

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111924\
 Data File : VY020344.D
 Acq On : 19 Nov 2024 18:06
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 20 01:29:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 01:27:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	183208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	347491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	114379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	109937	52.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.460%
35) Dibromofluoromethane	7.640	113	107006	48.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.040%
50) Toluene-d8	10.103	98	423226	48.218	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.401	95	135987	48.194	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.380%

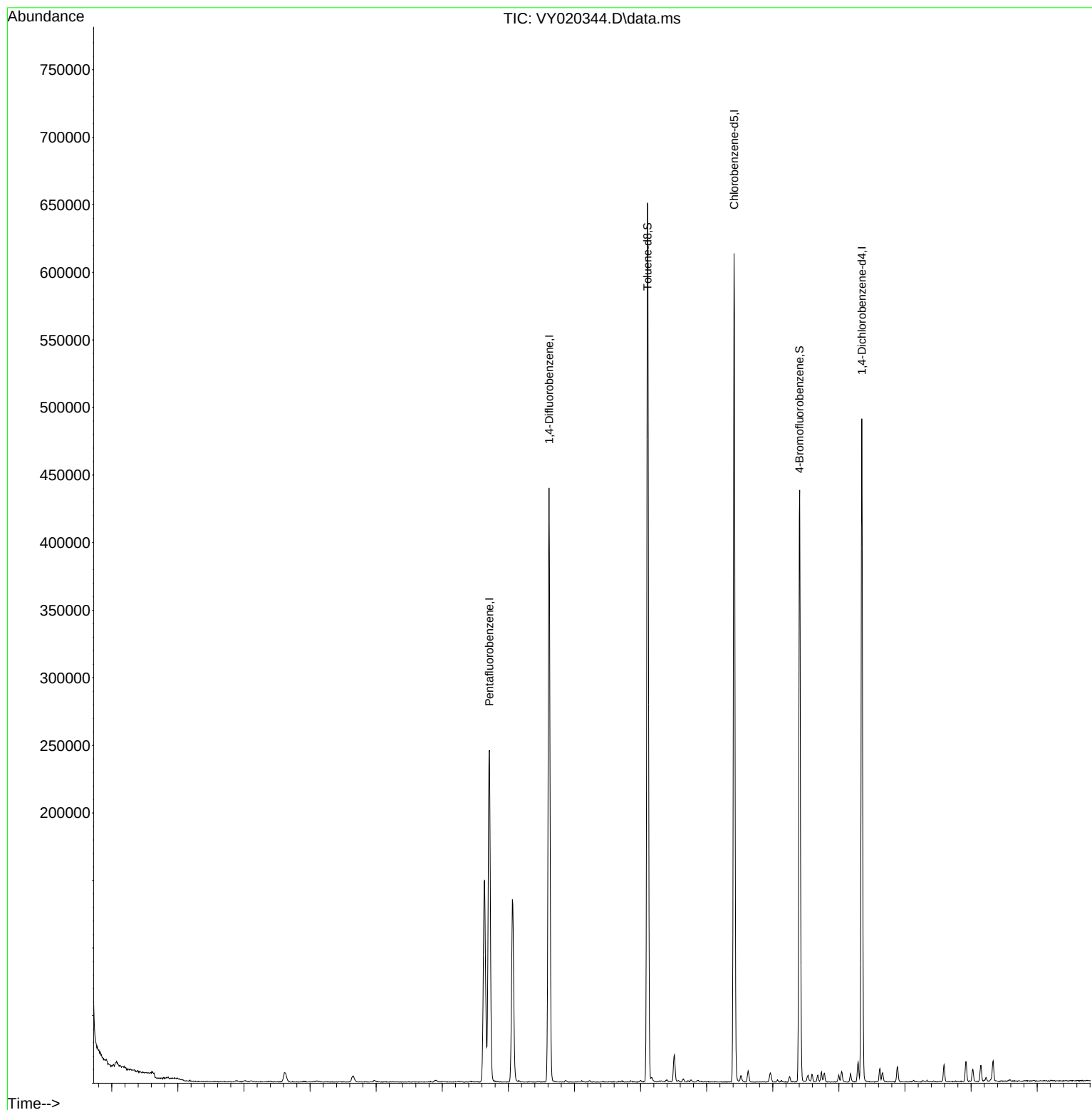
Target Compounds Qvalue

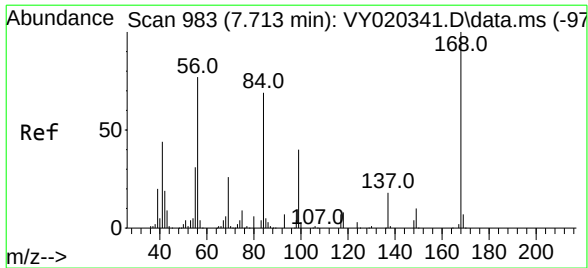
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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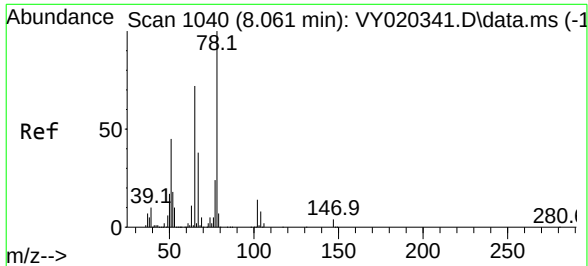
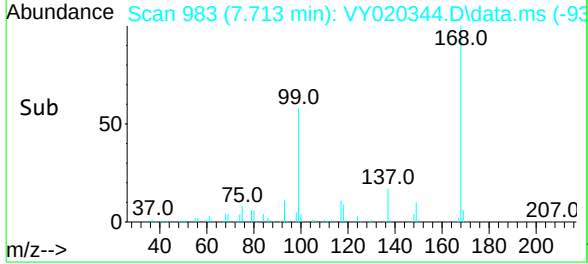
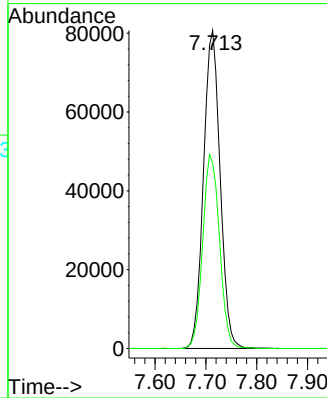
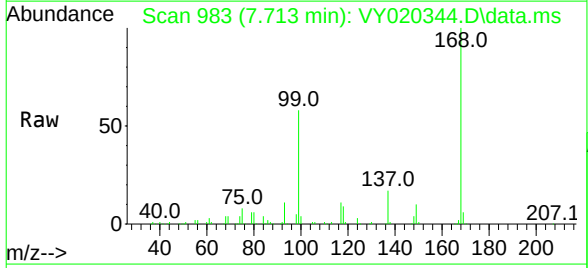




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

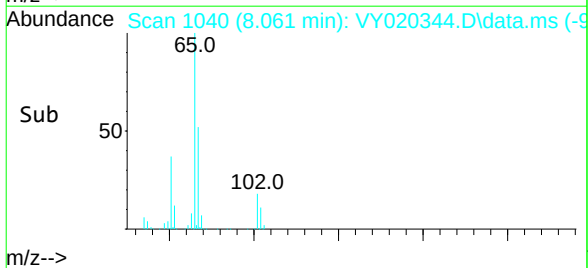
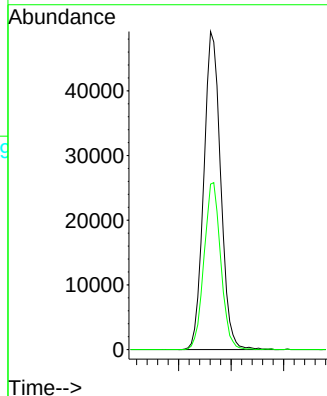
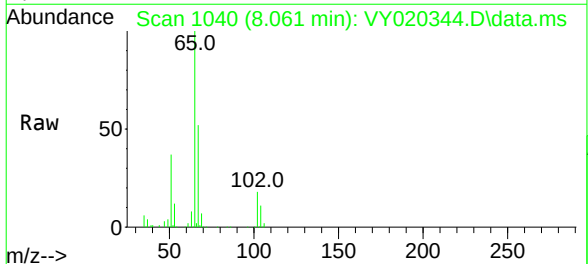
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

