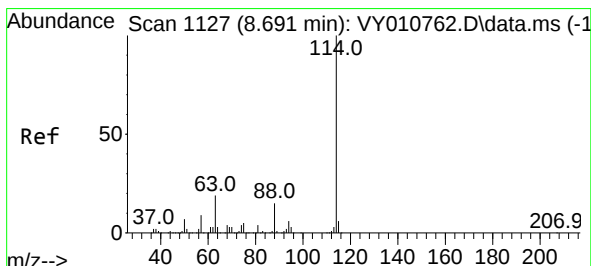
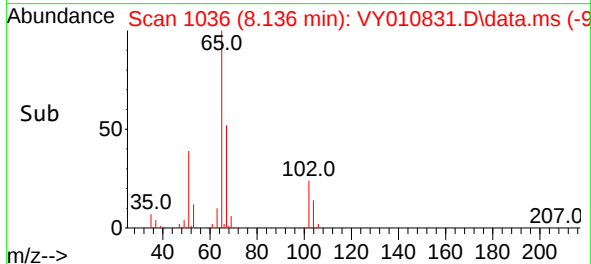
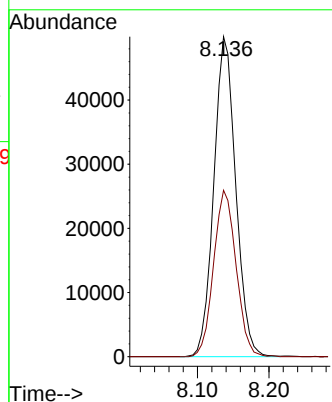
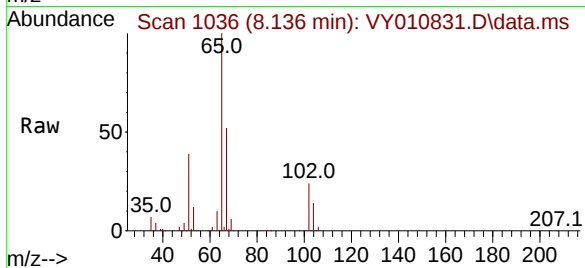
D22020-18

Tgt Ion: 65 Resp: 106225

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010831.D

Acq: 05 Oct 2022 19:25

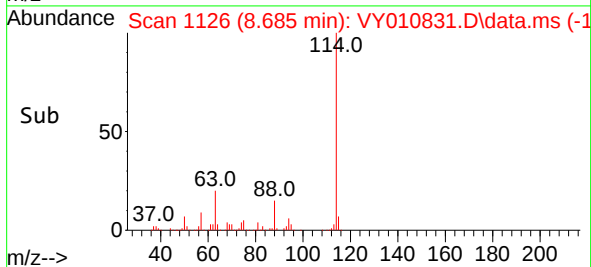
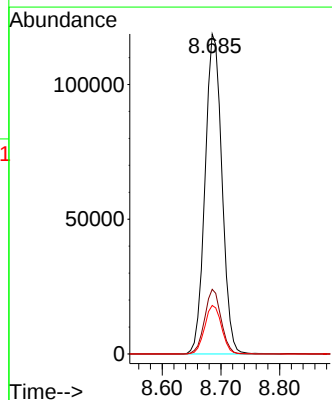
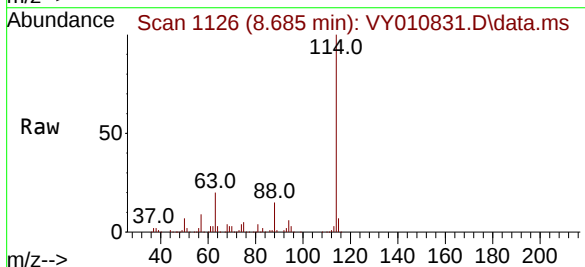
Tgt Ion: 114 Resp: 236863

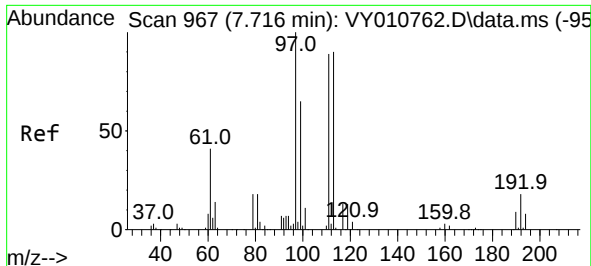
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.2 0.0 31.8

