

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020092.D
 Acq On : 31 Oct 2024 14:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 01 03:48:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	189280	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	392065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	356957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	122226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	126906	53.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.440%
35) Dibromofluoromethane	7.634	113	126720	50.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.109	98	482571	48.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.401	95	142892	44.337	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.680%

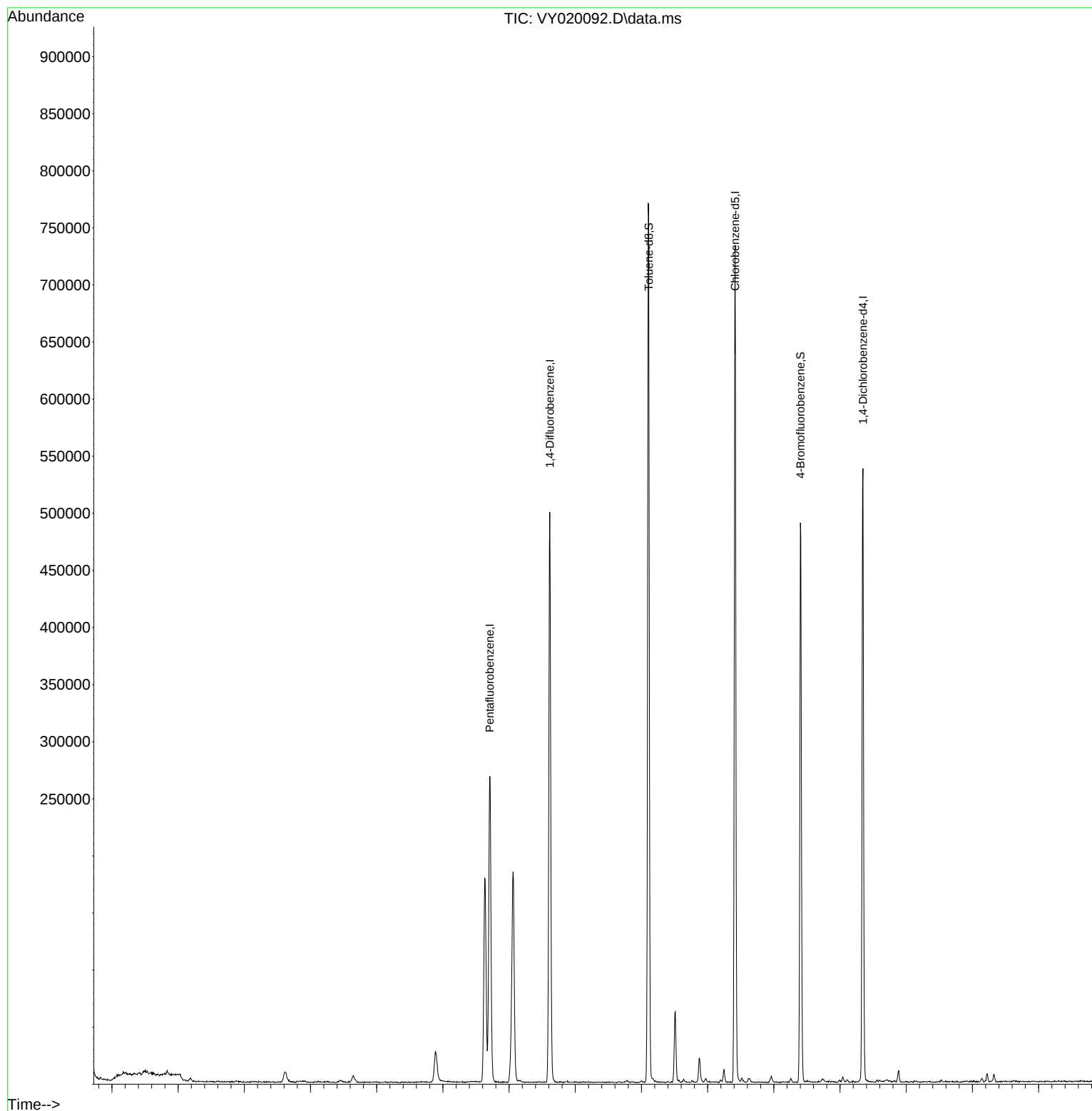
Target Compounds Qvalue

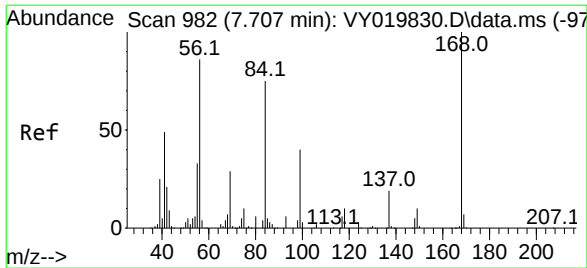
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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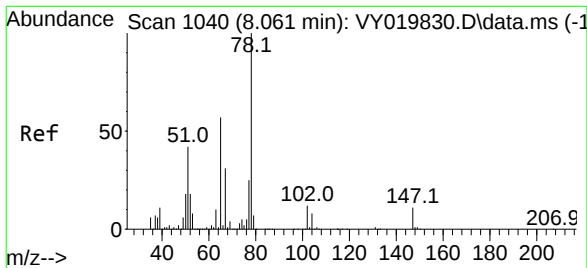
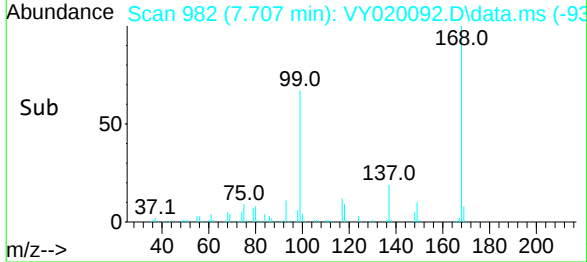
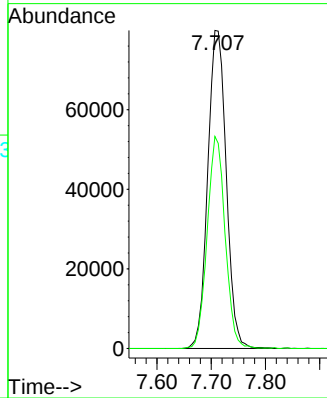
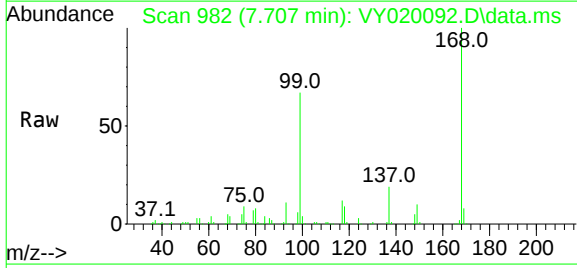




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

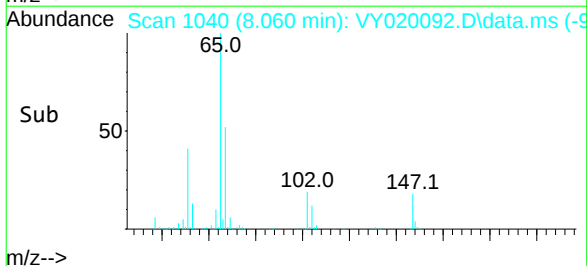
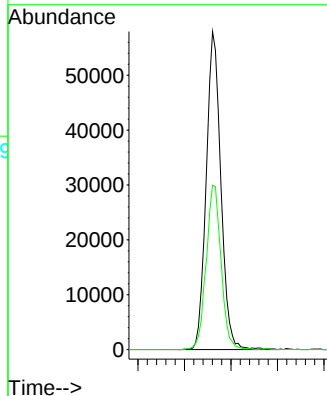
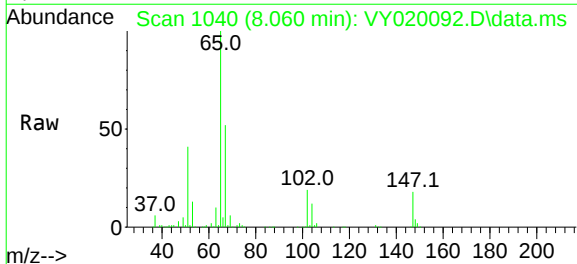
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