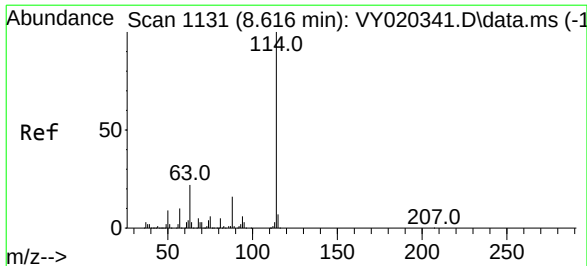
Tgt Ion:168 Resp: 183208
Ion Ratio Lower Upper
168 100
99 58.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 52.230 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Tgt Ion: 65 Resp: 109937
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.8

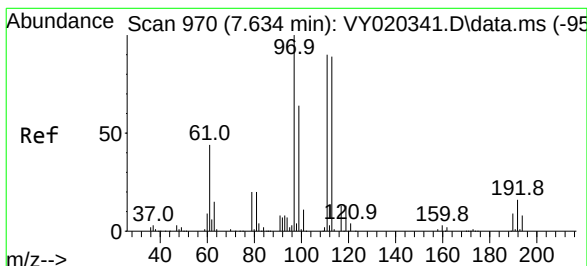
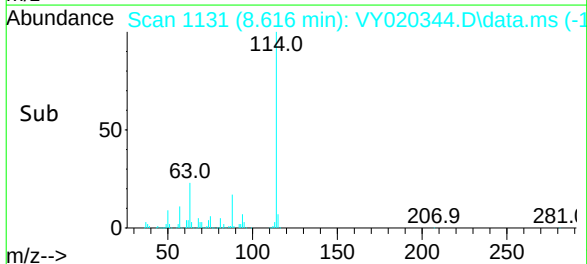
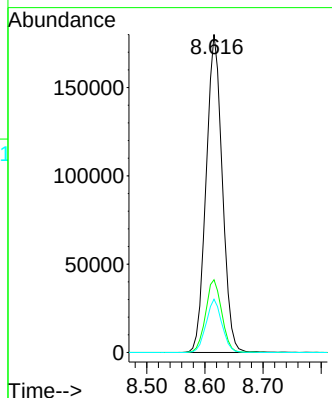
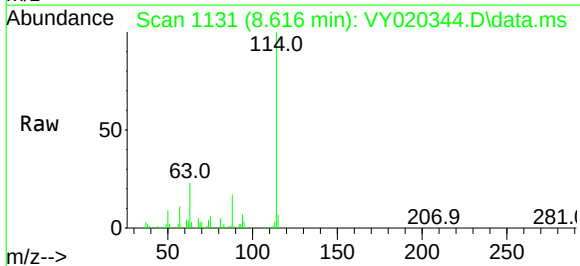




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

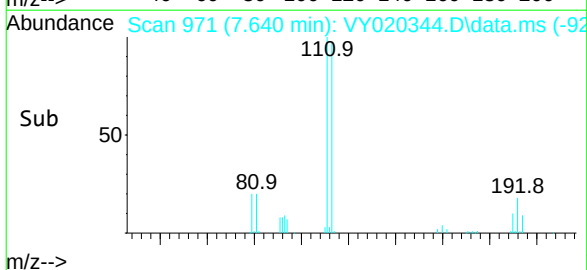
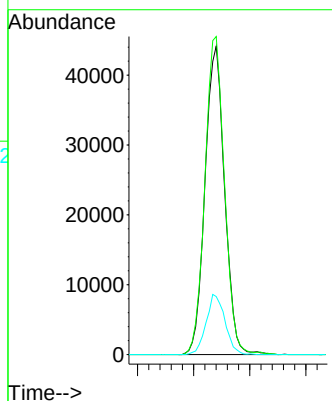
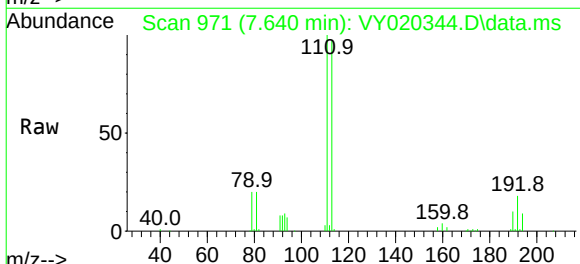
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

