

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013429.D
 Acq On : 25 Apr 2023 05:24
 Operator : KP/MD
 Sample : 02423-02
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPD-1WC-23-04-18

Quant Time: Apr 25 07:17:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	52323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	80719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	74712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	31694	55.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.520%
35) Dibromofluoromethane	7.716	113	28955	57.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.060%
50) Toluene-d8	10.179	98	96747	53.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.140%
62) 4-Bromofluorobenzene	12.483	95	27605	45.339	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.680%

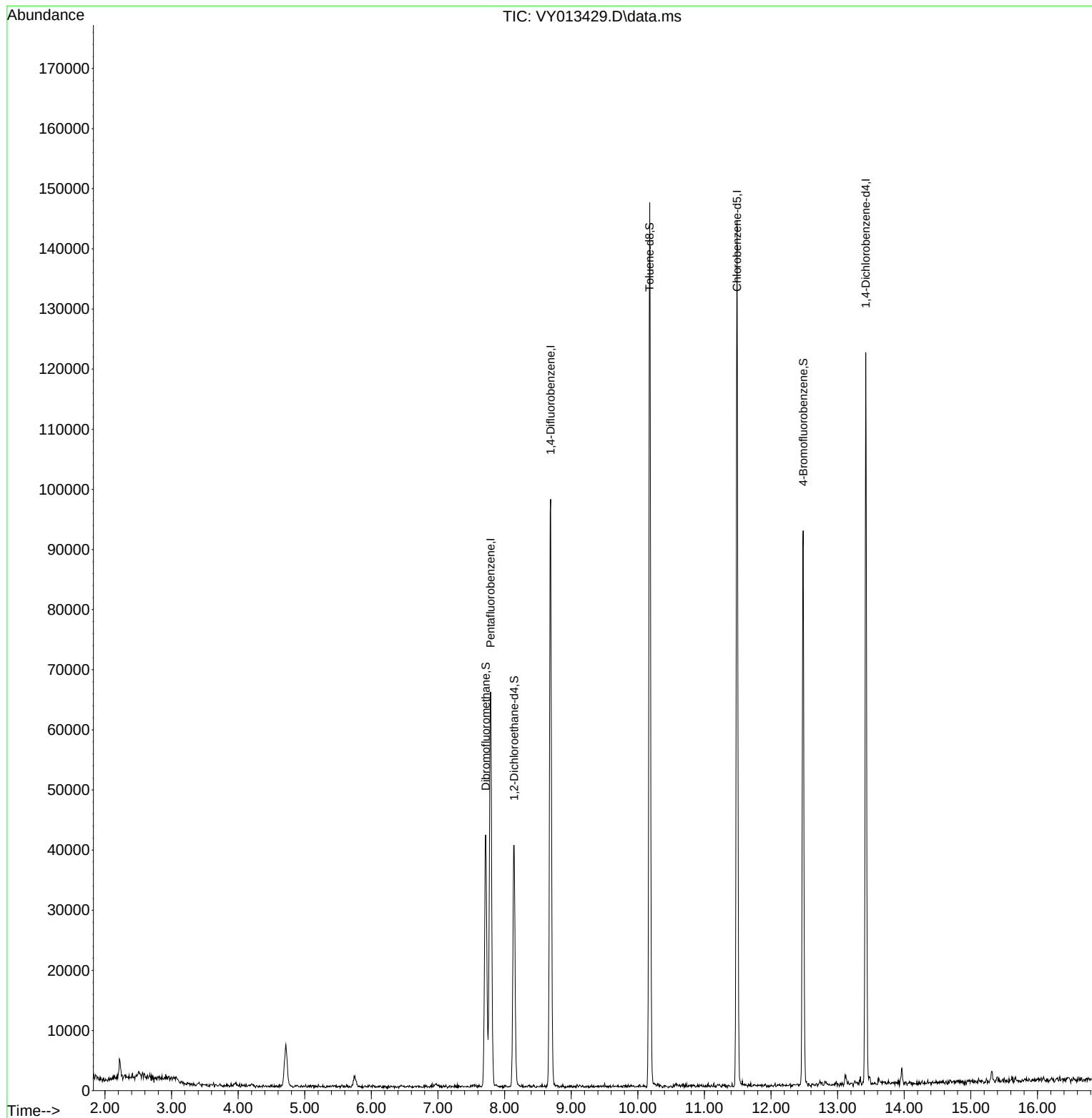
Target Compounds	Qvalue

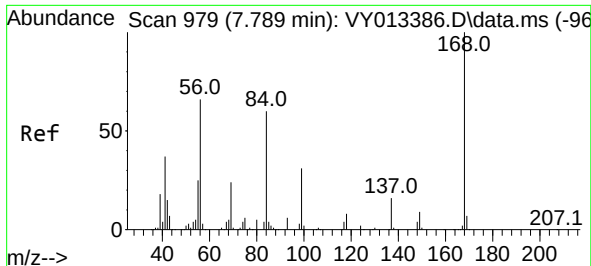
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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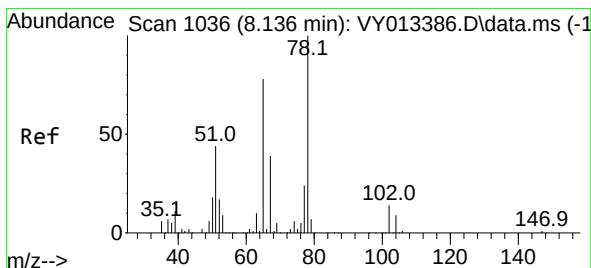
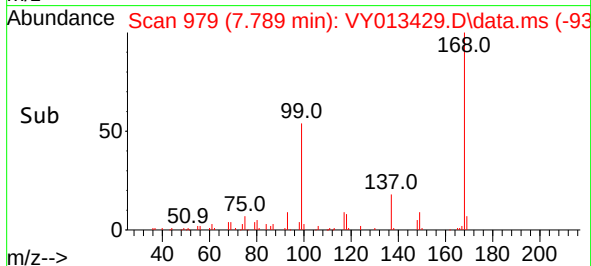
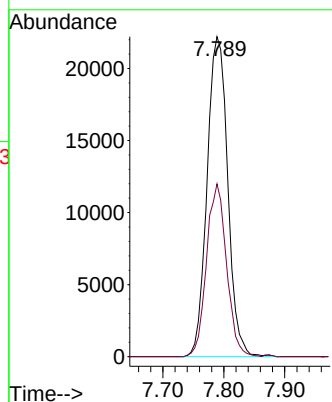
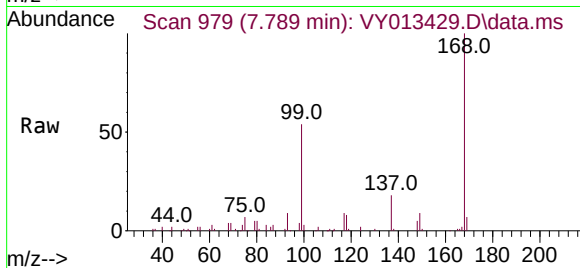




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013429.D
Acq: 25 Apr 2023 05:24

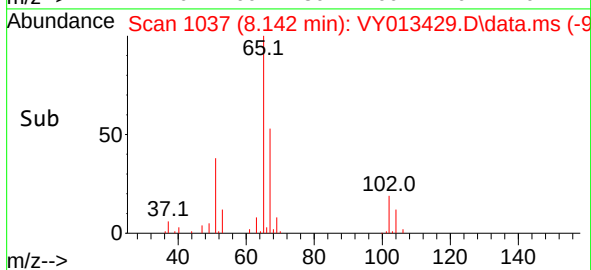
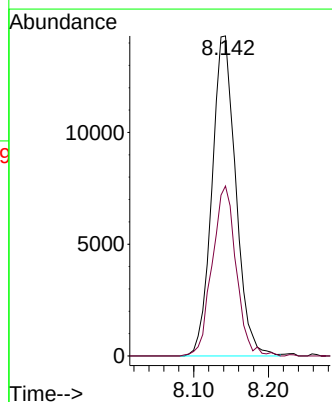
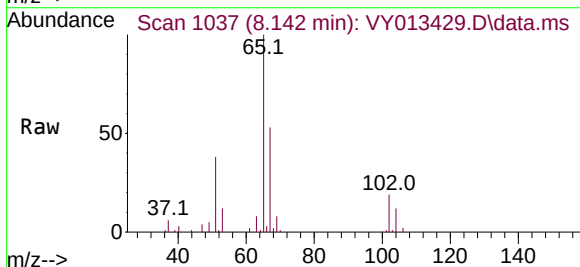
Instrument :
MSVOA_Y
ClientSampleId :
SPD-1WC-23-04-18

