

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020369.D
 Acq On : 20 Nov 2024 18:58
 Operator : SY/MD
 Sample : P4860-06
 Misc : 7.41g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH2-BOT-009

Quant Time: Nov 21 00:52:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	142975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	273649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	253521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	99327	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	84547	51.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.940%
35) Dibromofluoromethane	7.634	113	84465	48.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.280%
50) Toluene-d8	10.103	98	332194	48.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.402	95	111020	49.963	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.920%

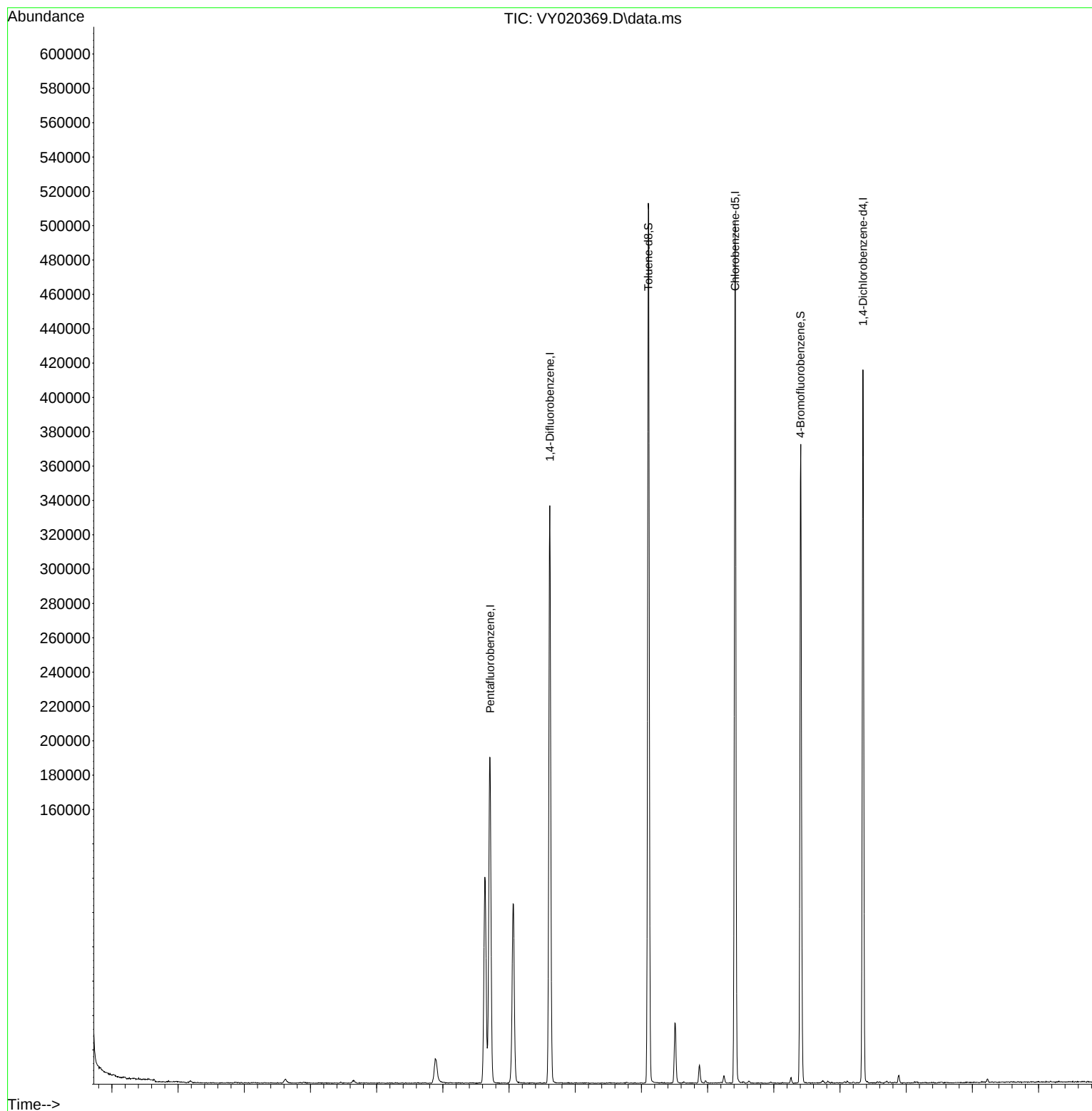
Target Compounds	Qvalue

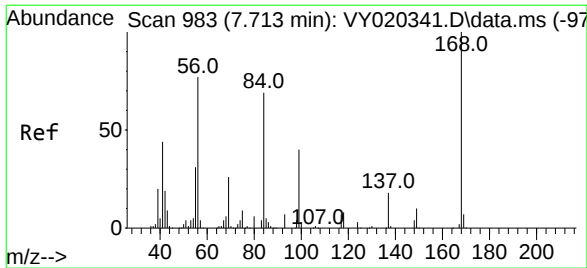
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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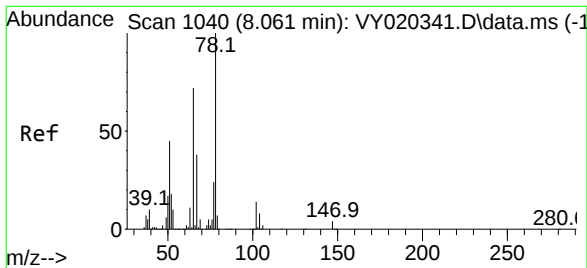
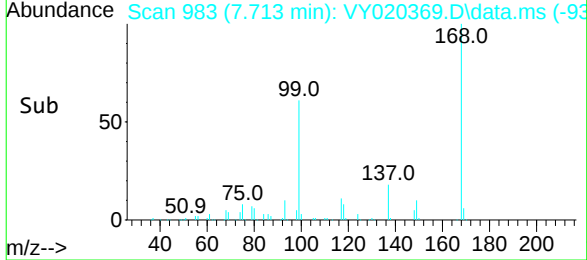
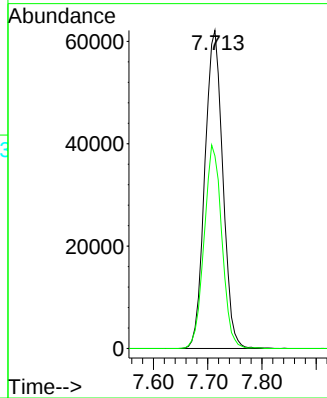
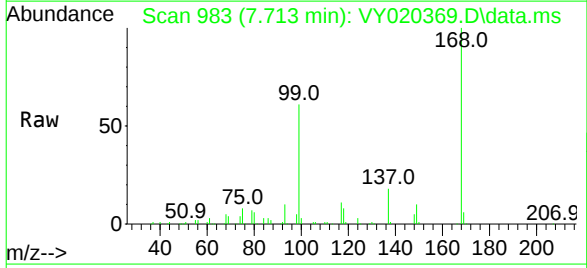




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

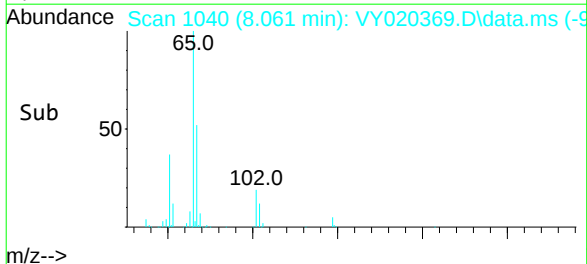
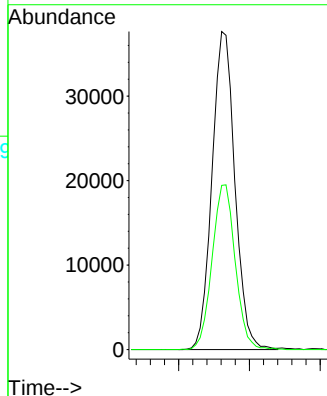
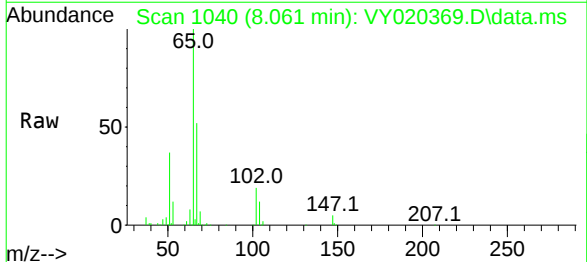
Instrument :
MSVOA_Y
ClientSampleId :
PH2-BOT-009

