

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012567.D
 Acq On : 09 Feb 2023 17:18
 Operator : KP/MD
 Sample : 01432-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

Quant Time: Feb 10 06:00:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	6680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5369	63.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.420%
35) Dibromofluoromethane	7.710	113	3262	42.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.400%
50) Toluene-d8	10.179	98	12196	38.359	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.720%
62) 4-Bromofluorobenzene	12.483	95	4035	36.384	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.760%

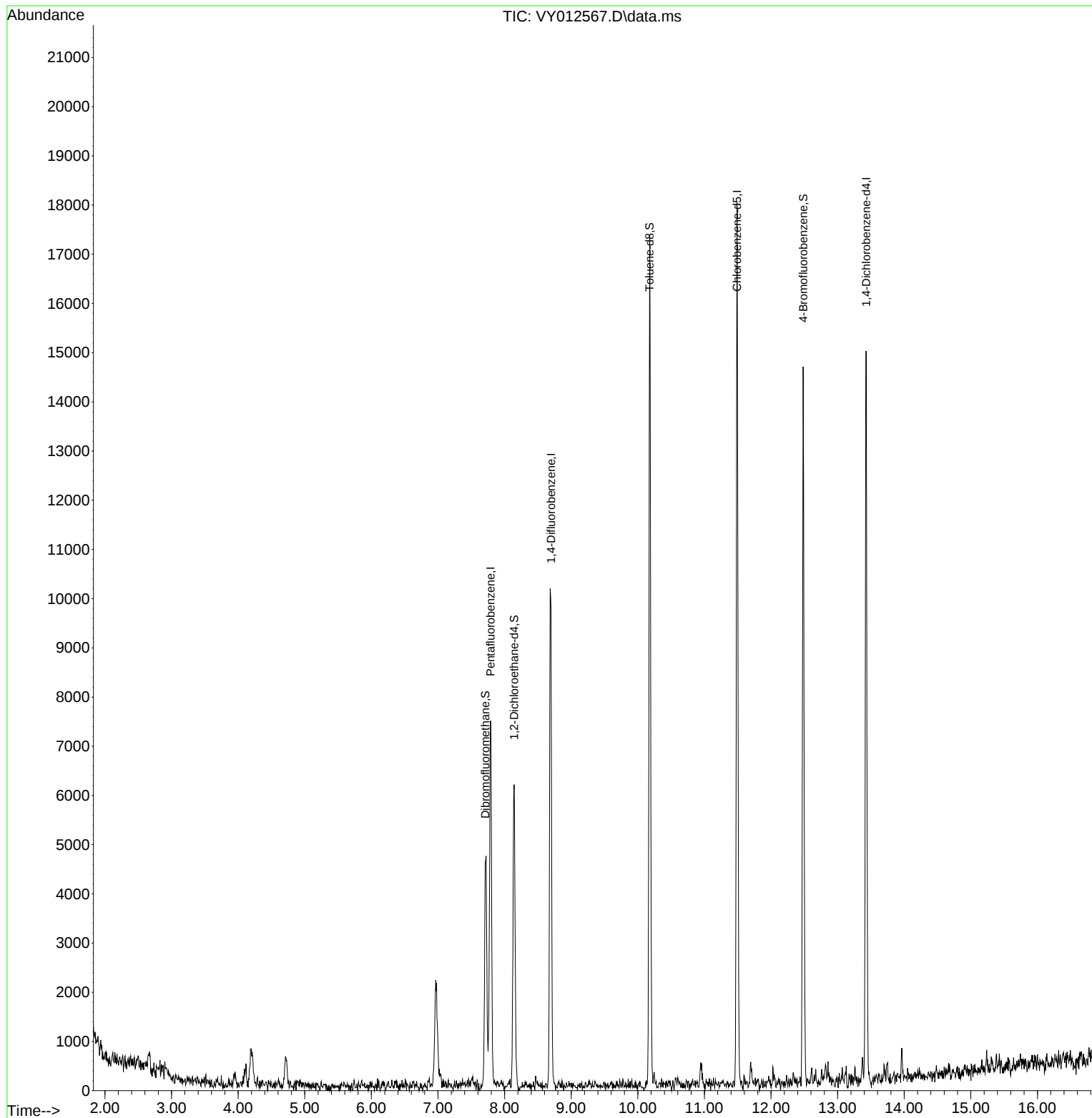
Target Compounds	Qvalue

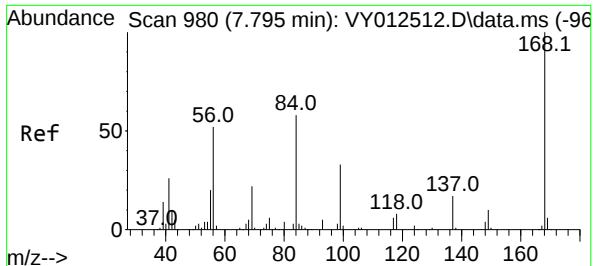
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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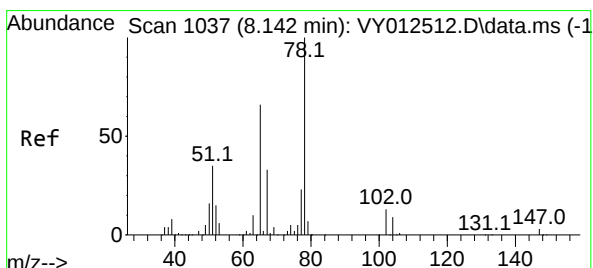
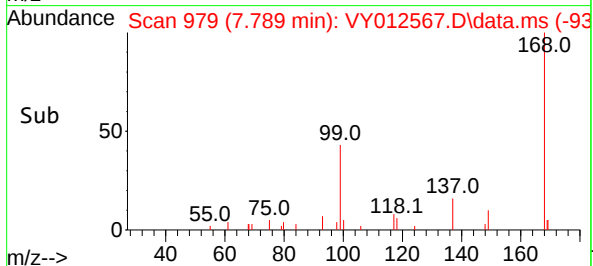
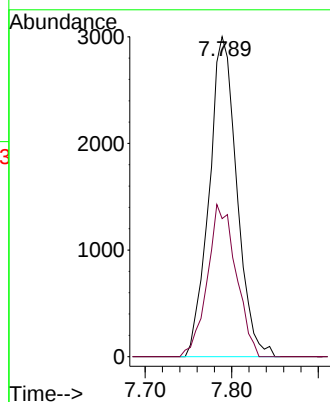
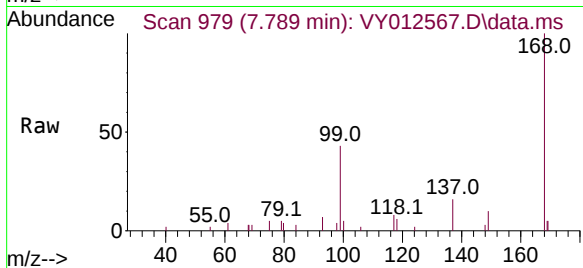




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

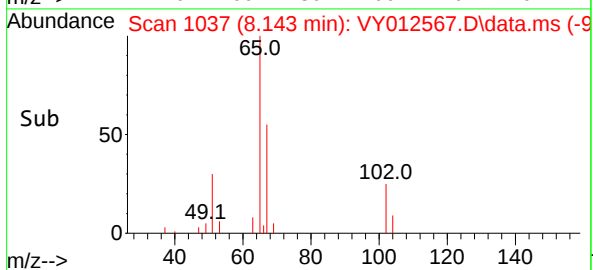
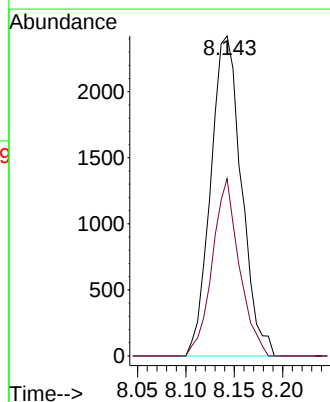
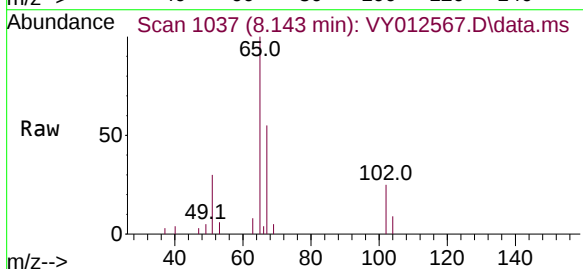
Instrument :
MSVOA_Y
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

