

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016103.D
 Acq On : 27 Oct 2023 14:23
 Operator : SY/MD
 Sample : 05078-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-102323

Quant Time: Oct 30 06:08:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	37397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	62056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	56277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	21282	57.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.460%
35) Dibromofluoromethane	7.716	113	20401	52.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.160%
50) Toluene-d8	10.179	98	70863	48.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.483	95	22395	44.990	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.980%

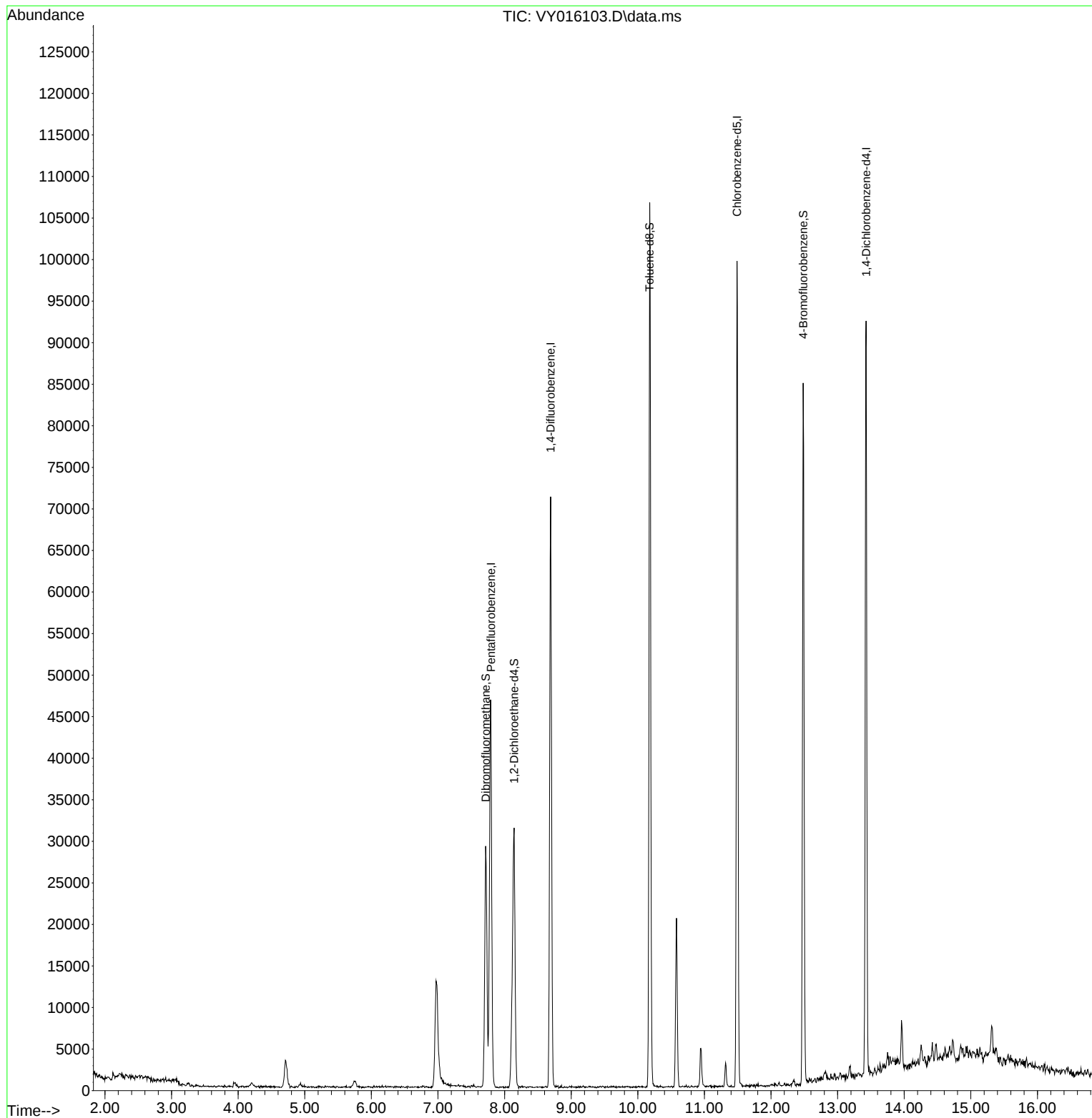
Target Compounds	Qvalue

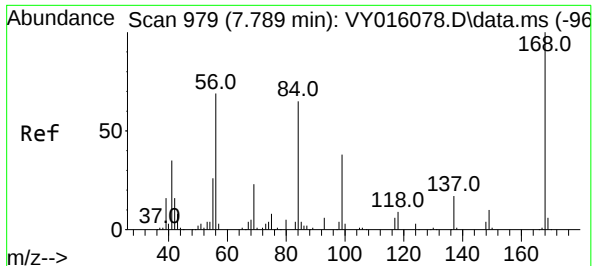
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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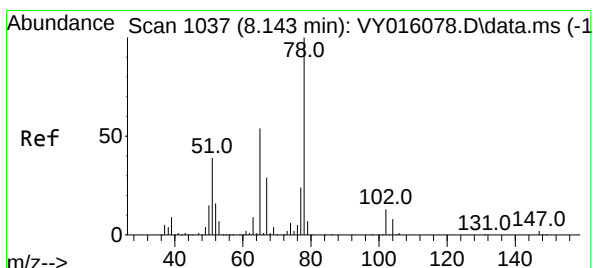
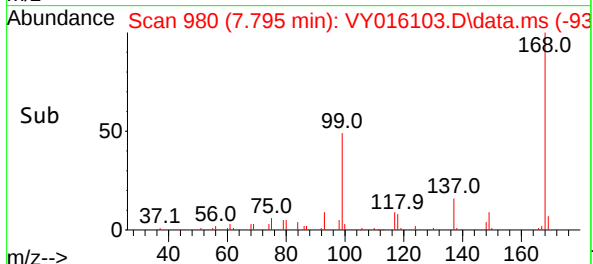
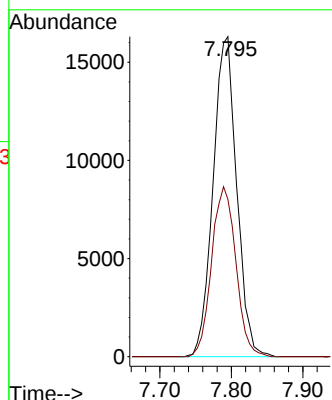
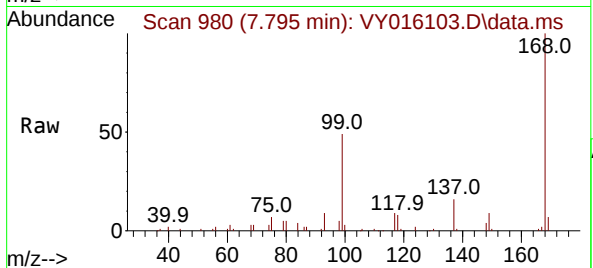




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

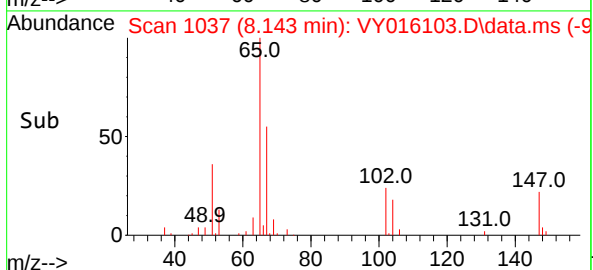
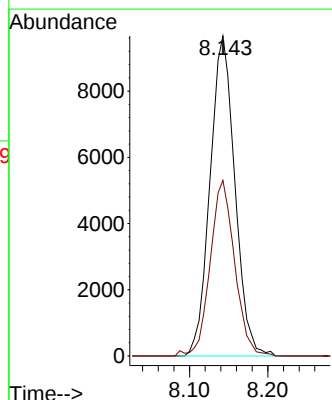
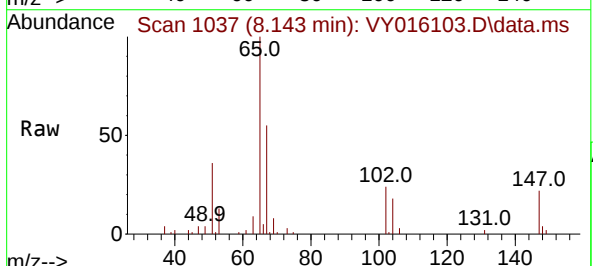
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-102323