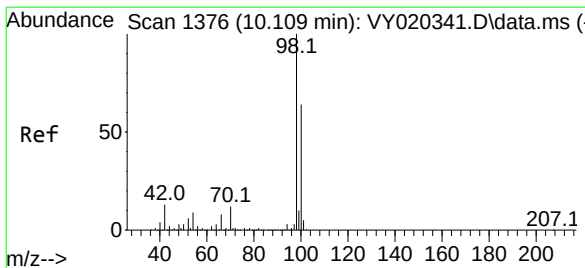
Tgt Ion:	114	Resp:	347491
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	44.8
88	16.8	0.0	32.0



#35
Dibromofluoromethane
Concen: 48.023 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Tgt Ion:	113	Resp:	107006
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	18.8	15.1	22.7





#50

Toluene-d8

Concen: 48.218 ug/l

RT: 10.103 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020344.D

Acq: 19 Nov 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

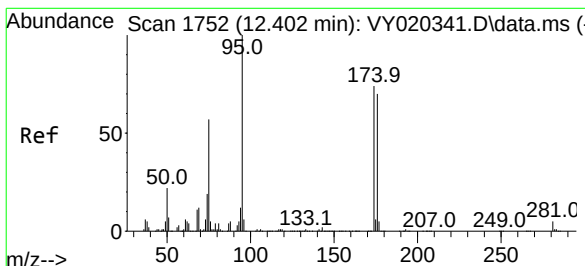
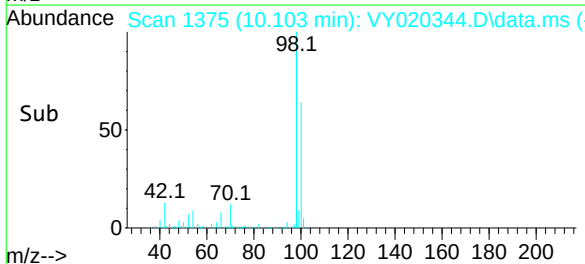
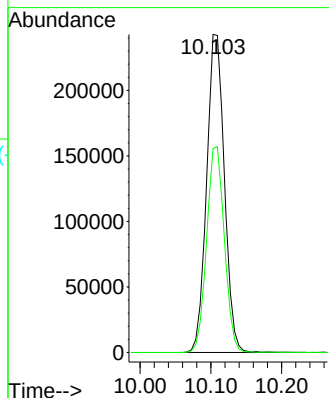
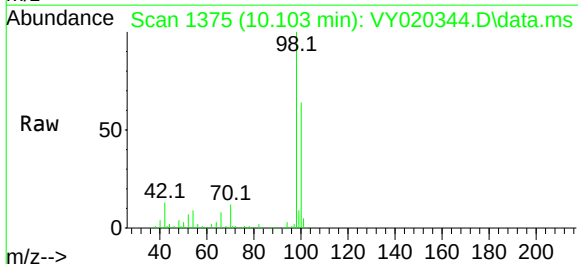
VIBLK

Tgt Ion: 98 Resp: 423226

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 48.194 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY020344.D

