

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008928.D
 Acq On : 21 May 2022 01:38
 Operator : KP/MD
 Sample : N2916-02
 Misc : 6.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-2

Quant Time: May 21 02:49:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76910	60.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.720%
35) Dibromofluoromethane	7.716	113	66261	50.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.179	98	267812	54.865	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.483	95	90025	45.720	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.440%

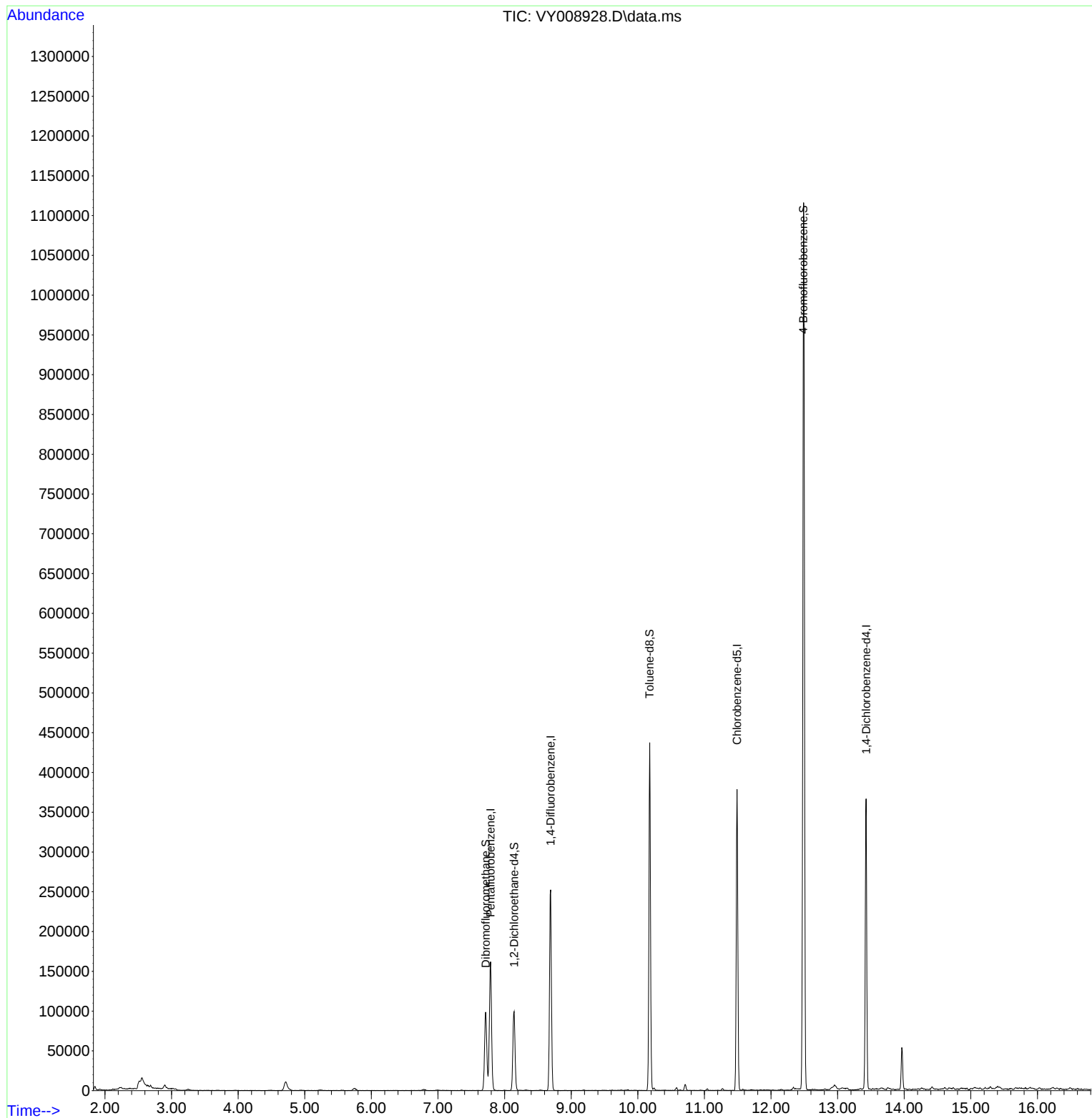
Target Compounds	Qvalue

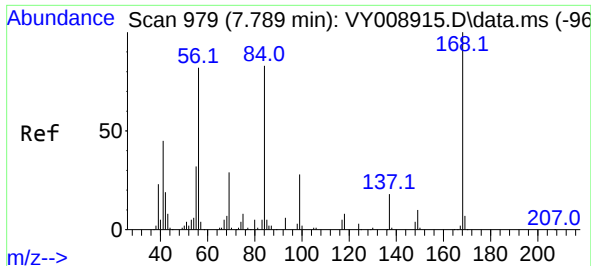
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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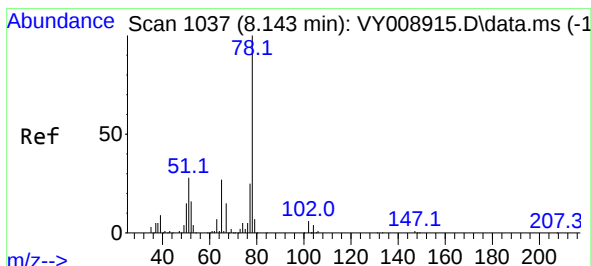
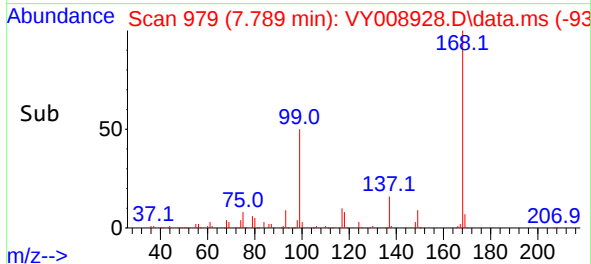
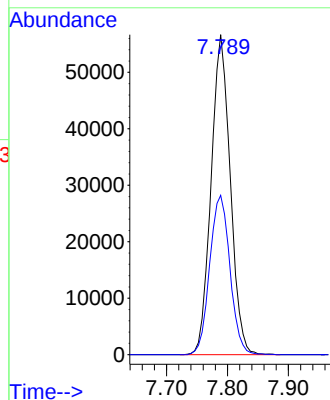
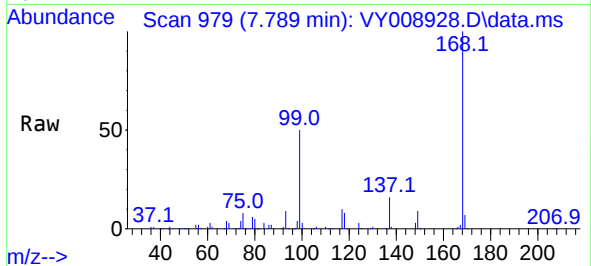




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

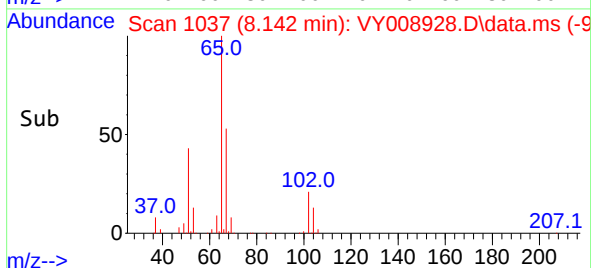
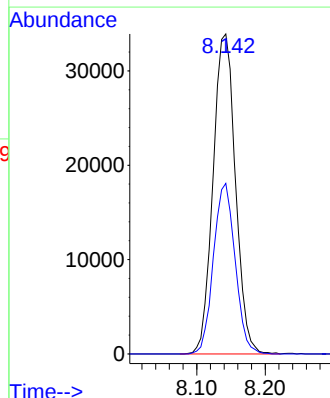
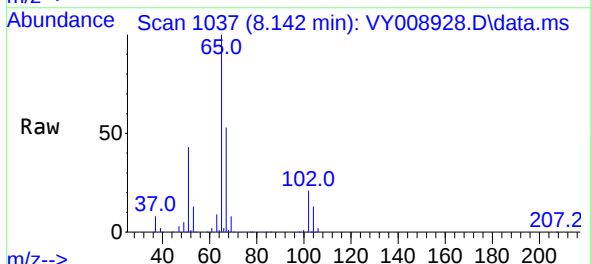
Instrument :
MSVOA_Y
ClientSampleId :
UST-2