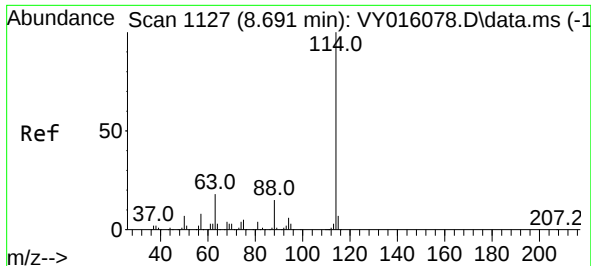
Tgt Ion:168 Resp: 37397
Ion Ratio Lower Upper
168 100
99 49.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.231 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Tgt Ion: 65 Resp: 21282
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016103.D

Acq: 27 Oct 2023 14:23

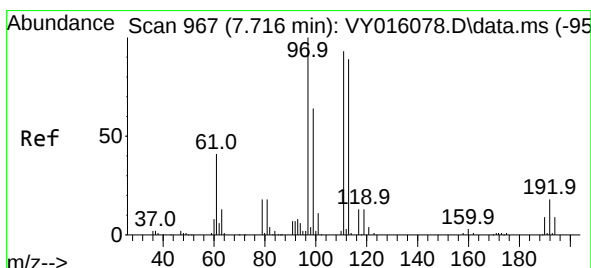
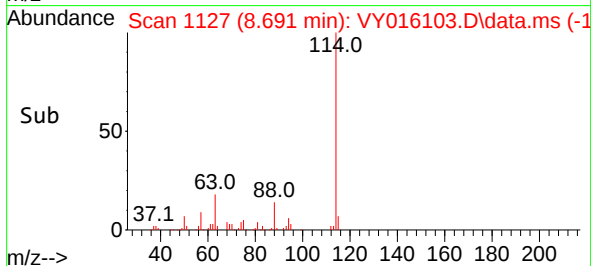
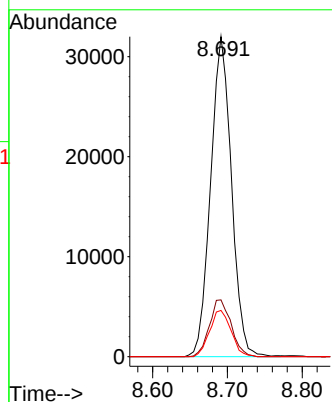
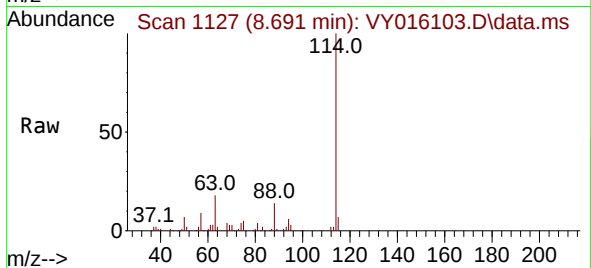
Instrument :

MSVOA_Y

ClientSampleId :

EO-03-102323

Tgt Ion:114	Resp:	62056
Ion	Ratio	Lower Upper
114	100	
63	17.8	0.0 42.4
88	14.4	0.0 30.6



#35

Dibromofluoromethane

Concen: 52.076 ug/l

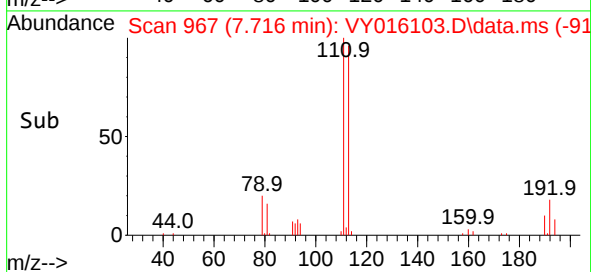
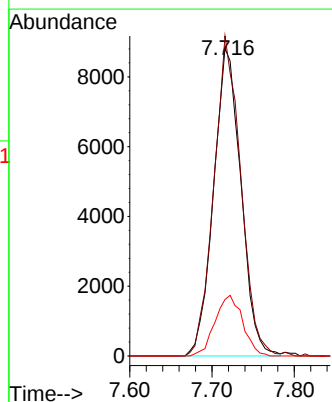
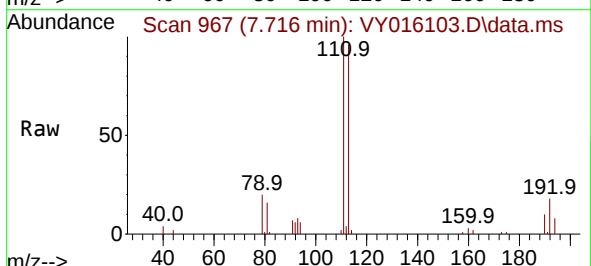
RT: 7.716 min Scan# 967

