

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014986.D
 Acq On : 08 Aug 2023 15:35
 Operator : SY/MD
 Sample : 03911-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSCR206(164716)

Quant Time: Aug 09 01:01:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	11735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	19105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8478	59.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.220%
35) Dibromofluoromethane	7.716	113	6053	47.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.520%
50) Toluene-d8	10.179	98	23166	47.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.483	95	8683	50.252	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.500%

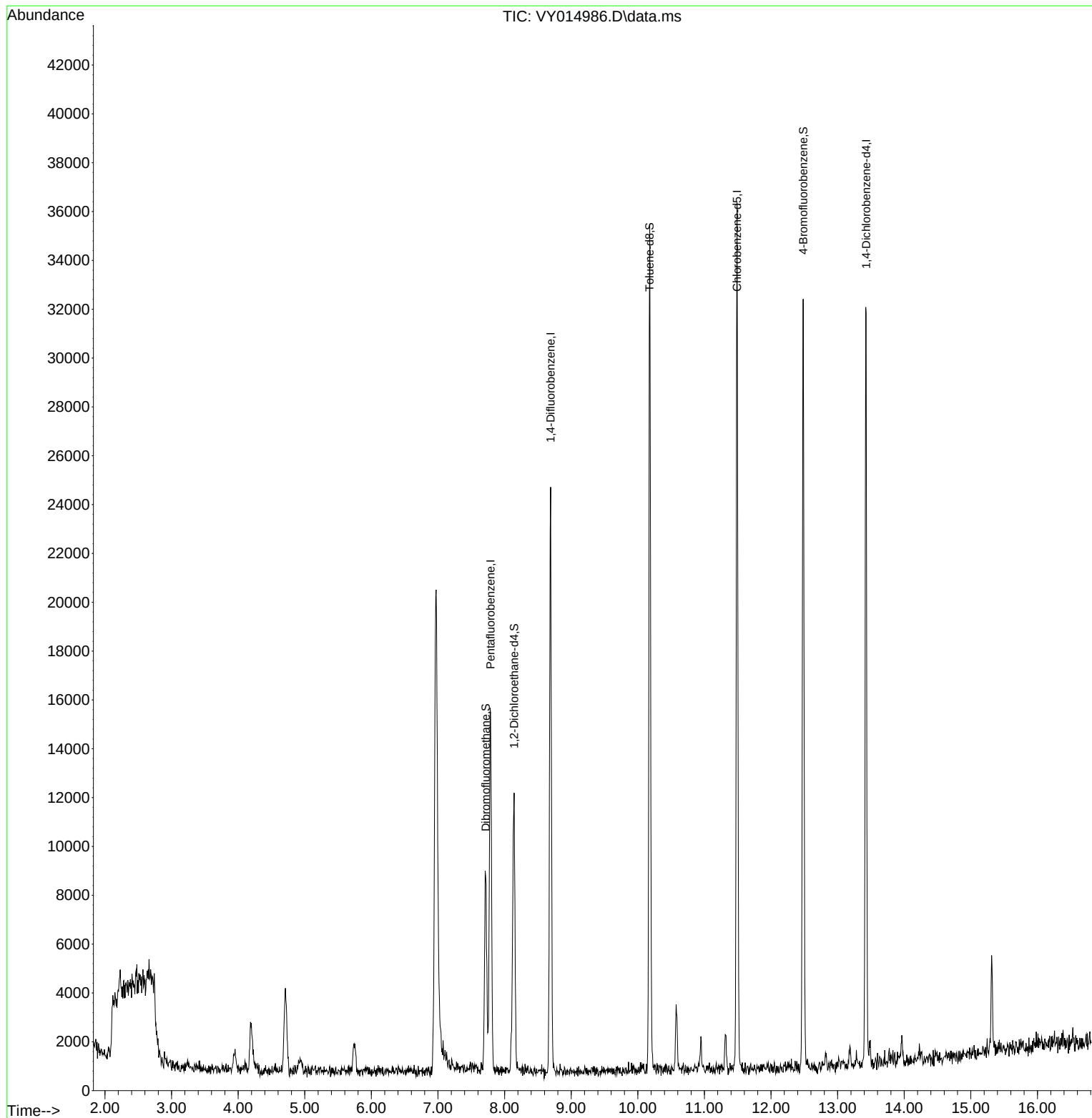
Target Compounds	Qvalue

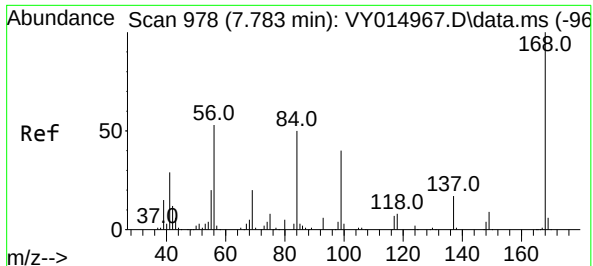
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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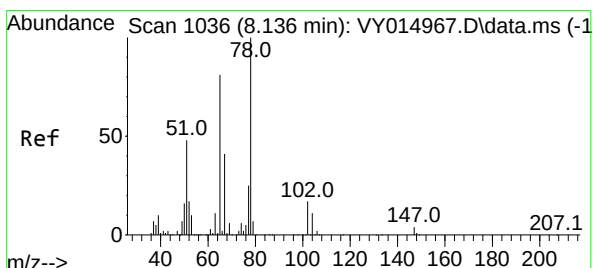
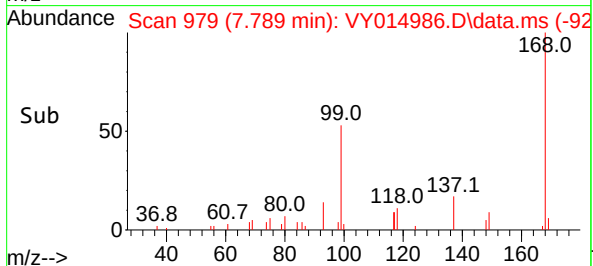
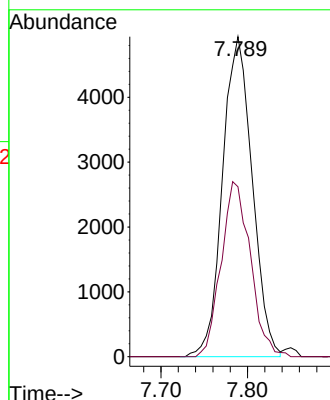
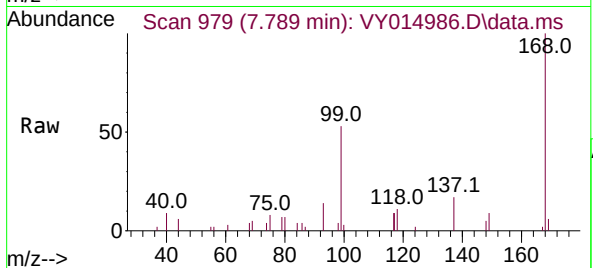




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014986.D
Acq: 08 Aug 2023 15:35

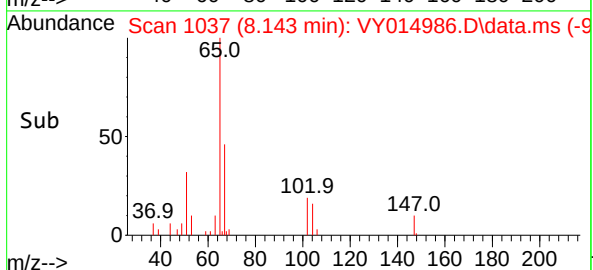
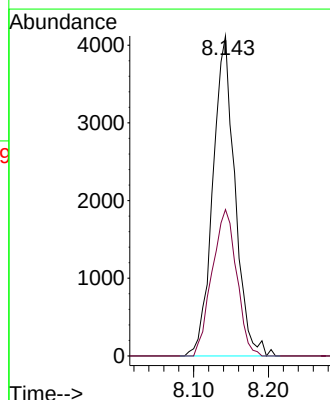
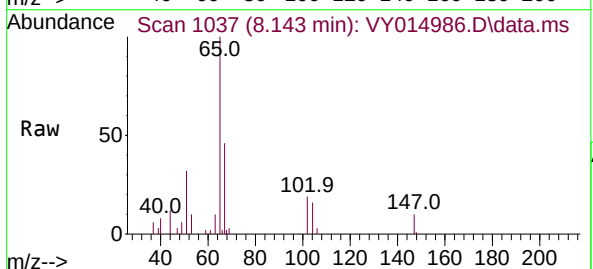
Instrument :
MSVOA_Y
ClientSampleId :
PSCR206(164716)

