

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018144.D
 Acq On : 03 May 2024 15:45
 Operator : SY/MD
 Sample : P2362-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INSIDE

Quant Time: May 06 02:59:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	238308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	431584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	384740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103796	55.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.520%
35) Dibromofluoromethane	7.709	113	125415	50.567	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.140%
50) Toluene-d8	10.178	98	480303	49.605	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.483	95	154361	46.325	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.640%

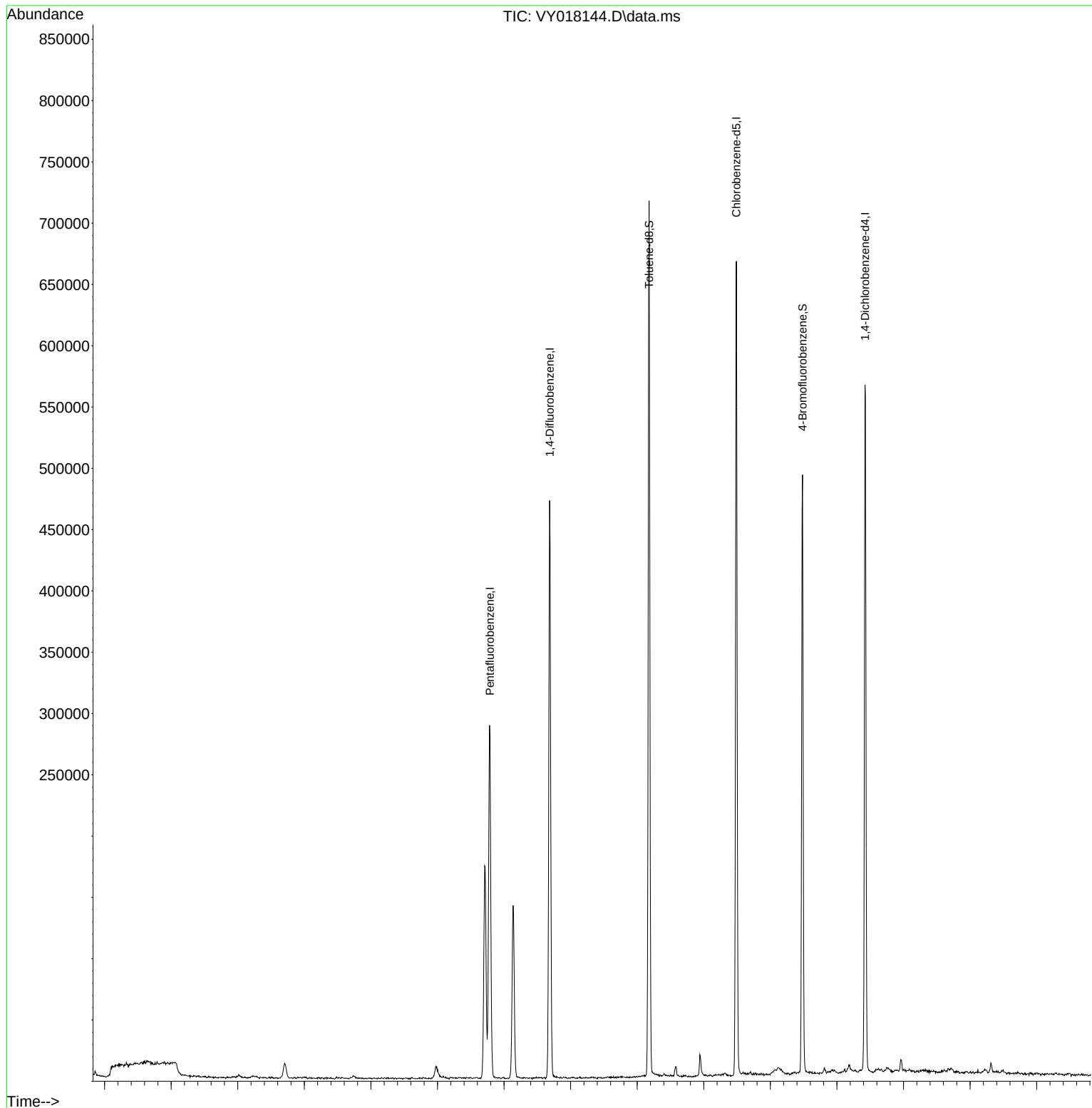
Target Compounds Qvalue

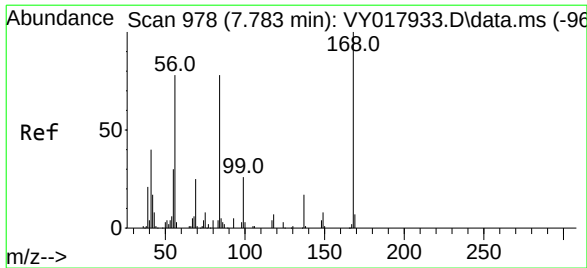
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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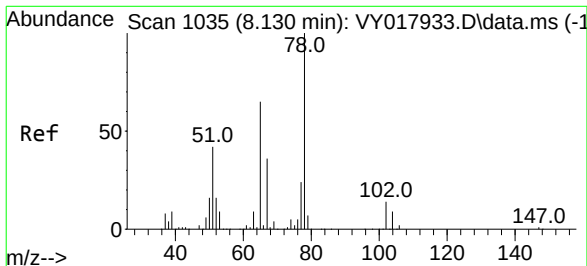
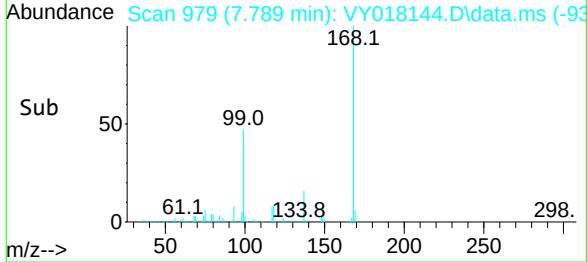
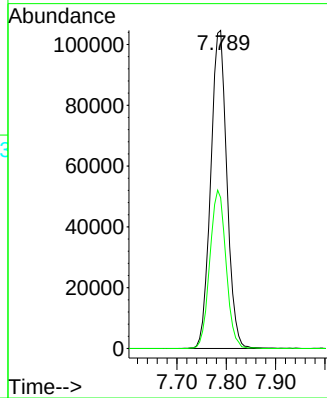
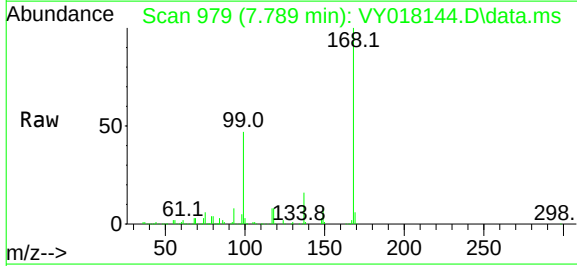




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 97
Delta R.T. -0.000 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

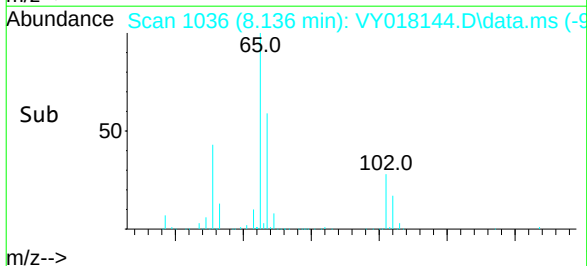
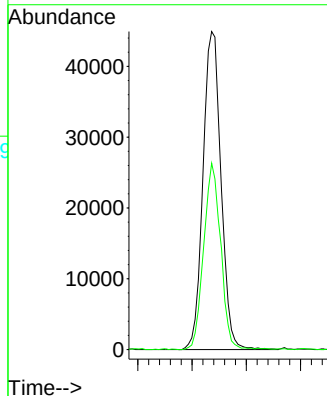
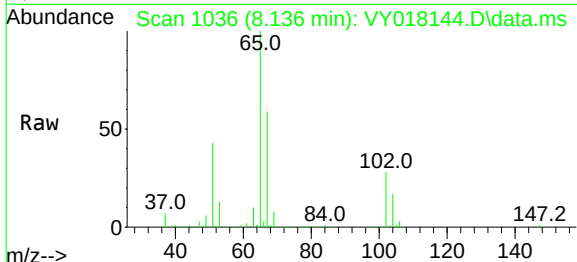
Instrument :
MSVOA_Y
ClientSampleId :
INSIDE