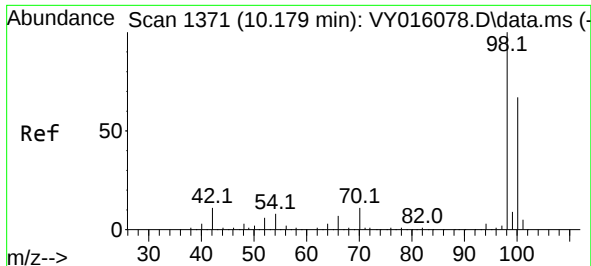
Delta R.T. -0.000 min

Lab File: VY016103.D

Acq: 27 Oct 2023 14:23

Tgt Ion:113	Resp:	20401
Ion	Ratio	Lower Upper
113	100	
111	102.4	81.3 121.9
192	19.8	16.9 25.3

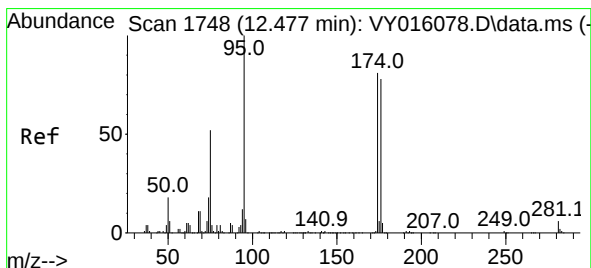
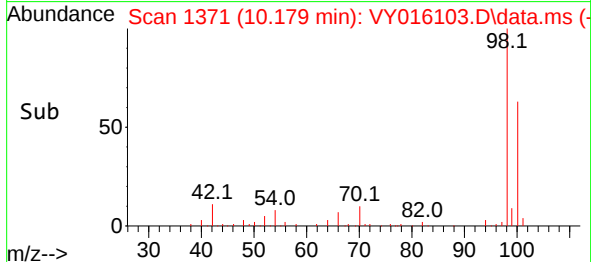
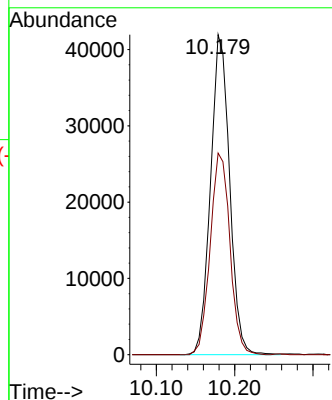
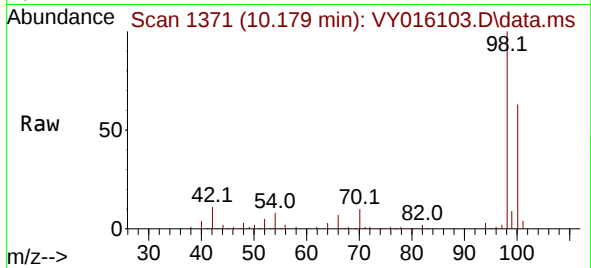




#50
Toluene-d8
Concen: 48.833 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