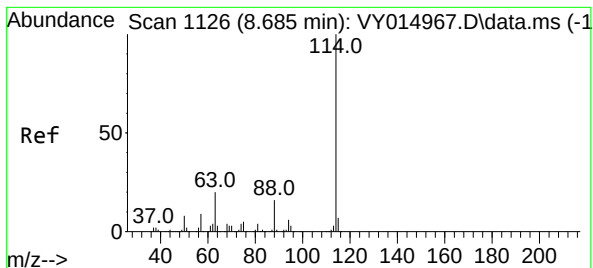
Tgt Ion:168 Resp: 11735
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.607 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014986.D
Acq: 08 Aug 2023 15:35

Tgt Ion: 65 Resp: 8478
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014986.D

Acq: 08 Aug 2023 15:35

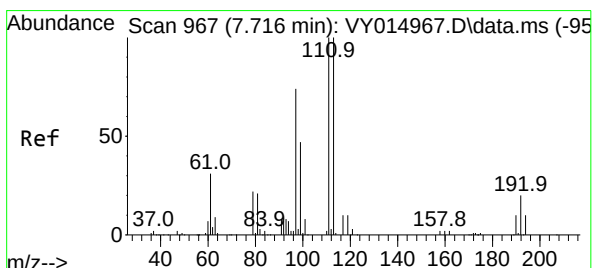
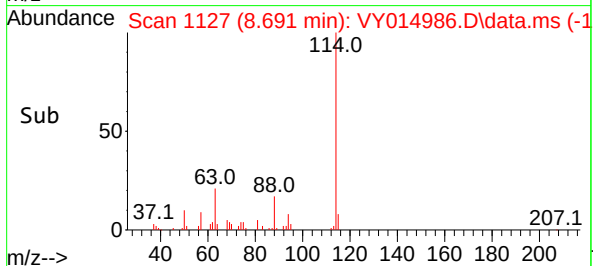
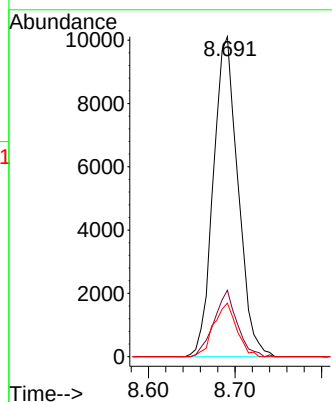
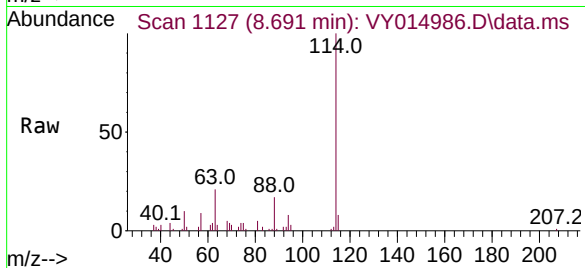
Instrument :

MSVOA_Y

ClientSampleId :

PSCR206(164716)

Tgt Ion:114	Resp:	20030
Ion	Ratio	Lower Upper
114	100	
63	20.7	0.0 42.4
88	16.8	0.0 30.6



#35

Dibromofluoromethane

Concen: 47.257 ug/l

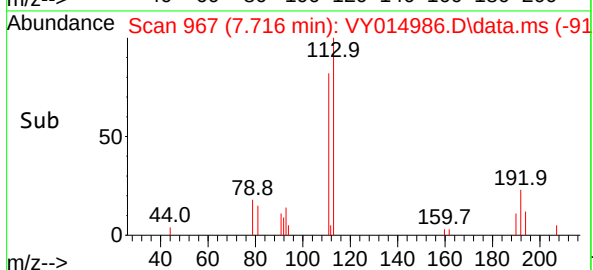
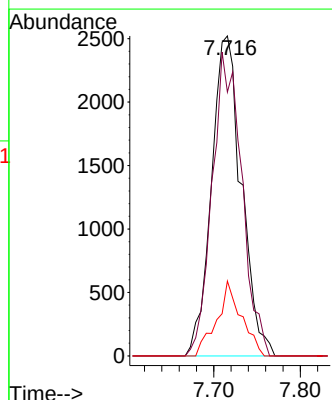
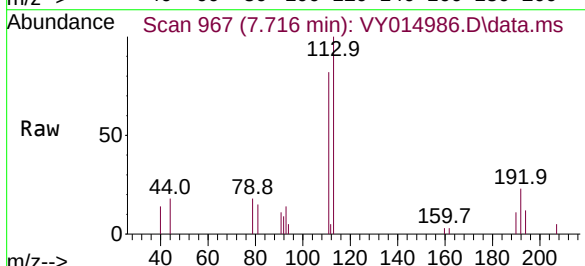
RT: 7.716 min Scan# 967

