

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010529.D
 Acq On : 16 Sep 2022 12:33
 Operator : KP/MD
 Sample : N4509-05
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_116D-20220902

Quant Time: Sep 17 00:28:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	296221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111854	54.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.440%
35) Dibromofluoromethane	7.716	113	110587	46.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.320%
50) Toluene-d8	10.179	98	383903	49.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.483	95	134155	42.690	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.380%

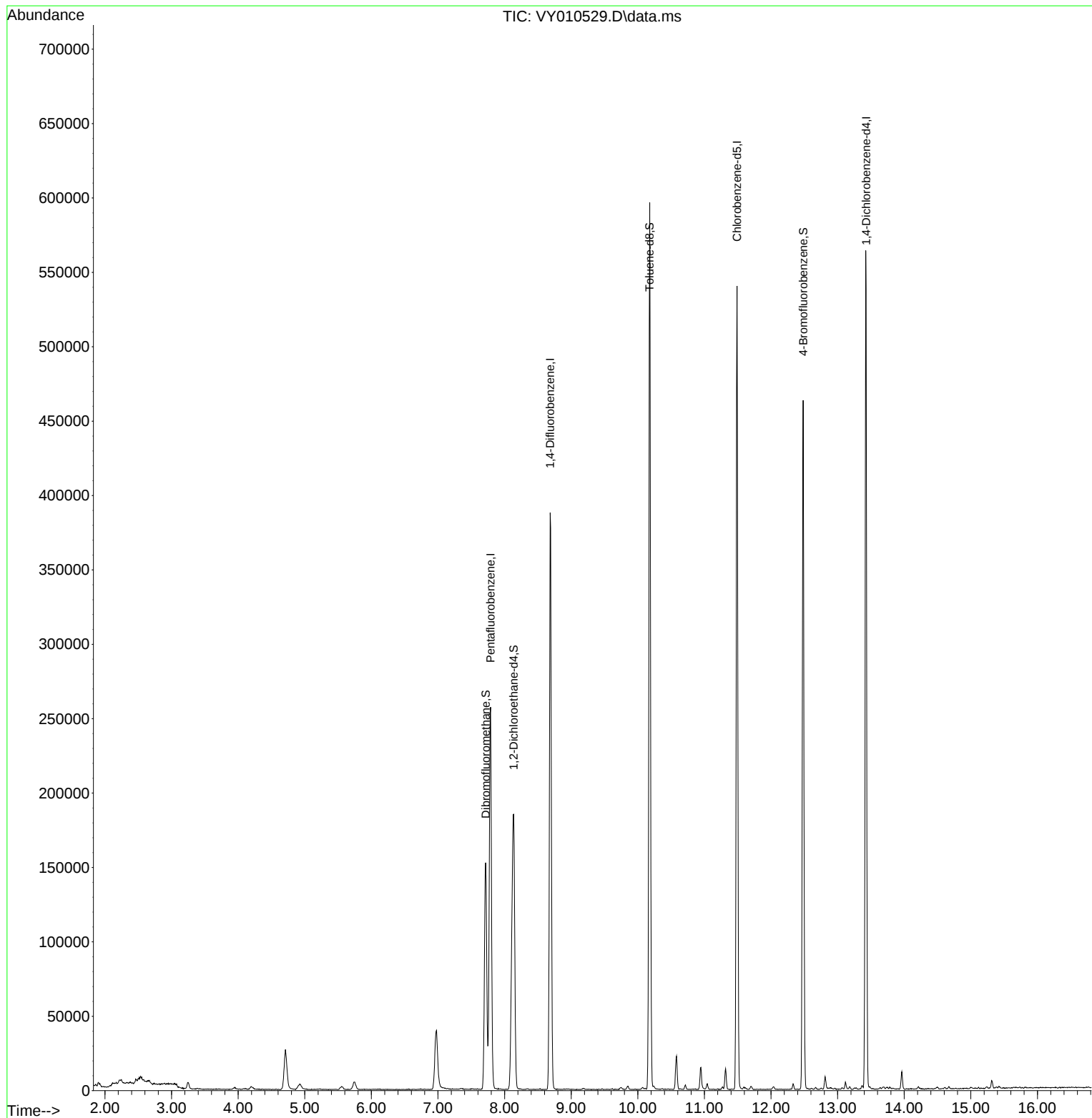
Target Compounds	Qvalue

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

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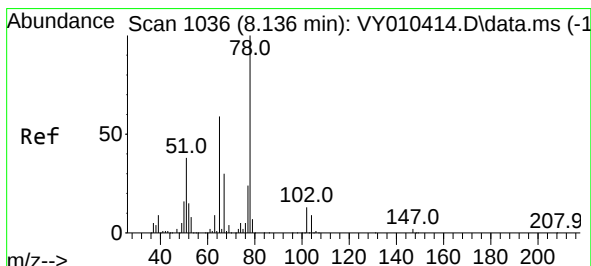
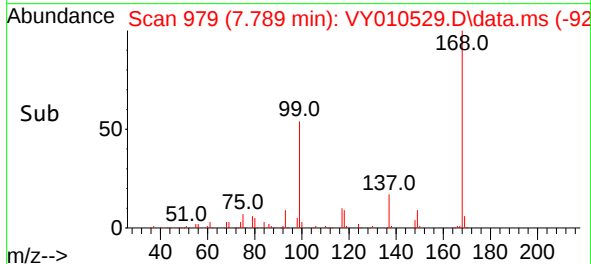
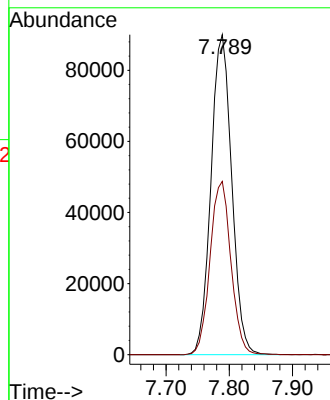
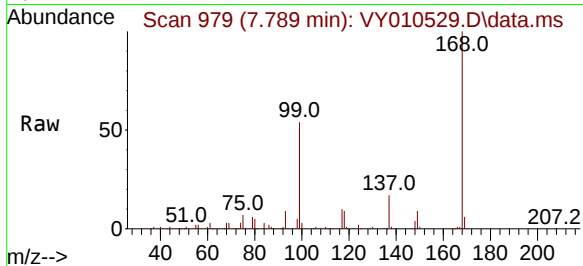




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010529.D
Acq: 16 Sep 2022 12:33

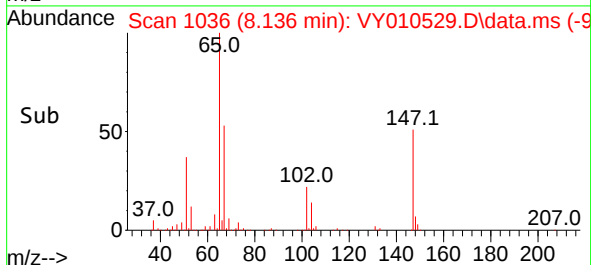
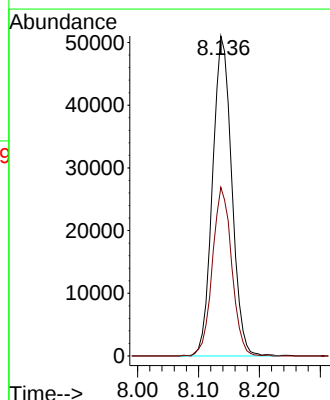
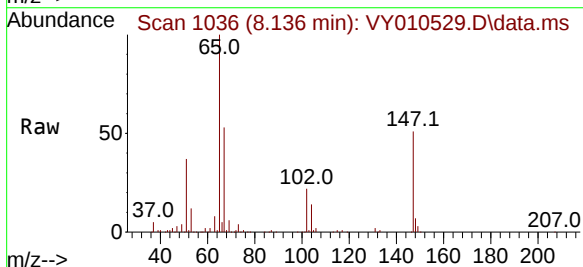
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902