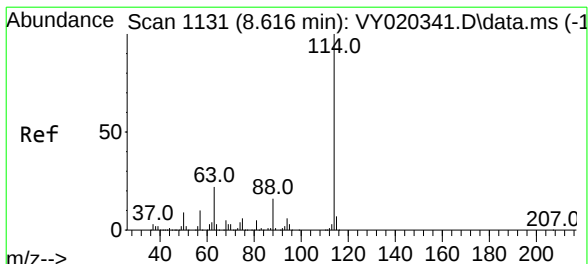
Tgt Ion:168 Resp: 142975
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 51.471 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

Tgt Ion: 65 Resp: 84547
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8

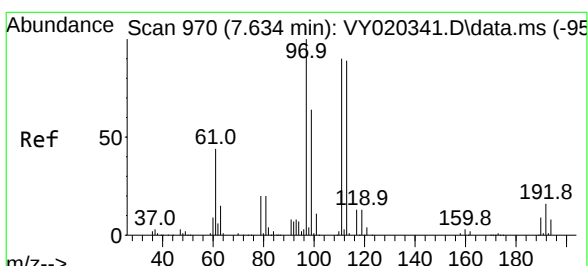
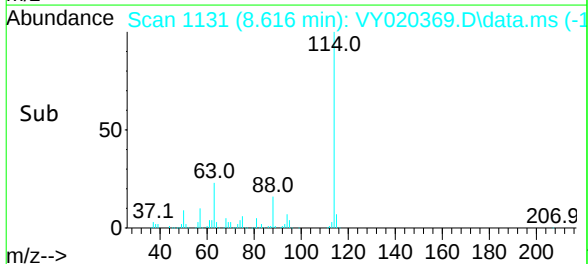
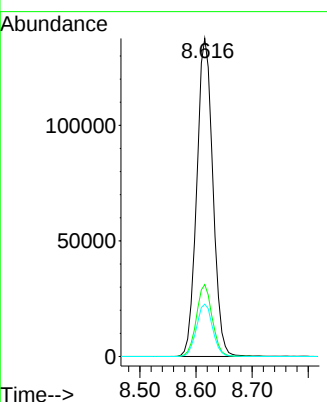
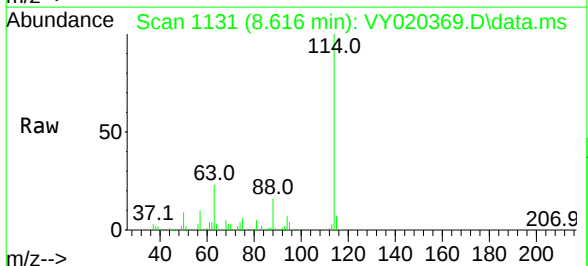




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020369.D
 Acq: 20 Nov 2024 18:58

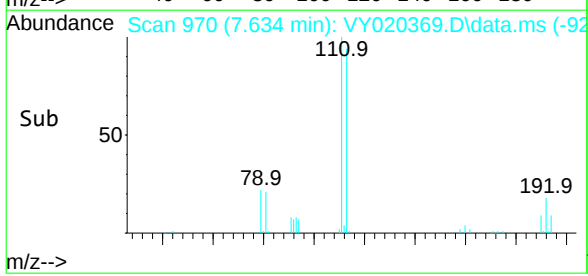
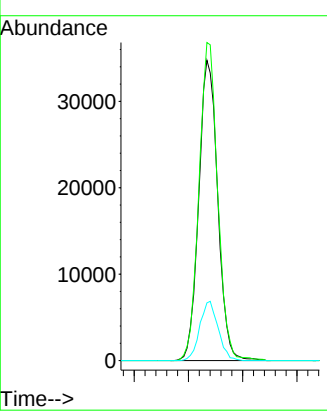
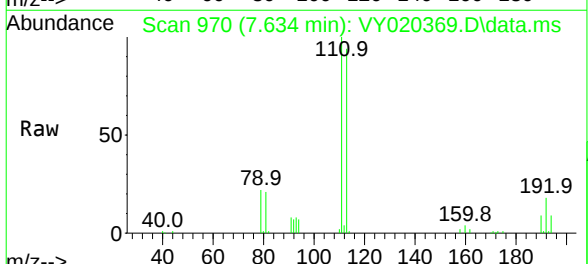
Instrument :
 MSVOA_Y
 ClientSampleId :
 PH2-BOT-009