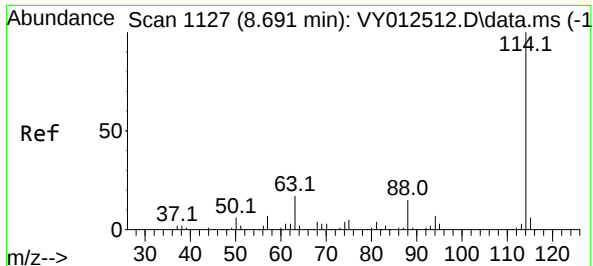
Tgt Ion:168 Resp: 6680
Ion Ratio Lower Upper
168 100
99 43.2 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 63.206 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

Tgt Ion: 65 Resp: 5369
Ion Ratio Lower Upper
65 100
67 48.5 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY012567.D

Acq: 09 Feb 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

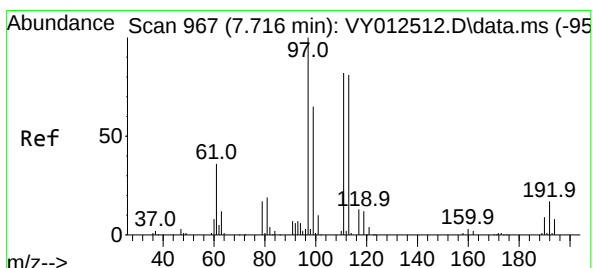
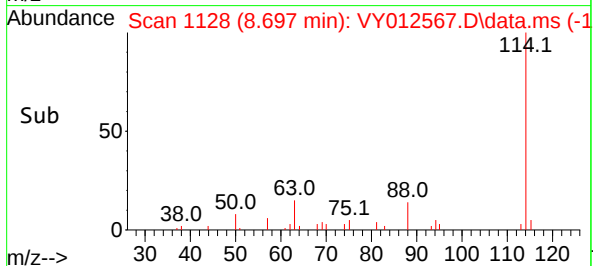
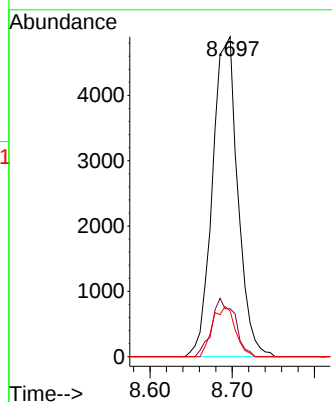
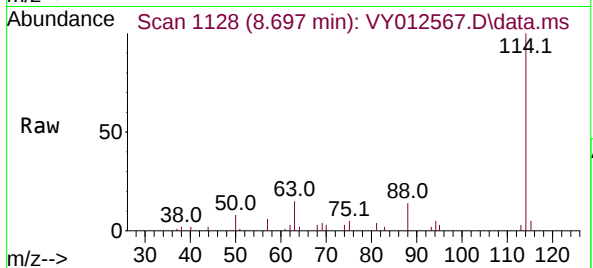
Tgt Ion:114 Resp: 10489

Ion Ratio Lower Upper

114 100

63 14.9 0.0 33.6

88 14.2 0.0 29.8



#35

Dibromofluoromethane

Concen: 42.704 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012567.D

Acq: 09 Feb 2023 17:18

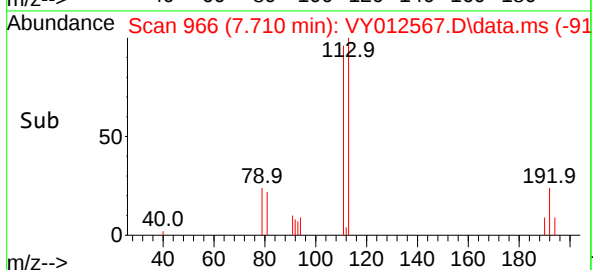
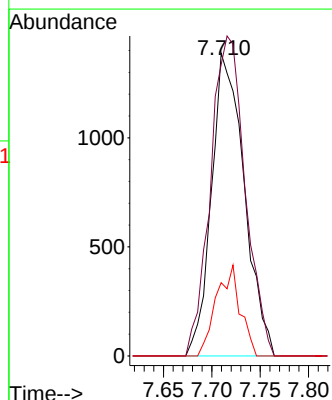
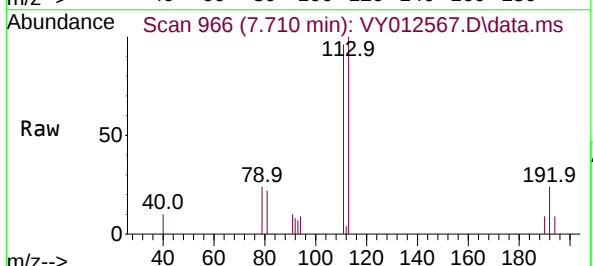
Tgt Ion:113 Resp: 3262