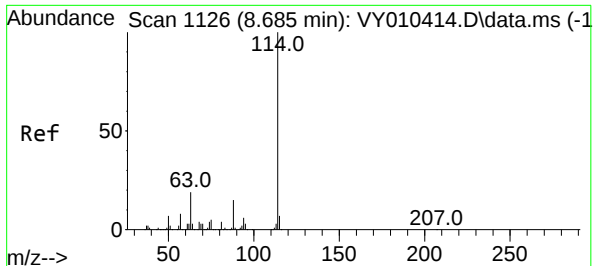
Tgt Ion:168 Resp: 204830
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.220 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010529.D
Acq: 16 Sep 2022 12:33

Tgt Ion: 65 Resp: 111854
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010529.D

Acq: 16 Sep 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

S1-SO_116D-20220902

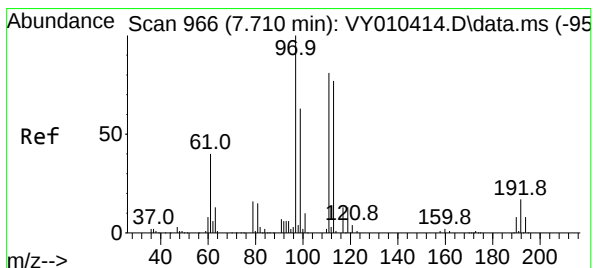
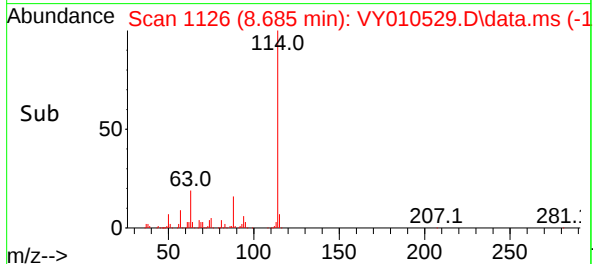
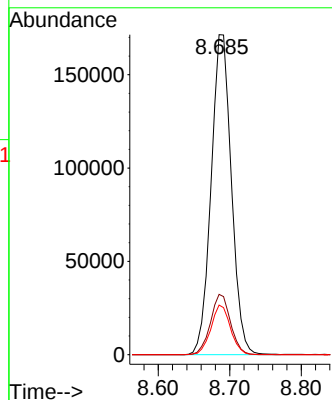
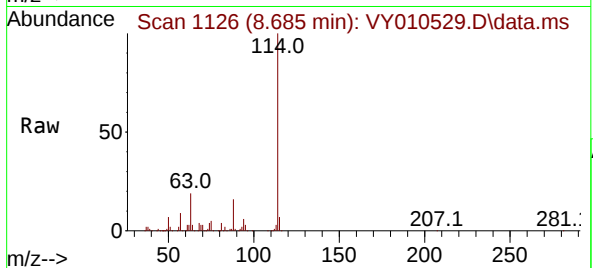
Tgt Ion:114 Resp: 337332

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.160 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010529.D

Acq: 16 Sep 2022 12:33

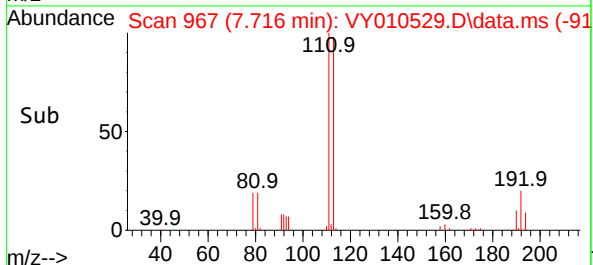
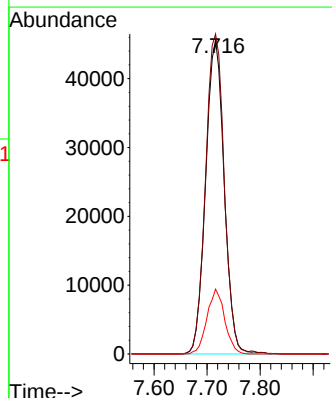
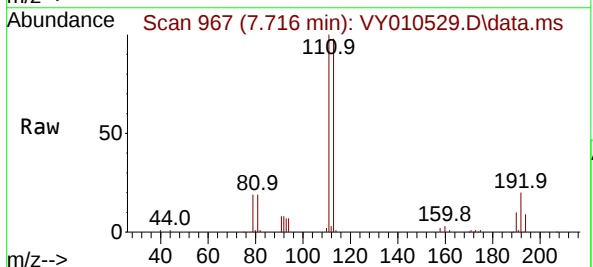
Tgt Ion:113 Resp: 110587