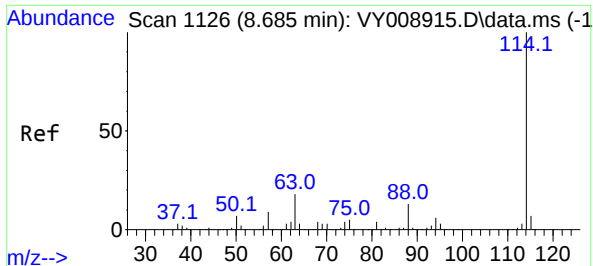
Tgt Ion:168 Resp: 123814
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.356 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

Tgt Ion: 65 Resp: 76910
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008928.D

Acq: 21 May 2022 01:38

Instrument :

MSVOA_Y

ClientSampleId :

UST-2

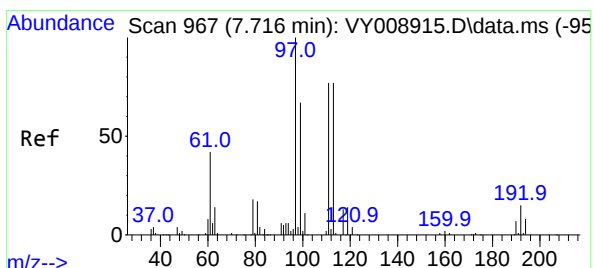
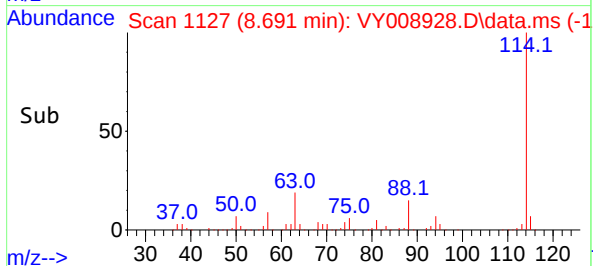
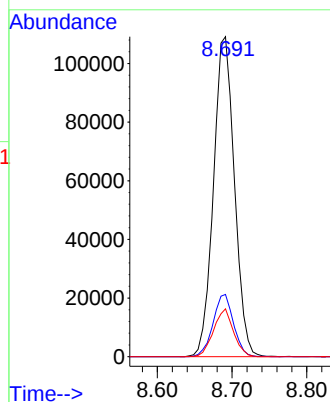
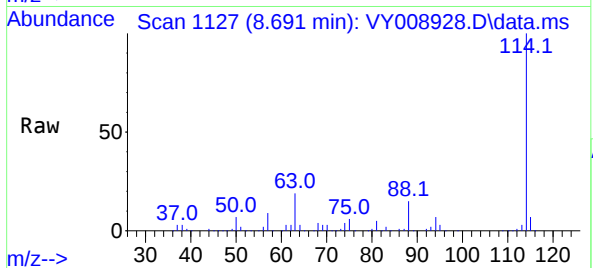
Tgt Ion:114 Resp: 212780

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.078 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008928.D

Acq: 21 May 2022 01:38

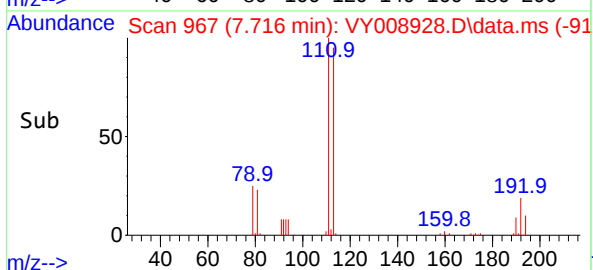
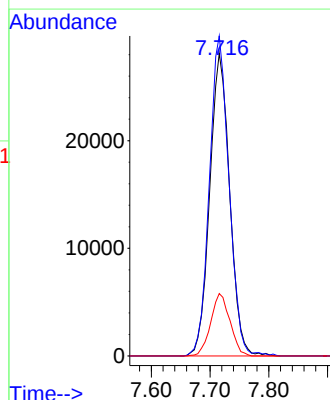
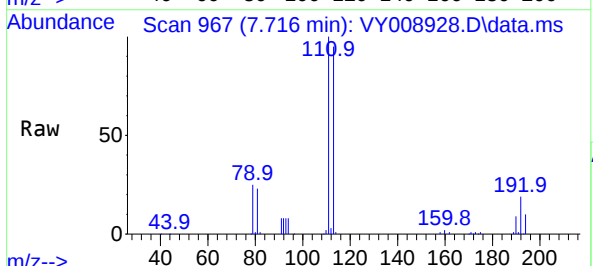
Tgt Ion:113 Resp: 66261

