

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013301.D
 Acq On : 13 Apr 2023 17:16
 Operator : KP/MD
 Sample : 02224-17
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-09

Quant Time: Apr 14 03:01:19 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	7.783	168	167146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	274140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127933	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122081	60.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.560%
35) Dibromofluoromethane	7.710	113	103549	55.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.400%
50) Toluene-d8	10.173	98	353678	51.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.477	95	114307	50.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.680%

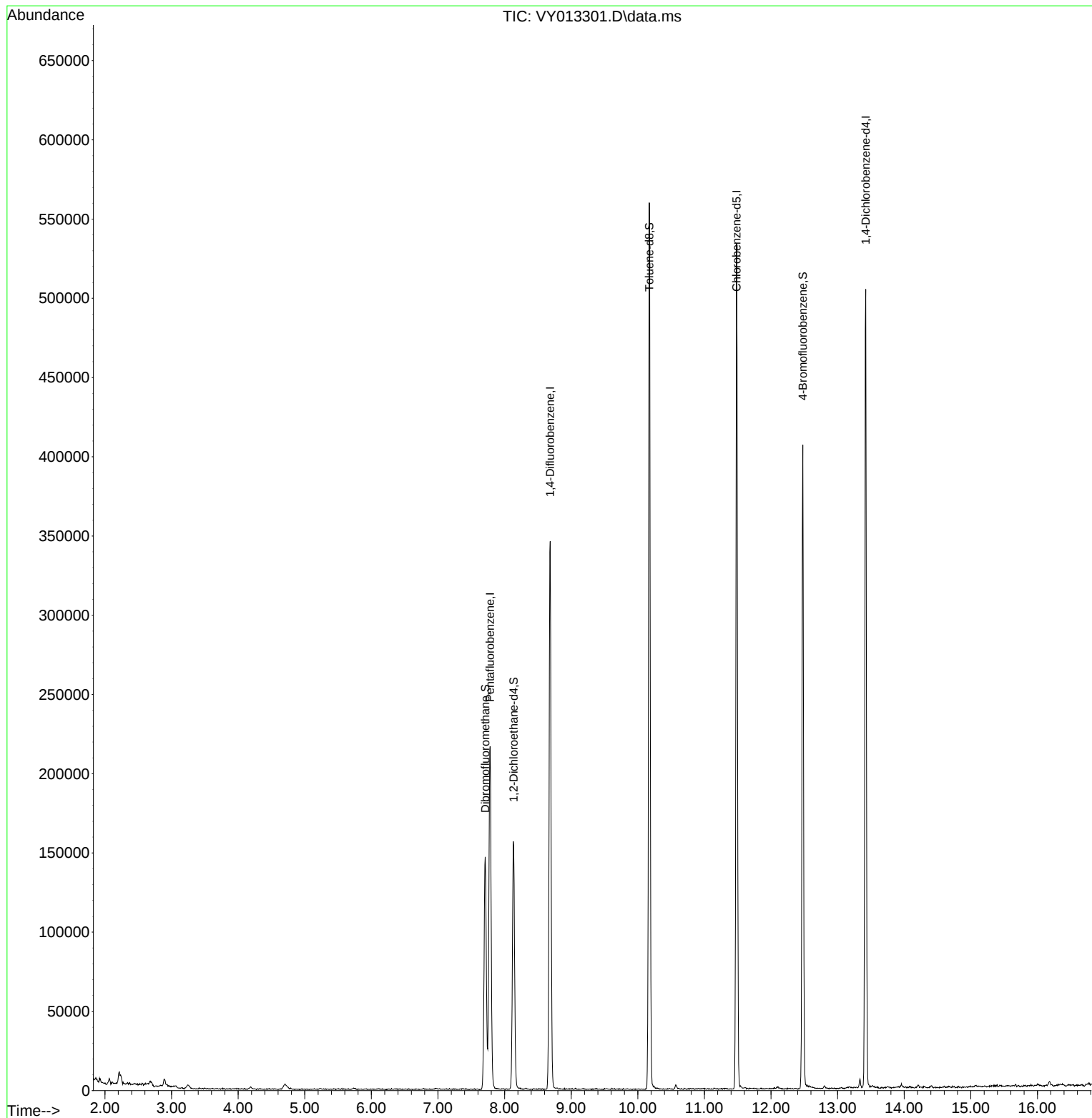
Target Compounds	Qvalue

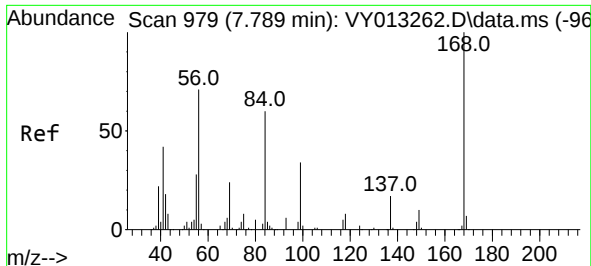
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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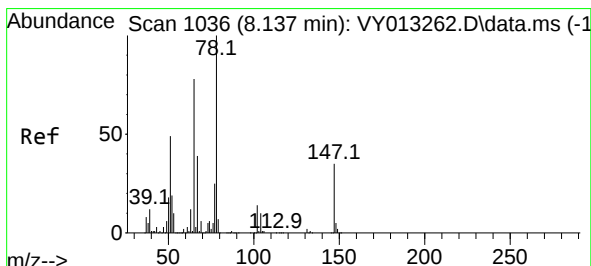
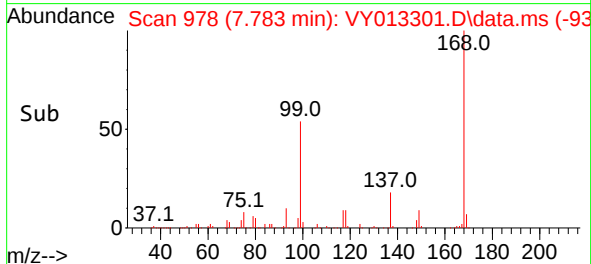
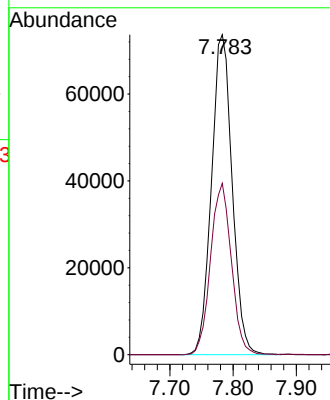
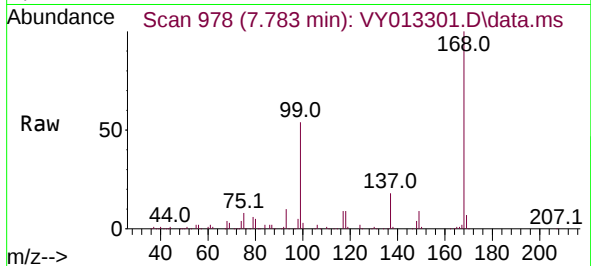




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

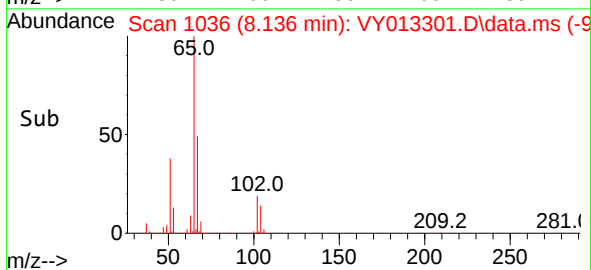
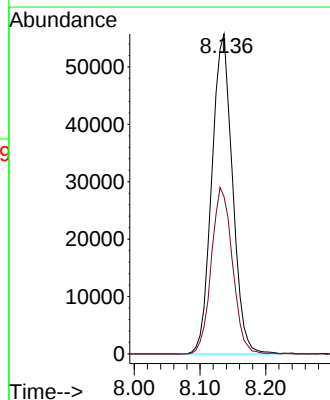
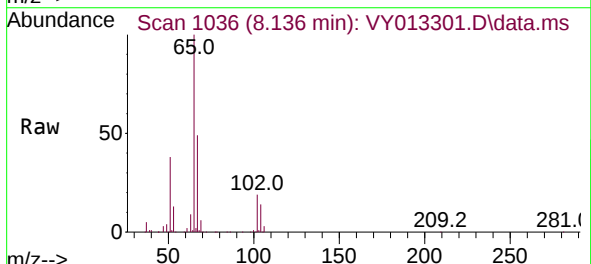
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-09