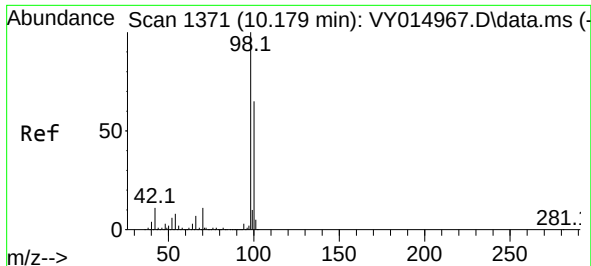
Delta R.T. 0.000 min

Lab File: VY014986.D

Acq: 08 Aug 2023 15:35

Tgt Ion:113	Resp:	6053
Ion	Ratio	Lower Upper
113	100	
111	93.9	81.3 121.9
192	19.1	16.9 25.3

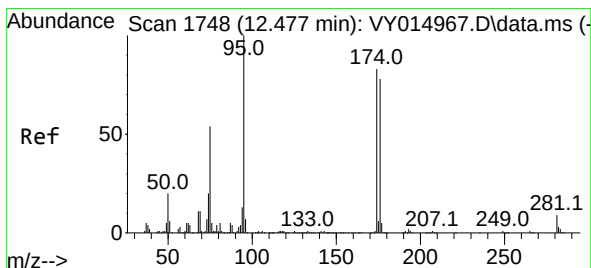
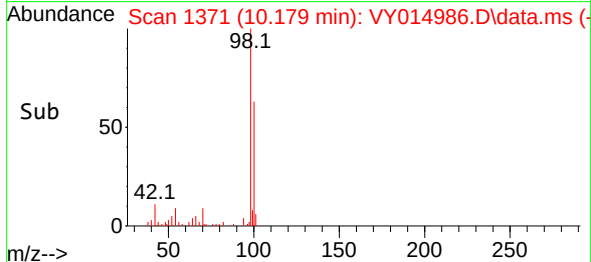
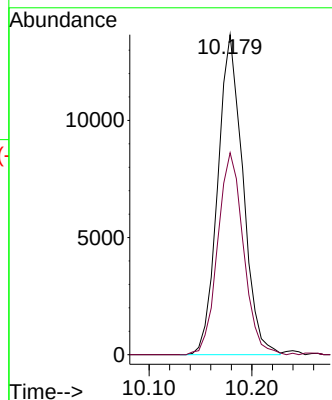
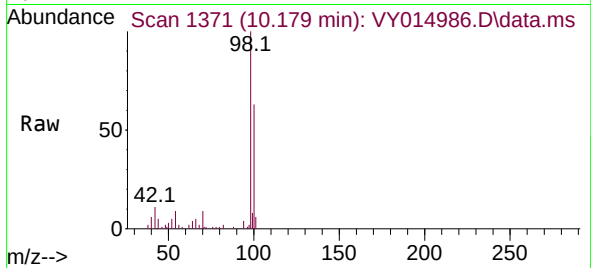




#50
Toluene-d8
Concen: 47.517 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014986.D
Acq: 08 Aug 2023 15:35