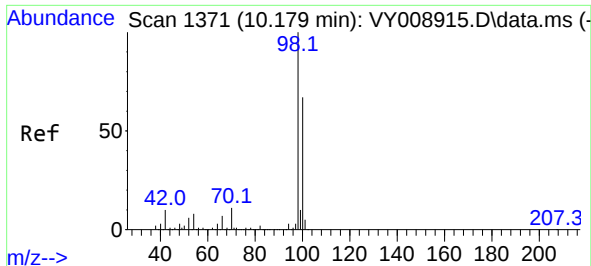
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 19.9 17.6 26.4

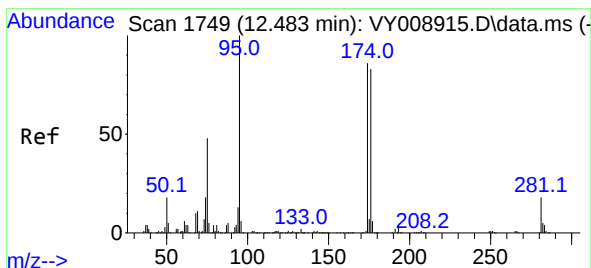
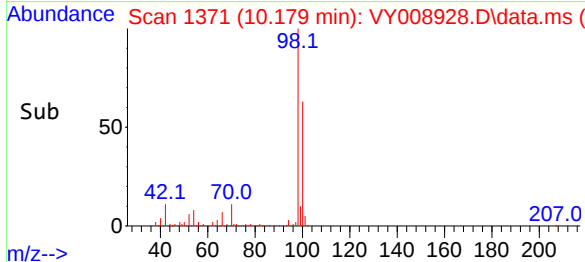
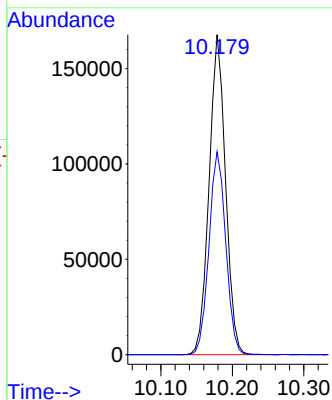
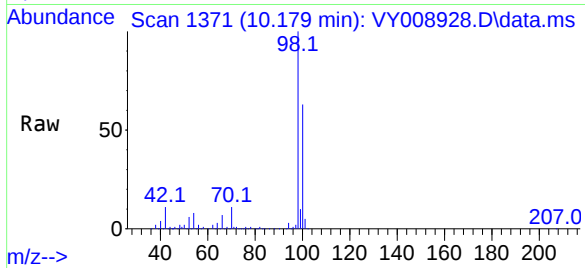




#50
Toluene-d8
Concen: 54.865 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