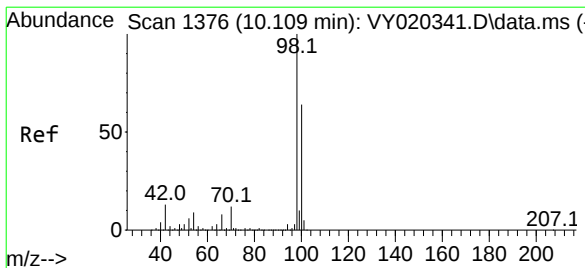
Tgt Ion:	114	Resp:	273649
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.8
88	16.4	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.136 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY020369.D
 Acq: 20 Nov 2024 18:58

Tgt Ion:	113	Resp:	84465
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.0
192	19.1	15.1	22.7





#50

Toluene-d8

Concen: 48.059 ug/l

RT: 10.103 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020369.D

Acq: 20 Nov 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

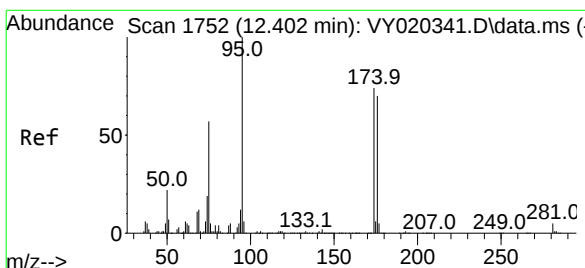
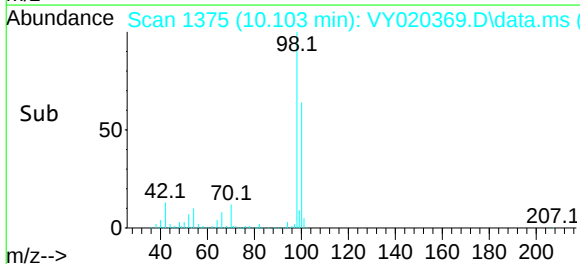
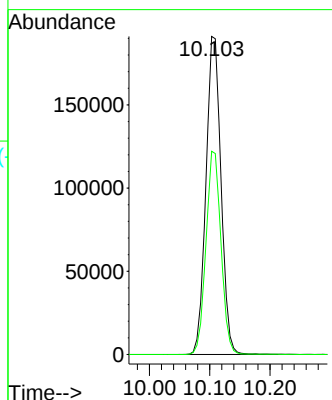
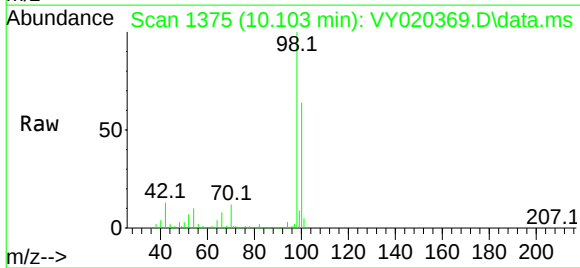
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Tgt Ion: 98 Resp: 332194

Ion Ratio Lower Upper

98 100

100 63.6 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 49.963 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY020369.D