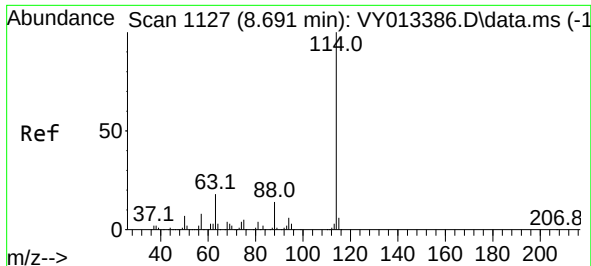
Tgt Ion:168 Resp: 52323
Ion Ratio Lower Upper
168 100
99 54.0 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 55.257 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013429.D
Acq: 25 Apr 2023 05:24

Tgt Ion: 65 Resp: 31694
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.4

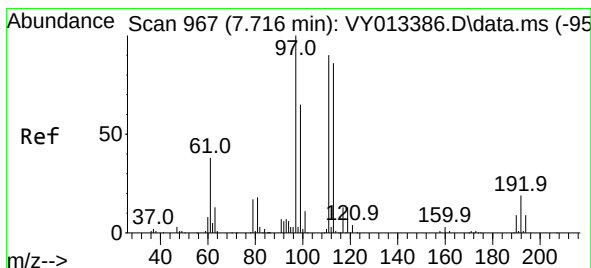
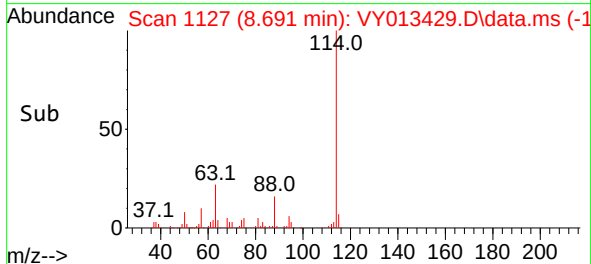
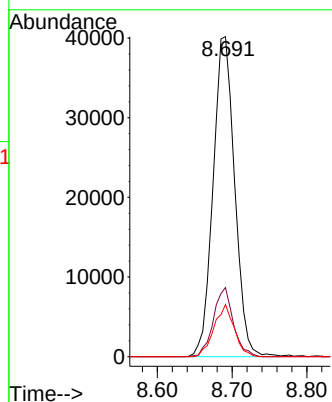
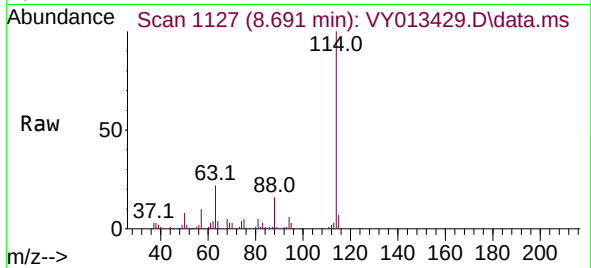




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013429.D
Acq: 25 Apr 2023 05:24

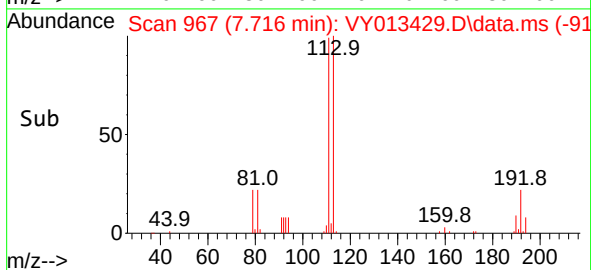
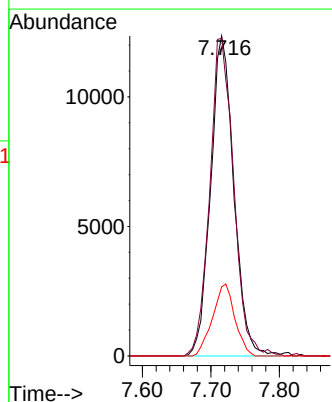
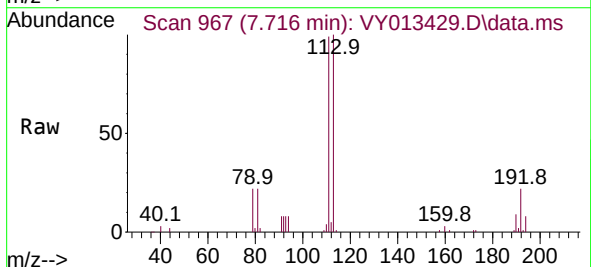
Instrument :
MSVOA_Y
ClientSampleId :
SPD-1WC-23-04-18