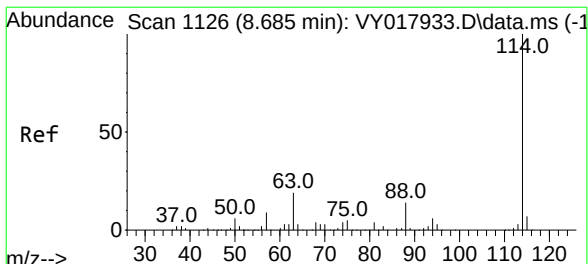
Tgt Ion:168 Resp: 238308
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.257 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

Tgt Ion: 65 Resp: 103796
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

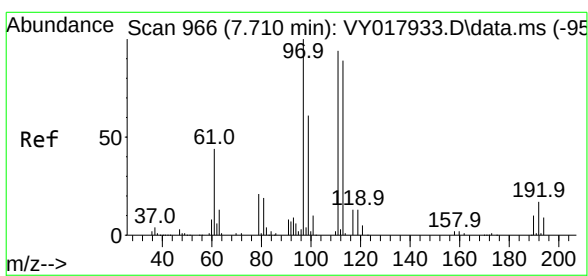
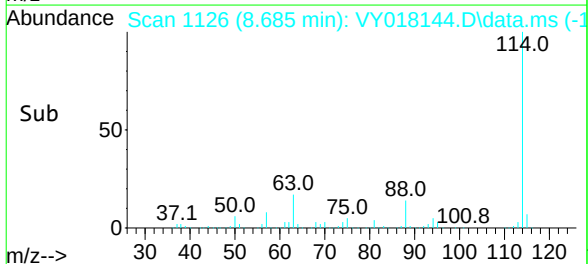
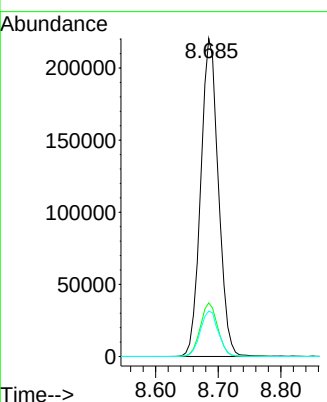
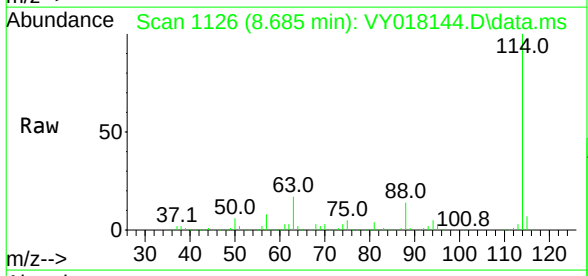




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY018144.D
 Acq: 03 May 2024 15:45