Acq: 19 Nov 2024 18:06

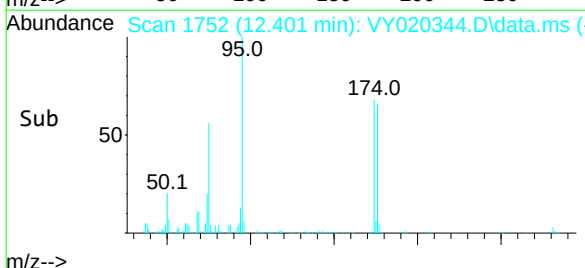
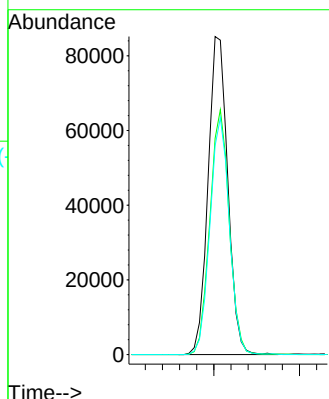
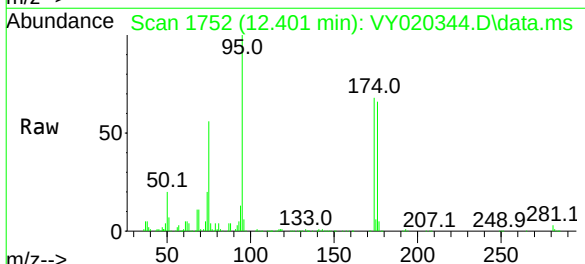
Tgt Ion: 95 Resp: 135987

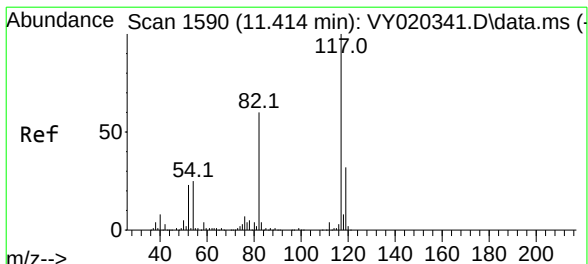
Ion Ratio Lower Upper

95 100

174 75.9 0.0 156.8

176 73.1 0.0 152.0

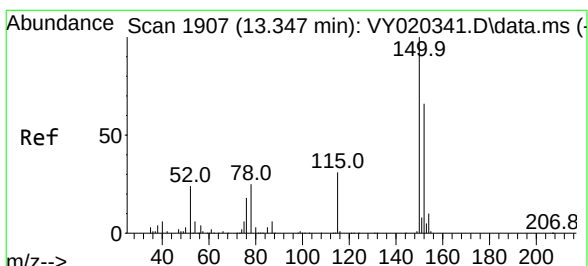
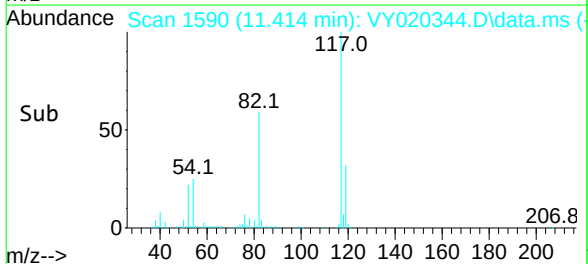
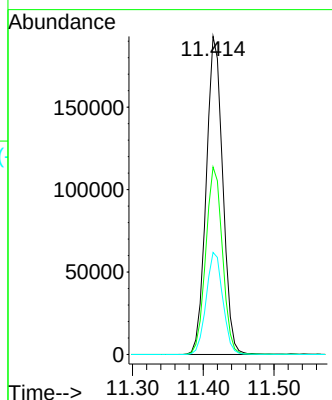
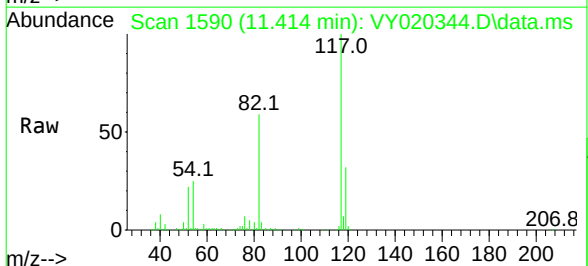




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:	117	Resp:	313109
Ion	Ratio	Lower	Upper
117	100		
82	59.0	48.2	72.4
119	32.1	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: VY020344.D
Acq: 19 Nov 2024 18:06

Tgt Ion:	152	Resp:	114379
Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.0	90.0
150	156.8	0.0	348.2