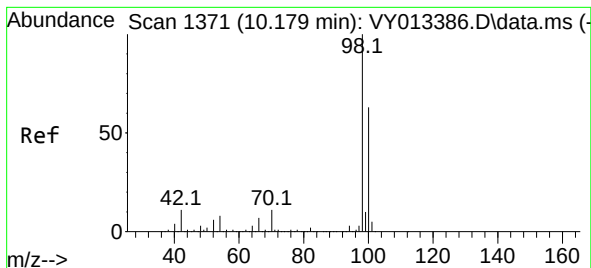
Tgt Ion:114	Resp:	80719
Ion Ratio	Lower	Upper
114	100	
63	21.6	0.0 36.6
88	16.3	0.0 28.8



#35
Dibromofluoromethane
Concen: 57.033 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013429.D
Acq: 25 Apr 2023 05:24

Tgt Ion:113	Resp:	28955
Ion Ratio	Lower	Upper
113	100	
111	103.0	82.2 123.2
192	21.6	16.7 25.1





#50

Toluene-d8

Concen: 53.568 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013429.D

Acq: 25 Apr 2023 05:24

Instrument :

MSVOA_Y

ClientSampleId :

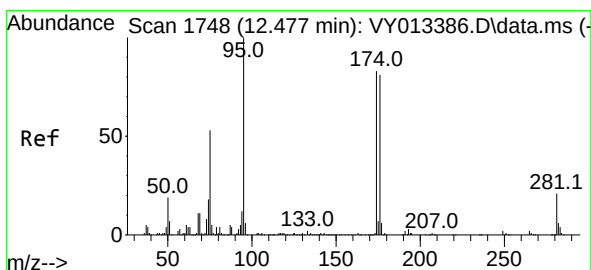
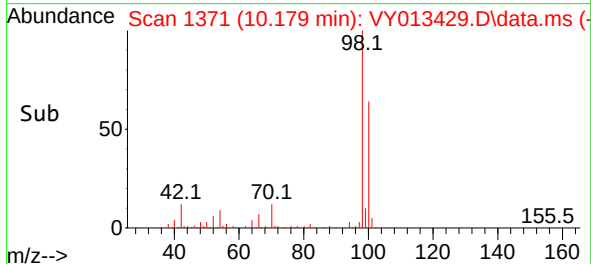
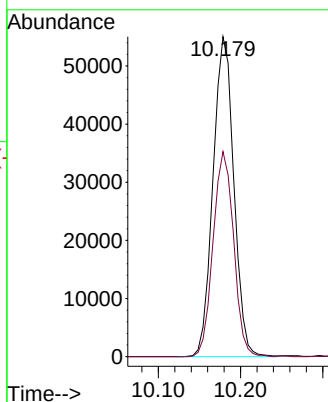
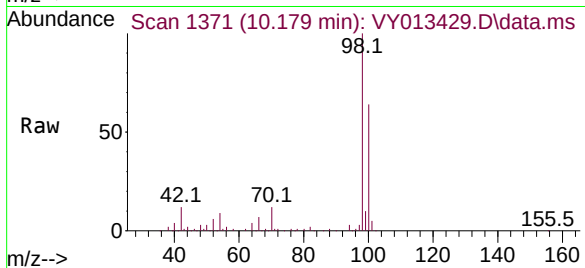
SPD-1WC-23-04-18

Tgt Ion: 98 Resp: 96747

Ion Ratio Lower Upper

98 100

100 63.3 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 45.339 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013429.D