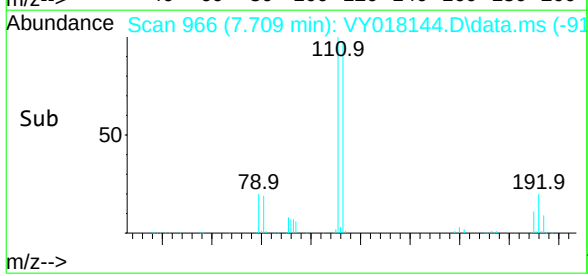
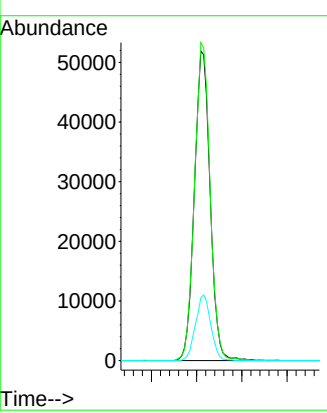
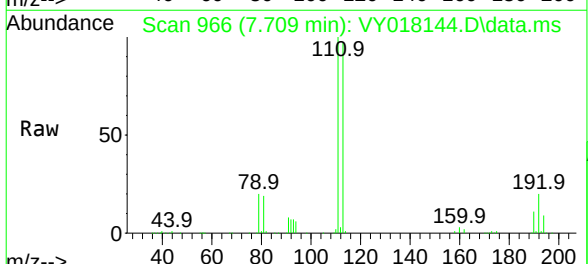
Instrument :
 MSVOA_Y
 ClientSampleId :
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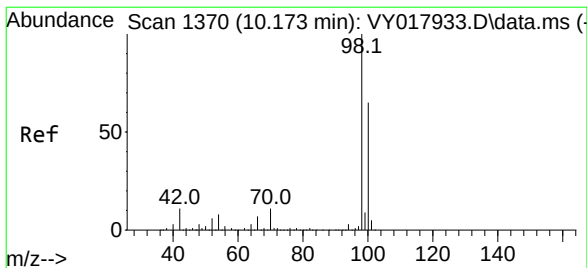
Tgt Ion:	114	Resp:	431584
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.0
88	14.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 50.567 ug/l
 RT: 7.709 min Scan# 966
 Delta R.T. -0.013 min
 Lab File: VY018144.D
 Acq: 03 May 2024 15:45

Tgt Ion:	113	Resp:	125415
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	20.6	15.9	23.9





#50

Toluene-d8

Concen: 49.605 ug/l

RT: 10.178 min Scan# 1370

Delta R.T. -0.001 min

Lab File: VY018144.D

Acq: 03 May 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

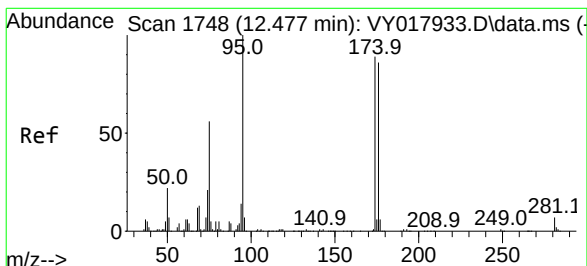
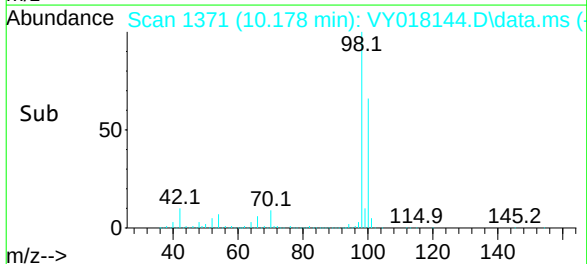
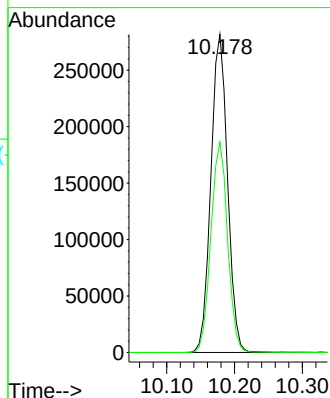
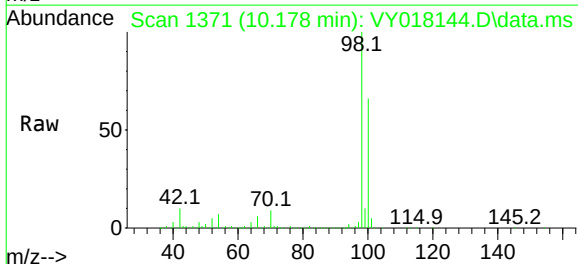
INSIDE

Tgt Ion: 98 Resp: 480303

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.325 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018144.D