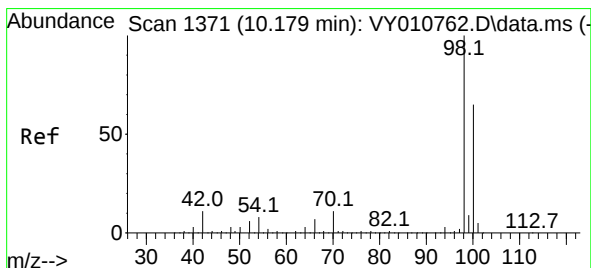
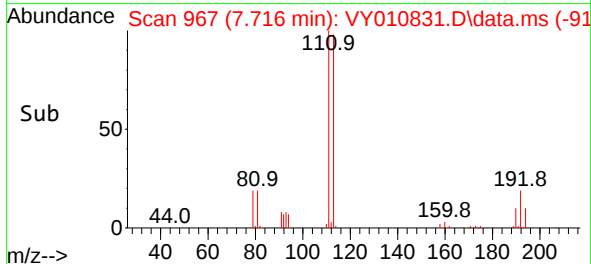
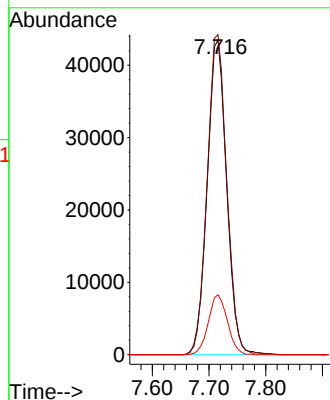
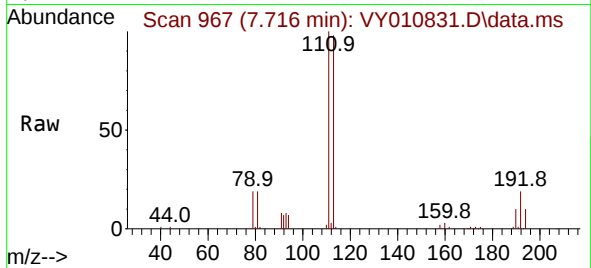




#35
Dibromofluoromethane
Concen: 65.793 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

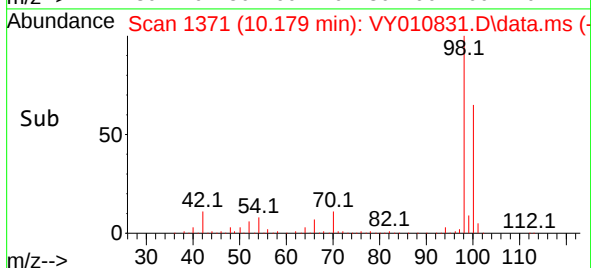
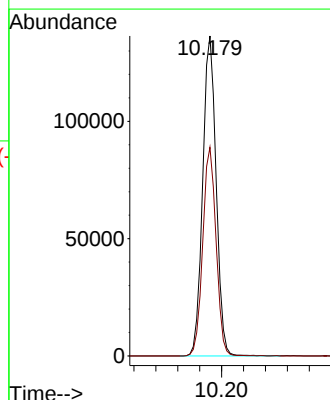
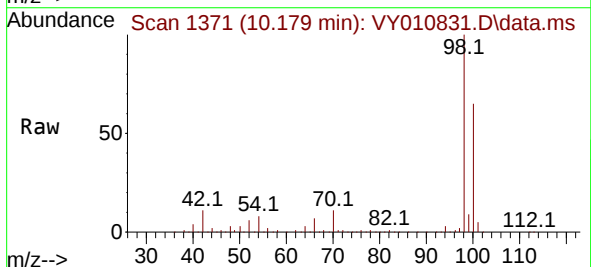
Instrument :
MSVOA_Y
ClientSampleId :
D22020-18

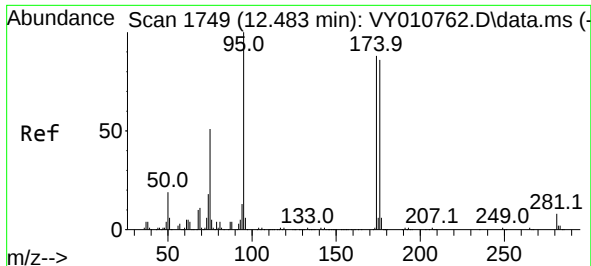
Tgt Ion:113 Resp: 103447
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.7 17.6 26.4



#50
Toluene-d8
Concen: 43.100 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Tgt Ion: 98 Resp: 231756
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 16.088 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010831.D