Acq: 25 Apr 2023 05:24

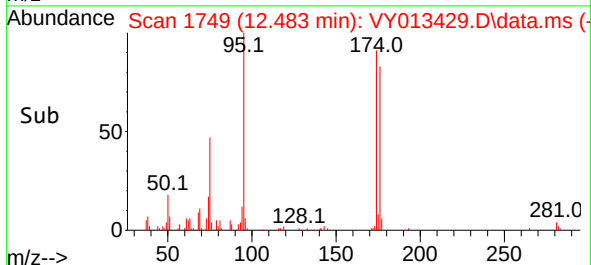
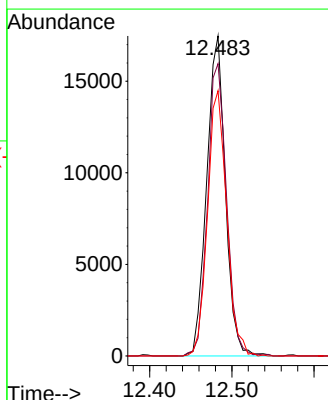
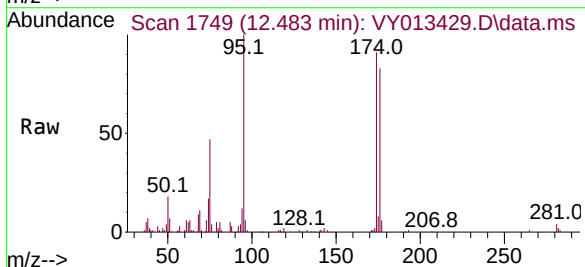
Tgt Ion: 95 Resp: 27605

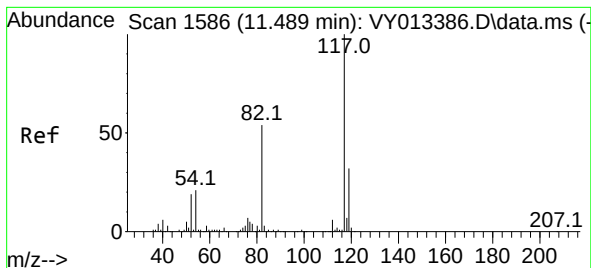
Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.0

176 85.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013429.D

Acq: 25 Apr 2023 05:24

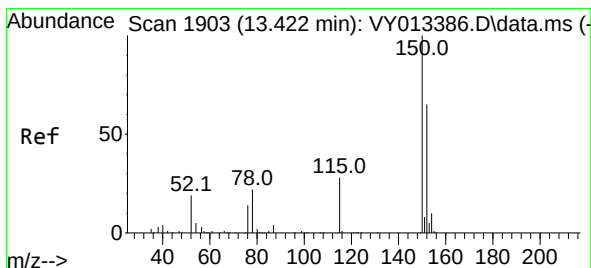
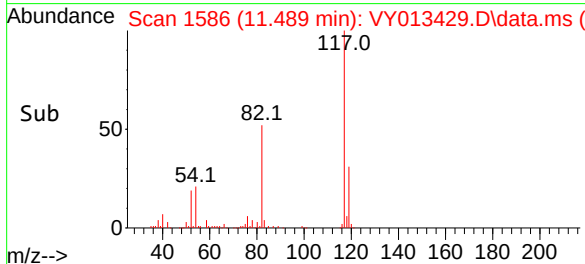
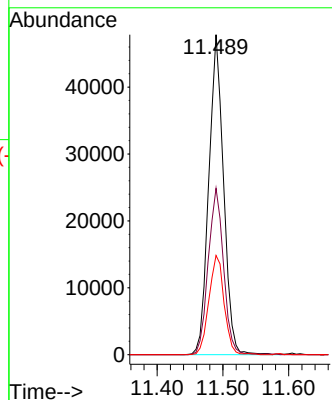
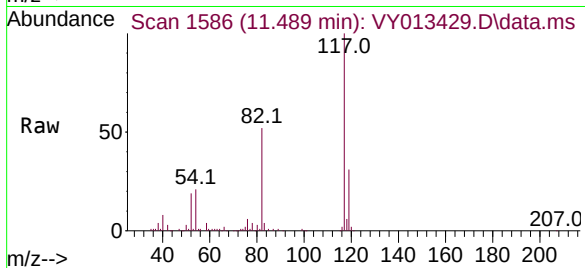
Instrument :

MSVOA_Y

ClientSampleId :

SPD-1WC-23-04-18

Tgt Ion:	117	Resp:	74712
Ion Ratio	Lower	Upper	
117	100		
82	52.0	43.0	64.6
119	31.0	25.5	38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013429.D

Acq: 25 Apr 2023 05:24

Tgt Ion:	152	Resp:	29950
Ion Ratio	Lower	Upper	
152	100		
115	55.4	28.1	84.2
150	159.7	0.0	352.0