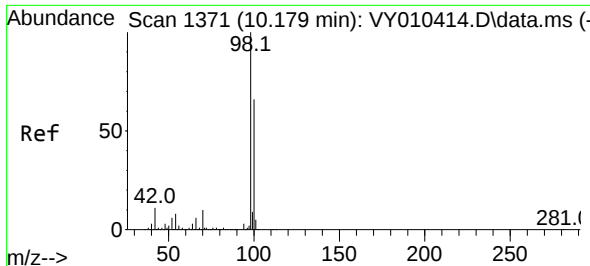
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.8 17.6 26.4

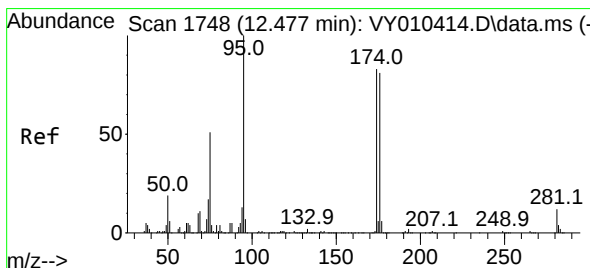
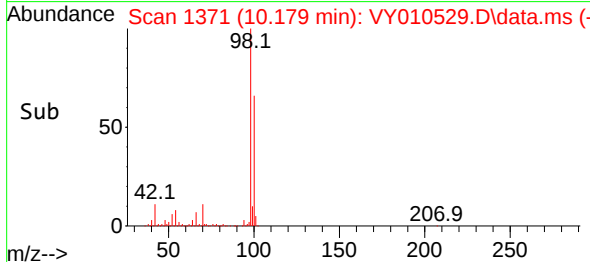
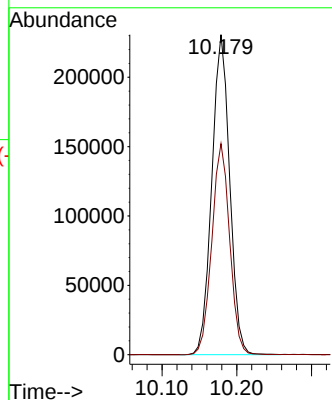
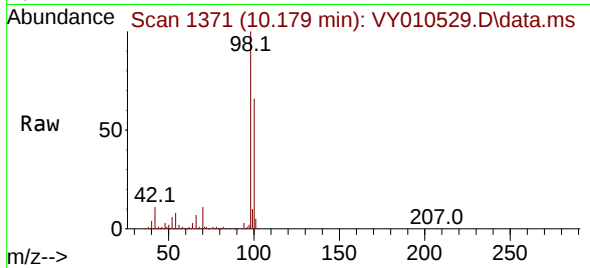




#50
Toluene-d8
Concen: 49.443 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010529.D
Acq: 16 Sep 2022 12:33