Acq: 03 May 2024 15:45

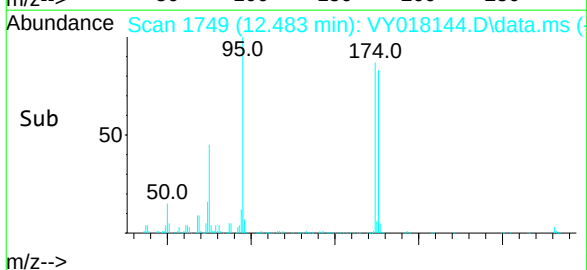
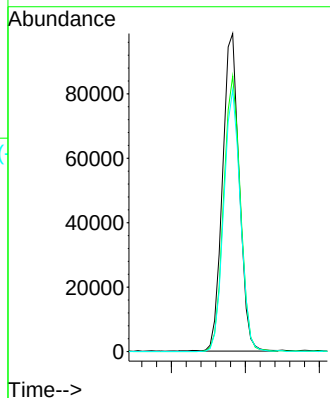
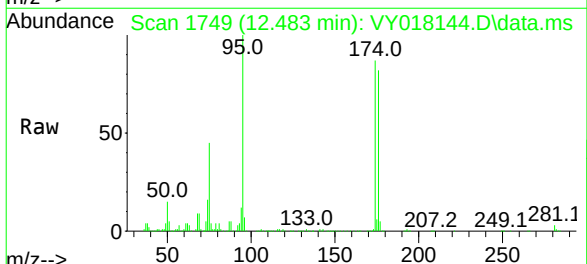
Tgt Ion: 95 Resp: 154361

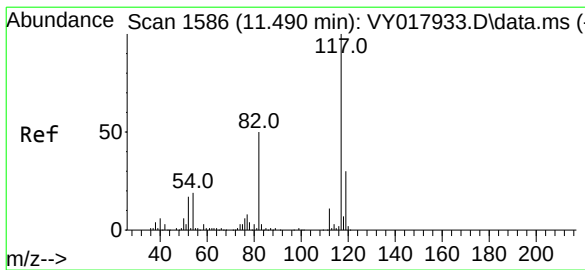
Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 82.3 0.0 171.4

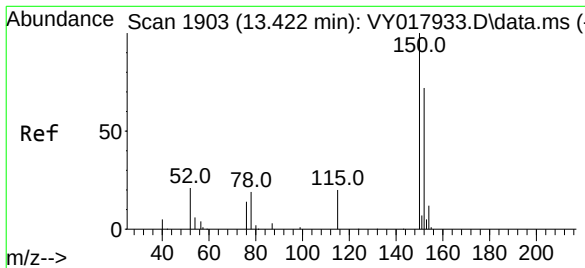
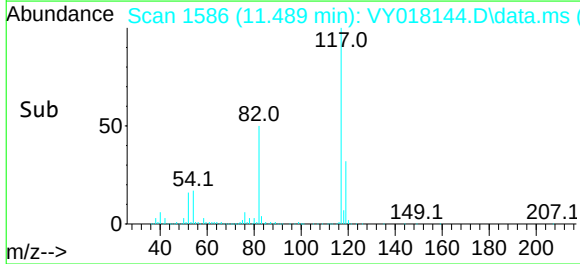
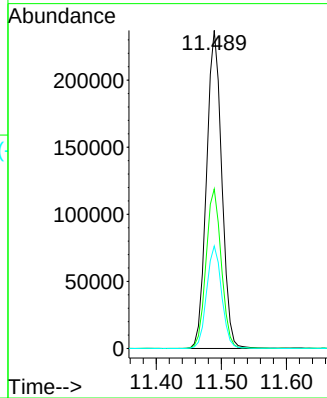
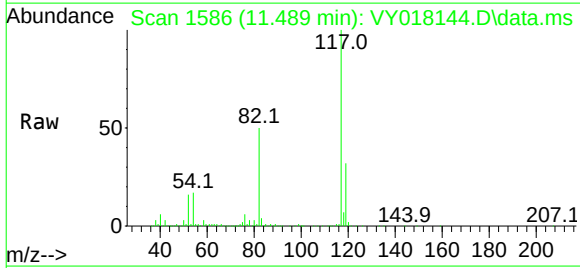




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

Instrument :
MSVOA_Y
ClientSampleId :
INSIDE

Tgt Ion:	117	Resp:	384740
Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.4	63.6
119	32.2	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018144.D
Acq: 03 May 2024 15:45

Tgt Ion:	152	Resp:	154692
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	158.2	0.0	345.6