Acq: 05 Oct 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

D22020-18

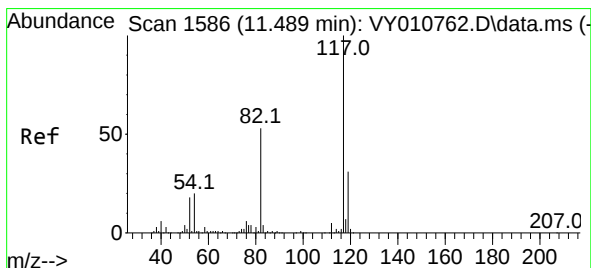
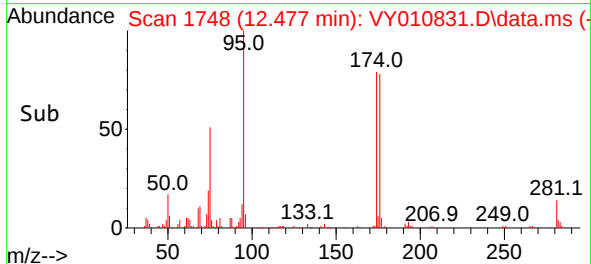
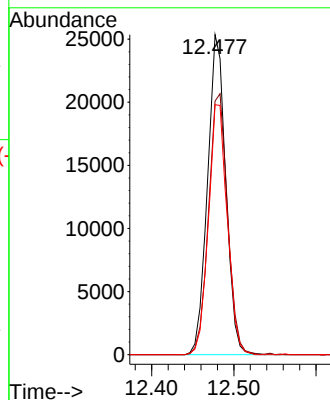
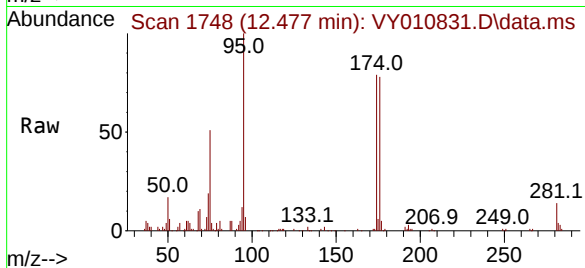
Tgt Ion: 95 Resp: 39040

Ion Ratio Lower Upper

95 100

174 85.2 0.0 177.0

176 80.8 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY010831.D

Acq: 05 Oct 2022 19:25

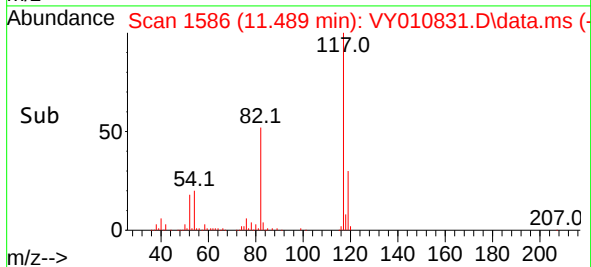
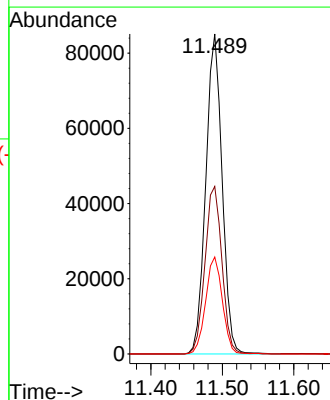
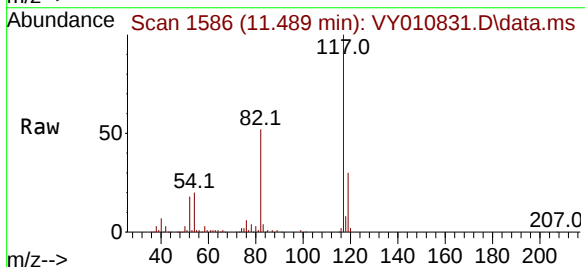
Tgt Ion: 117 Resp: 134984

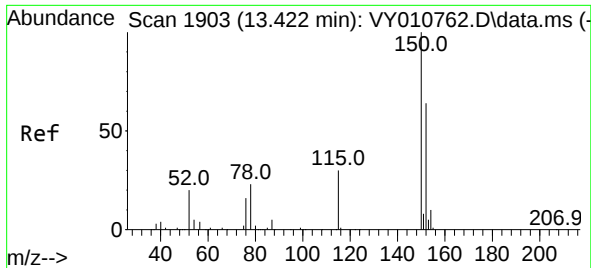
Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

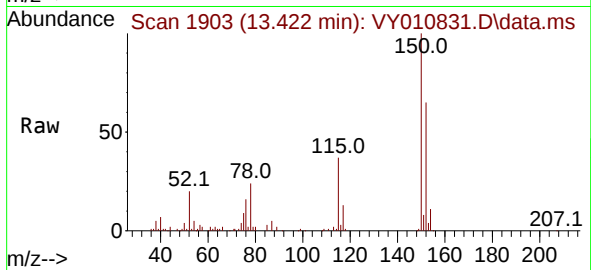
119 30.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010831.D
 Acq: 05 Oct 2022 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22020-18



Tgt Ion:152 Resp: 24383
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 155.8 0.0 347.6