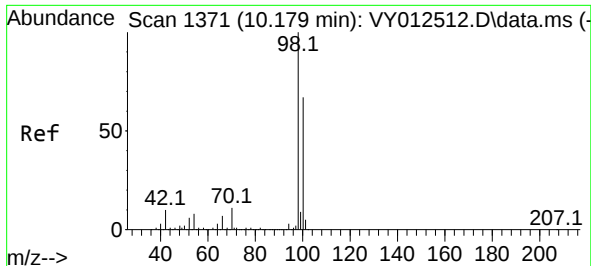
Ion Ratio Lower Upper

113 100

111 111.7 81.9 122.9

192 21.9 17.5 26.3





#50
Toluene-d8
Concen: 38.359 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

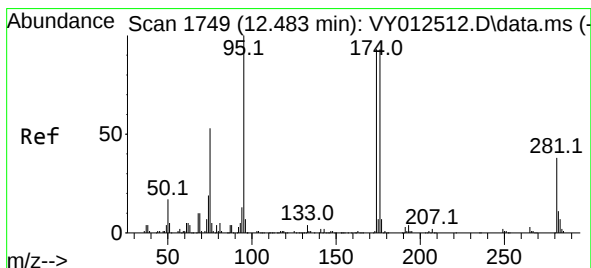
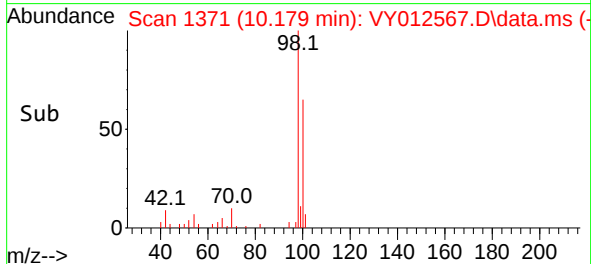
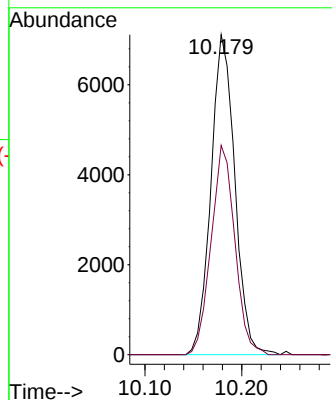
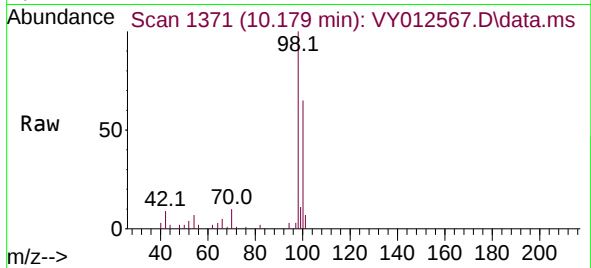
Instrument :

MSVOA_Y

ClientSampleId :