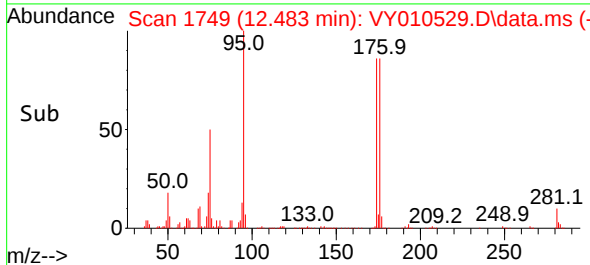
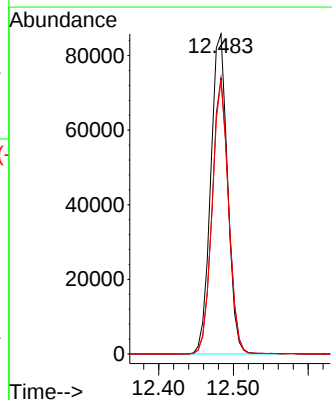
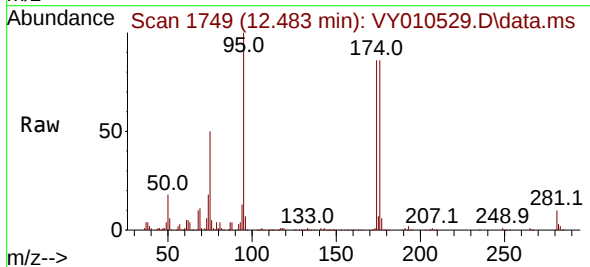
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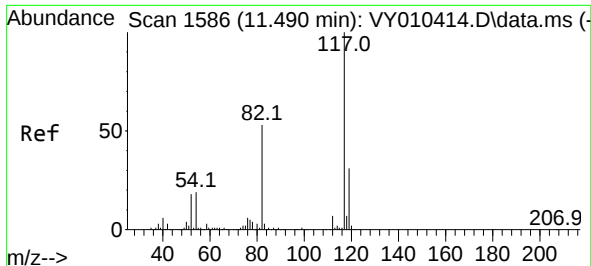
Tgt Ion: 98 Resp: 383903
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010529.D
Acq: 16 Sep 2022 12:33

Tgt Ion: 95 Resp: 134155
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 82.9 0.0 175.8

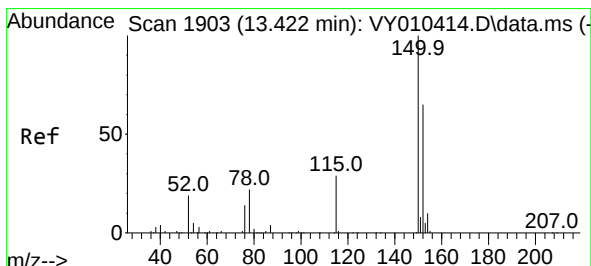
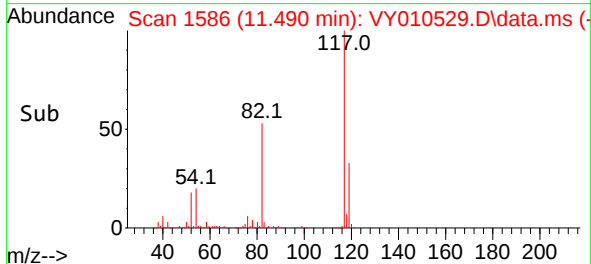
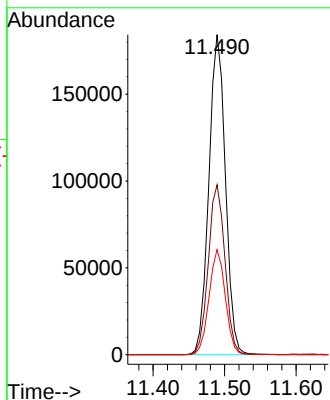
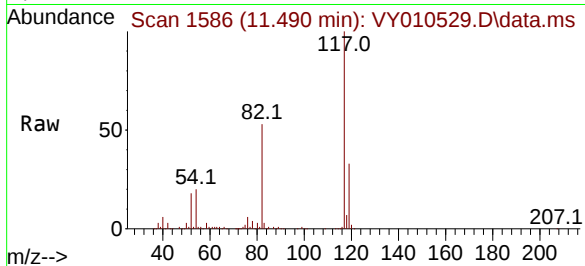




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010529.D
Acq: 16 Sep 2022 12:33

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902

Tgt Ion:	117	Resp:	296221
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	32.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010529.D
Acq: 16 Sep 2022 12:33

Tgt Ion:	152	Resp:	146145
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	157.4	0.0	347.6