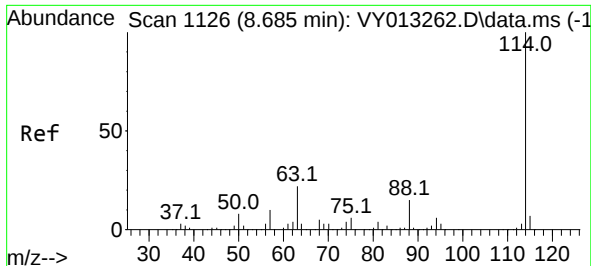
Tgt Ion:168 Resp: 167146
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 60.776 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

Tgt Ion: 65 Resp: 122081
Ion Ratio Lower Upper
65 100
67 53.1 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: VY013301.D

Acq: 13 Apr 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

OU3-FC-BACKFILL-09

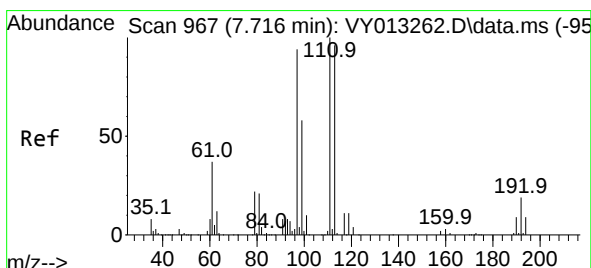
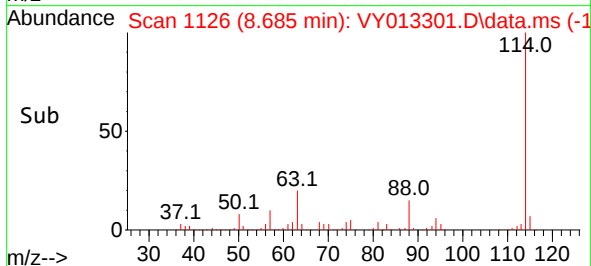
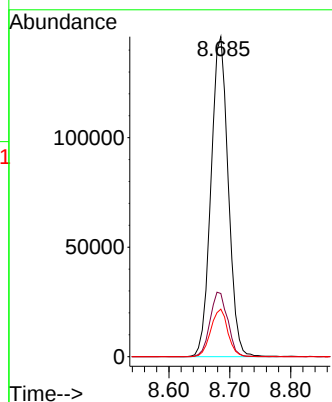
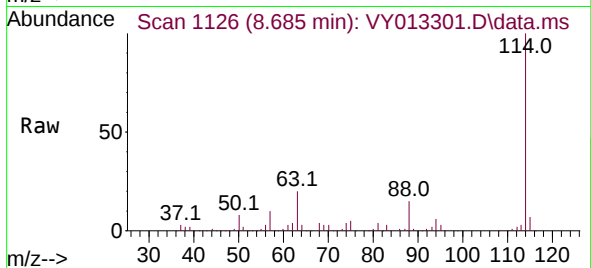
Tgt Ion:114 Resp: 287181

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.696 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013301.D

Acq: 13 Apr 2023 17:16

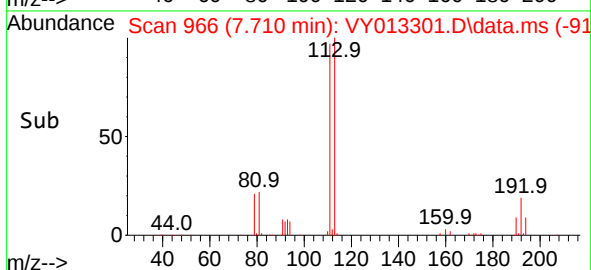
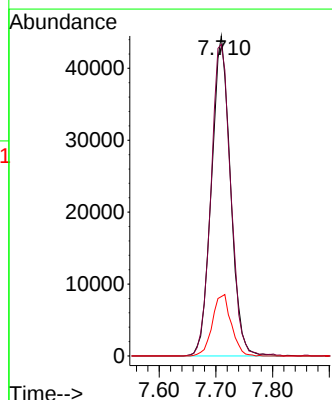
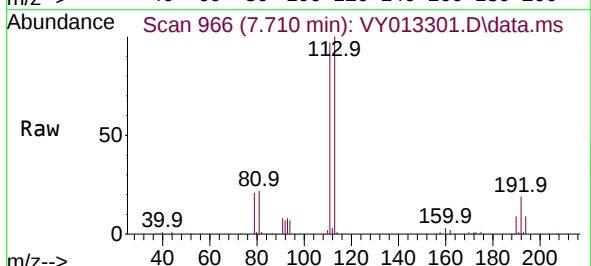
Tgt Ion:113 Resp: 103549