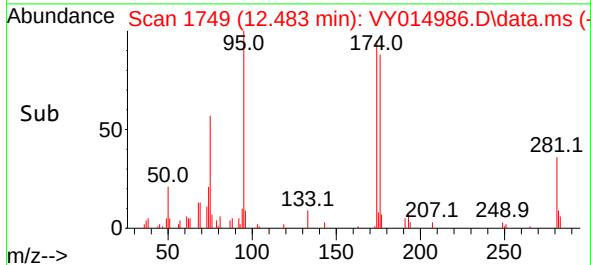
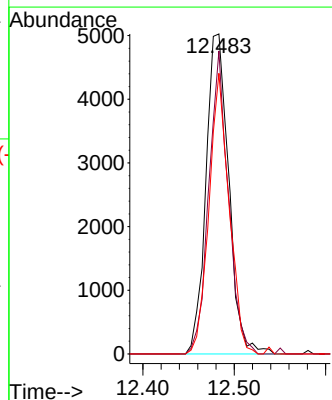
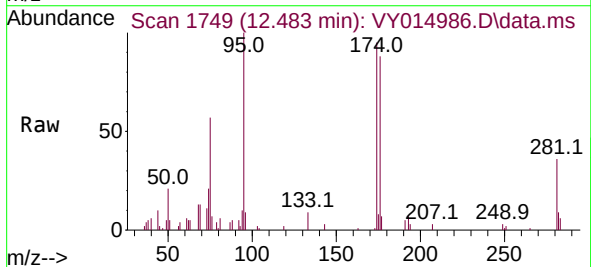
Instrument :
MSVOA_Y
ClientSampleId :
PSCR206(164716)

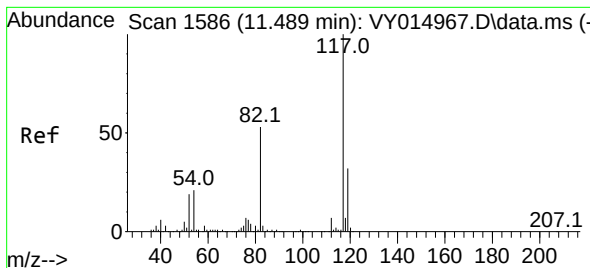
Tgt Ion: 98 Resp: 23166
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.252 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014986.D
Acq: 08 Aug 2023 15:35

Tgt Ion: 95 Resp: 8683
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.2
176 77.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014986.D

Acq: 08 Aug 2023 15:35

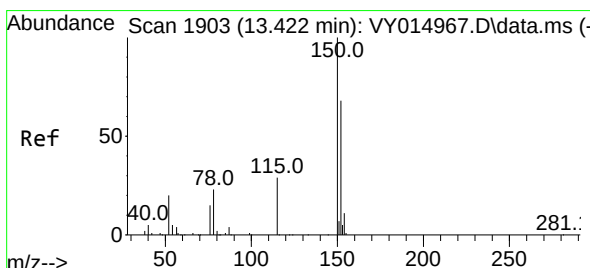
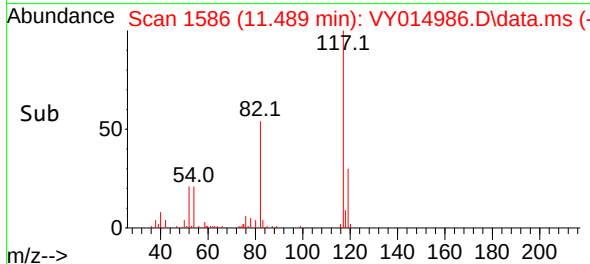
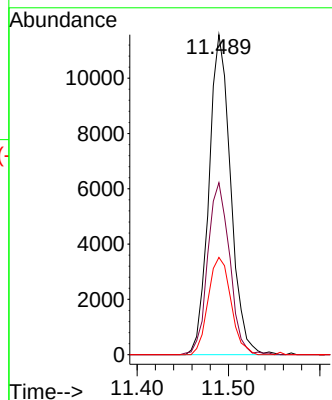
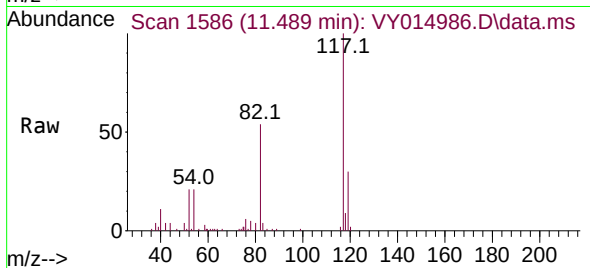
Instrument :

MSVOA_Y

ClientSampleId :

PSCR206(164716)

Tgt Ion:117	Resp:	19105
Ion Ratio	Lower	Upper
117	100	
82	53.8	43.4 65.0
119	30.4	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: VY014986.D

Acq: 08 Aug 2023 15:35

Tgt Ion:152	Resp:	8594
Ion Ratio	Lower	Upper
152	100	
115	55.9	28.8 86.5
150	142.6	0.0 348.8