Acq: 20 Nov 2024 18:58

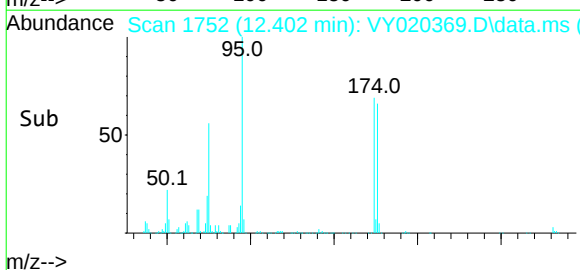
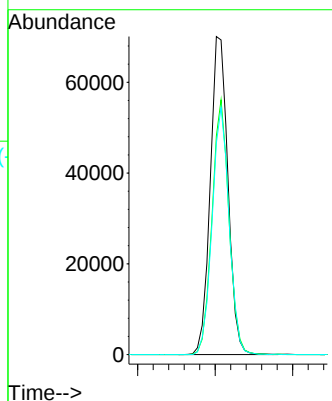
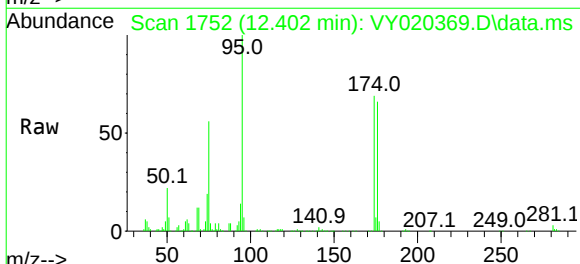
Tgt Ion: 95 Resp: 111020

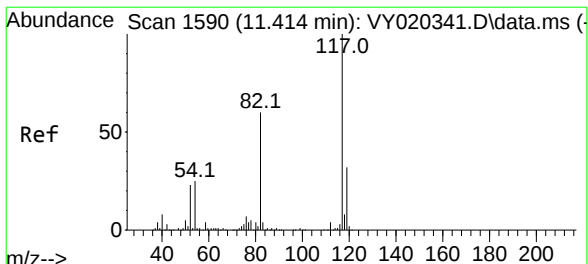
Ion Ratio Lower Upper

95 100

174 76.6 0.0 156.8

176 74.7 0.0 152.0

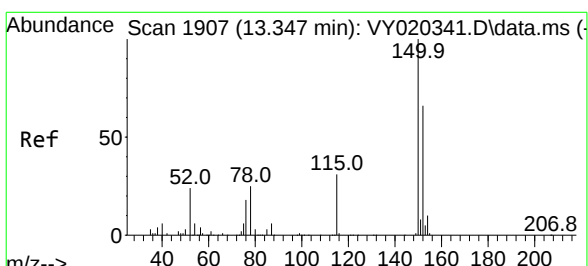
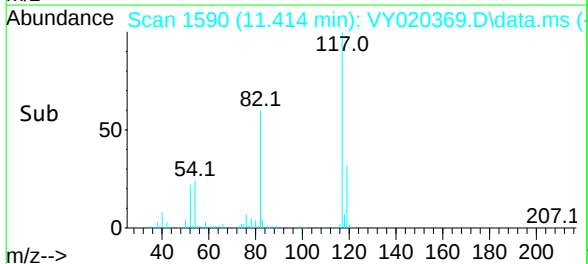
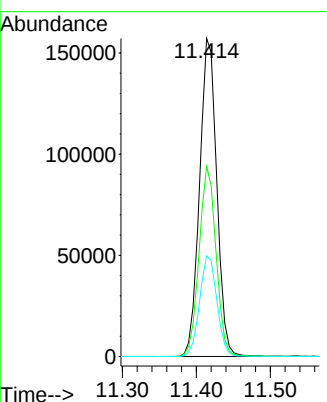
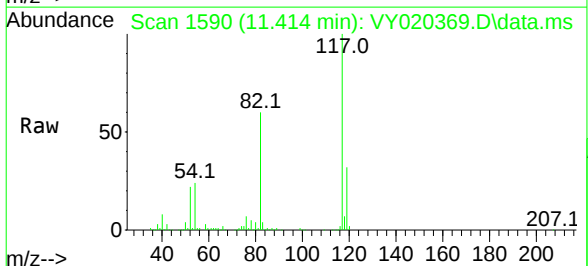




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :
PH2-BOT-009

Tgt Ion:	117	Resp:	253521
Ion	Ratio	Lower	Upper
117	100		
82	59.8	48.2	72.4
119	31.7	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

Tgt Ion:	152	Resp:	99327
Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.0	90.0
150	155.9	0.0	348.2