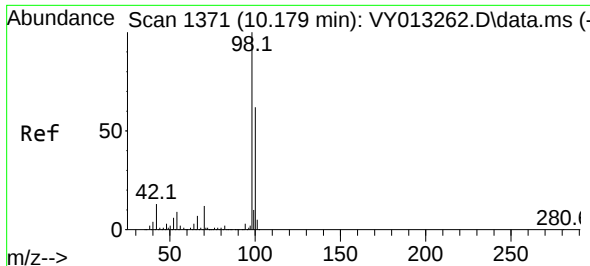
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 19.1 16.8 25.2

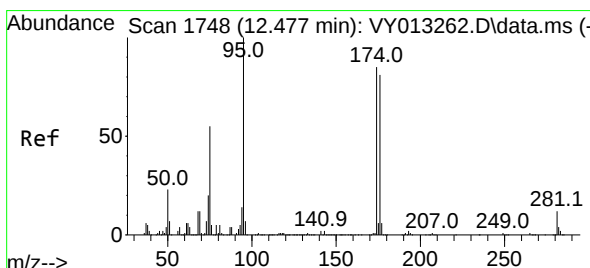
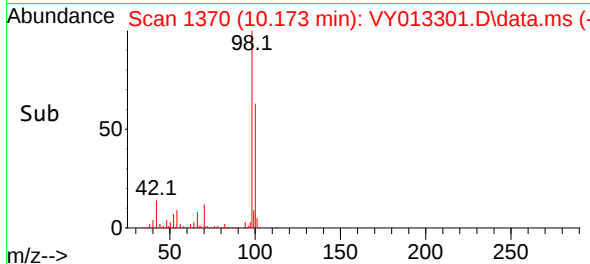
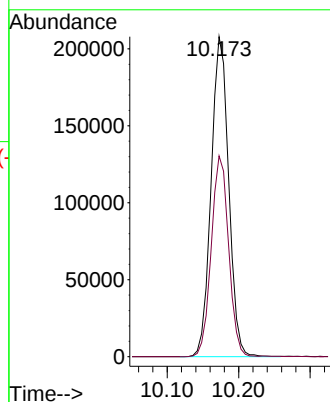
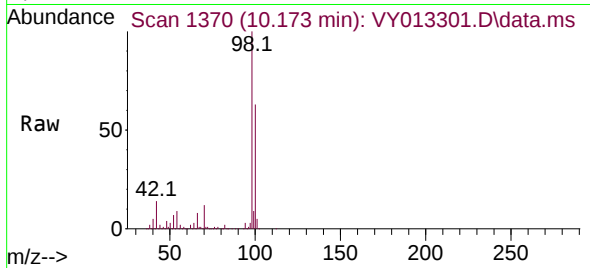




#50
Toluene-d8
Concen: 51.108 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