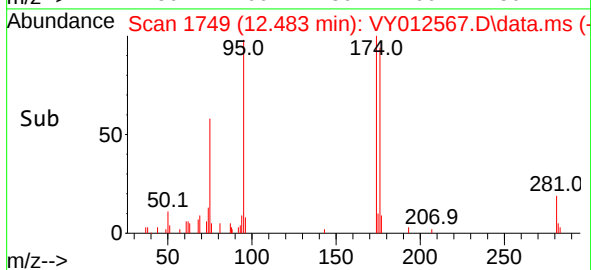
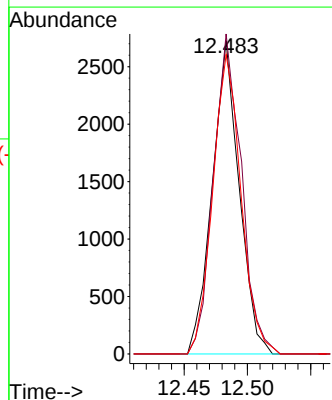
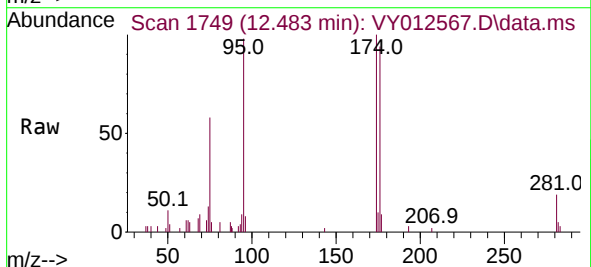
DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

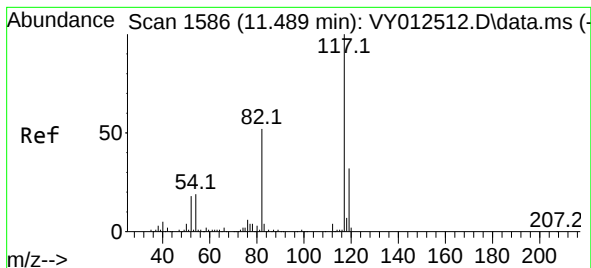
Tgt Ion: 98 Resp: 12196
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 36.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

Tgt Ion: 95 Resp: 4035
Ion Ratio Lower Upper
95 100
174 105.7 0.0 188.0
176 100.5 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012567.D

Acq: 09 Feb 2023 17:18

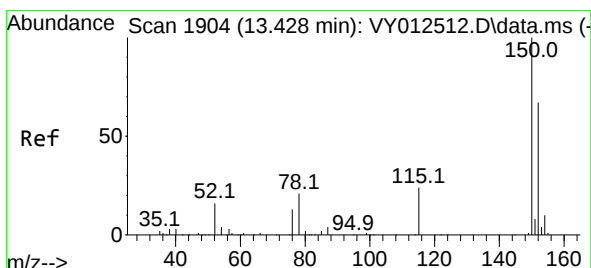
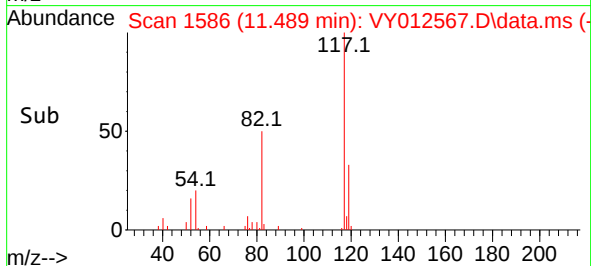
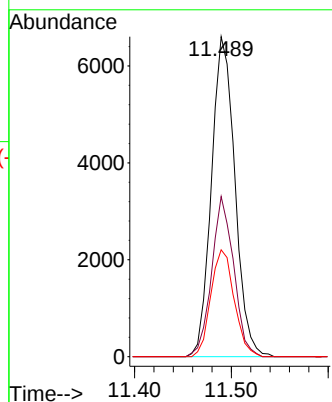
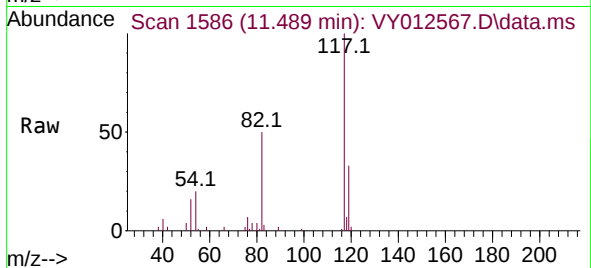
Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:	117	Resp:	11133
Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.7	62.5
119	33.4	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012567.D

Acq: 09 Feb 2023 17:18

Tgt Ion:	152	Resp:	4683
Ion	Ratio	Lower	Upper
152	100		
115	51.1	28.1	84.3
150	157.2	0.0	351.0