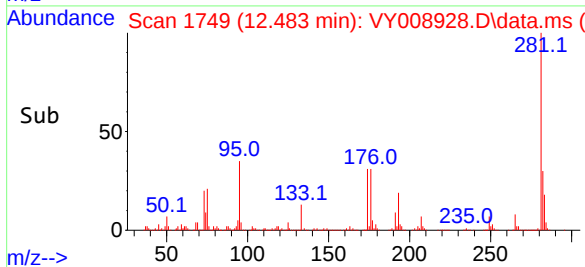
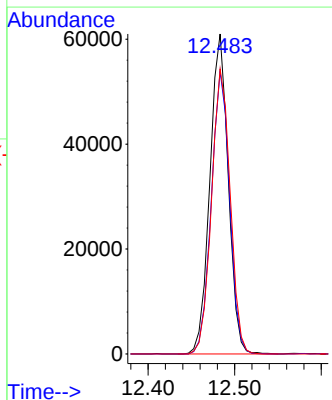
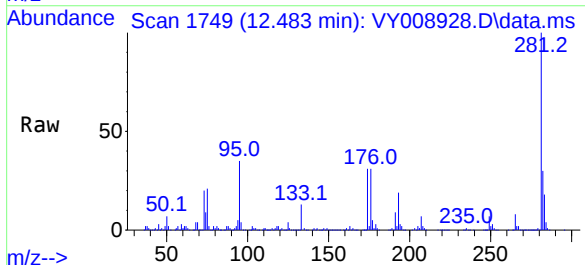
Instrument :
MSVOA_Y
ClientSampleId :
UST-2

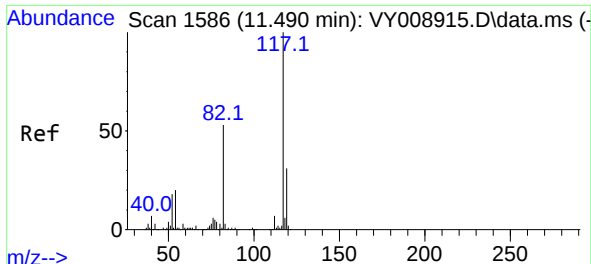
Tgt Ion: 98 Resp: 267812
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

Tgt Ion: 95 Resp: 90025
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 90.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY008928.D

Acq: 21 May 2022 01:38

Instrument :

MSVOA_Y

ClientSampleId :

UST-2

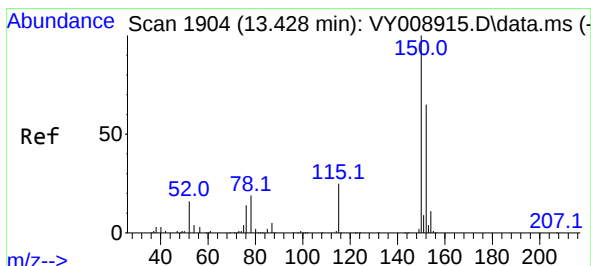
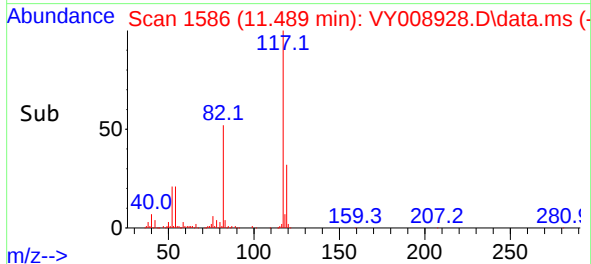
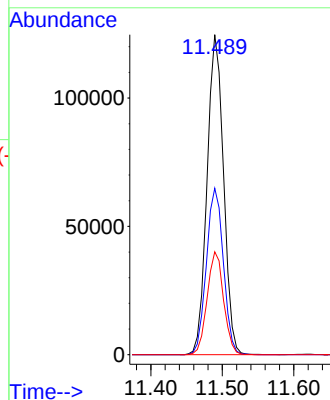
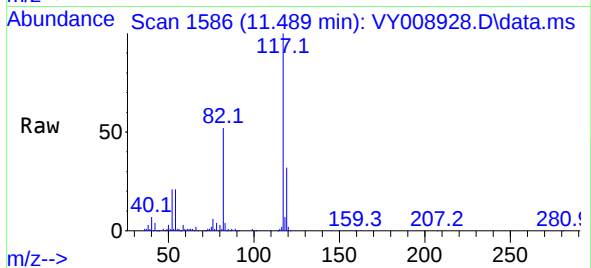
Tgt Ion:117 Resp: 199496

Ion Ratio Lower Upper

117 100

82 52.0 43.0 64.4

119 32.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008928.D

Acq: 21 May 2022 01:38

Tgt Ion:152 Resp: 88659

Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 158.2 0.0 347.6