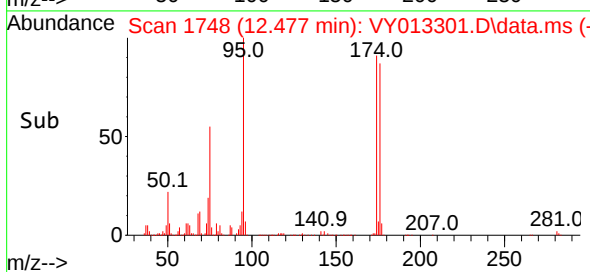
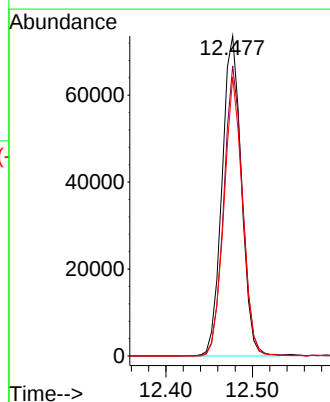
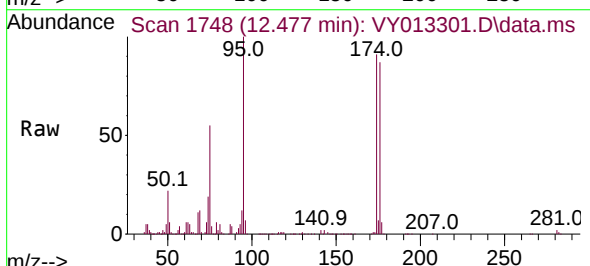
Instrument :
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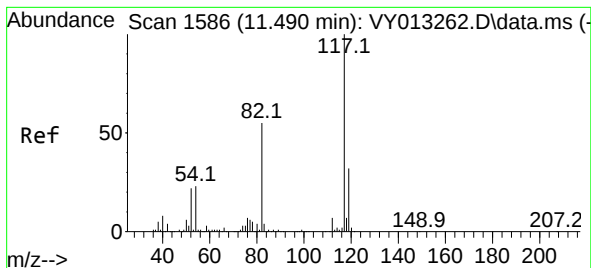
Tgt Ion: 98 Resp: 353678
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.838 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

Tgt Ion: 95 Resp: 114307
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 83.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013301.D

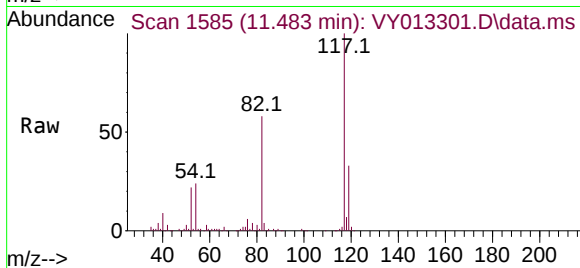
Acq: 13 Apr 2023 17:16

Instrument :

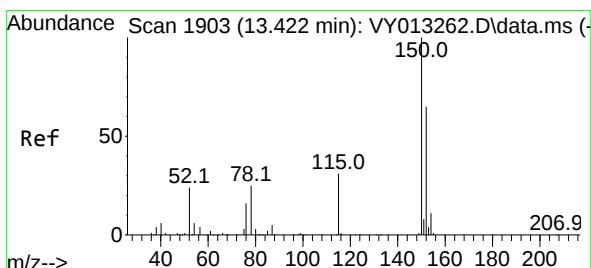
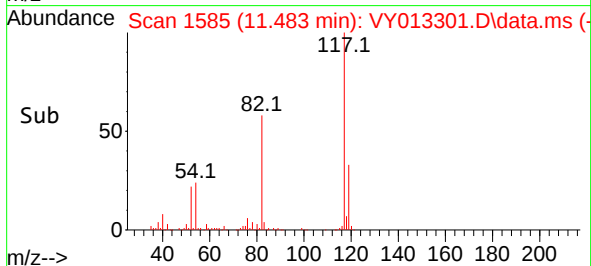
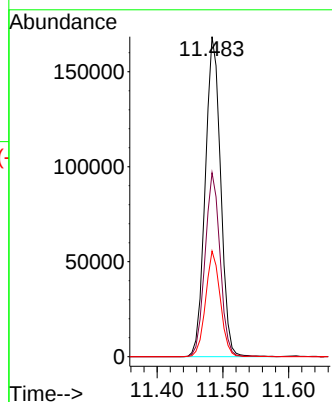
MSVOA_Y

ClientSampleId :

OU3-FC-BACKFILL-09



Tgt Ion:	117	Resp:	274140
Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.4	68.0
119	33.0	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: VY013301.D

Acq: 13 Apr 2023 17:16

Tgt Ion:	152	Resp:	127933
Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.1	81.3
150	158.6	0.0	347.8