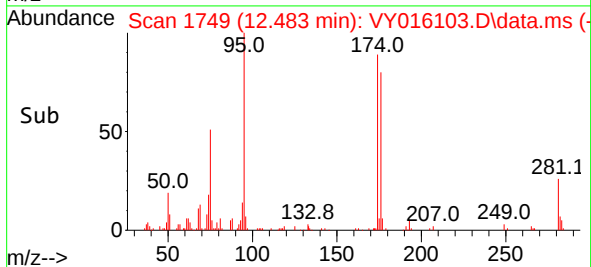
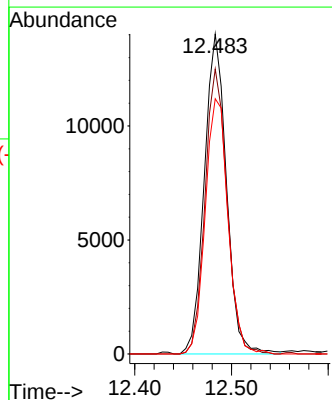
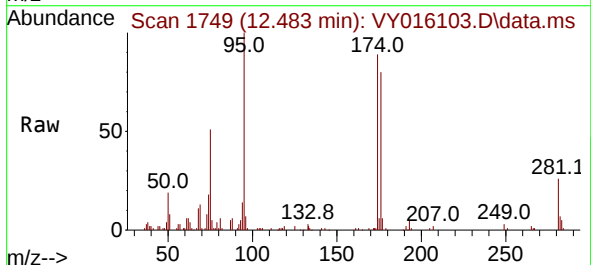
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-102323

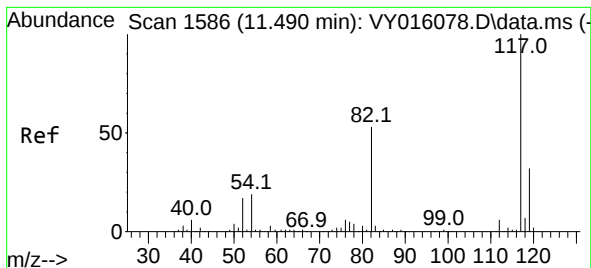
Tgt Ion: 98 Resp: 70863
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.990 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016103.D
Acq: 27 Oct 2023 14:23

Tgt Ion: 95 Resp: 22395
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.2
176 82.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016103.D

Acq: 27 Oct 2023 14:23

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-102323

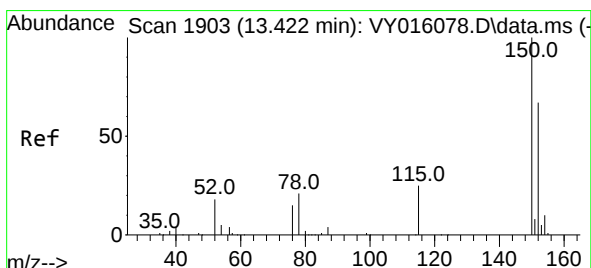
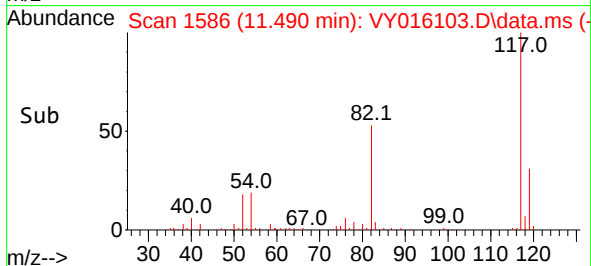
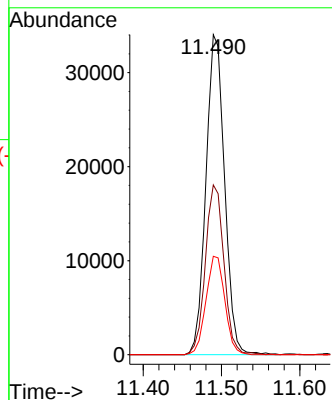
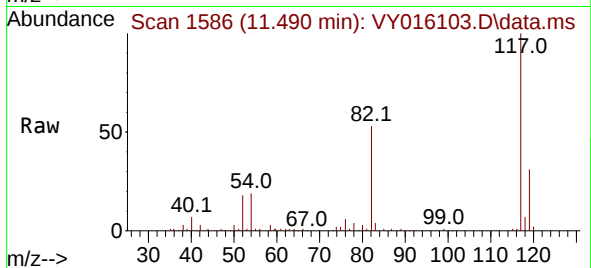
Tgt Ion:117 Resp: 56277

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 30.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016103.D

Acq: 27 Oct 2023 14:23

Tgt Ion:152 Resp: 24368

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 156.6 0.0 348.8