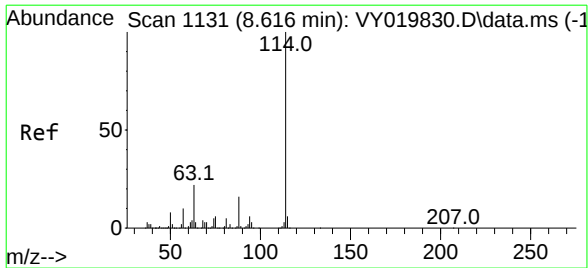
Tgt Ion:168 Resp: 189280
Ion Ratio Lower Upper
168 100
99 66.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 53.721 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Tgt Ion: 65 Resp: 126906
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

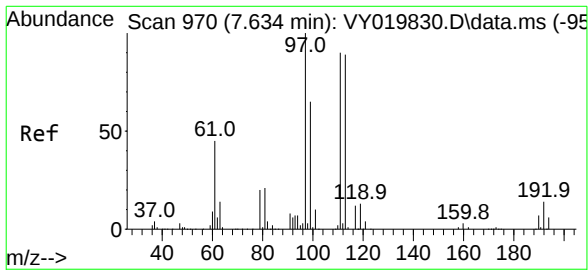
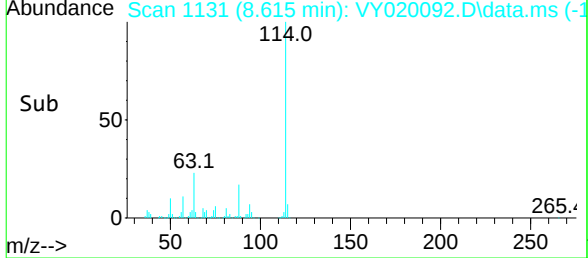
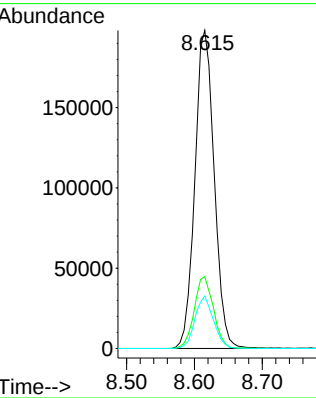
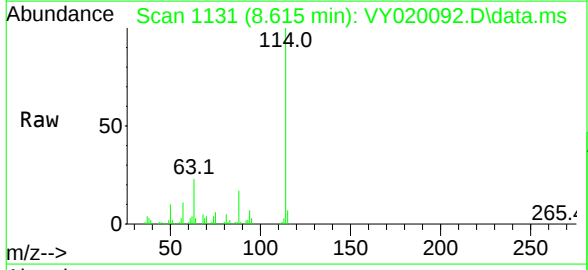




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

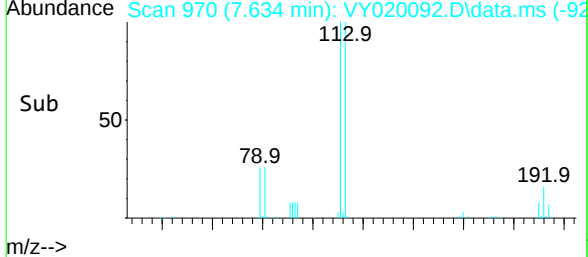
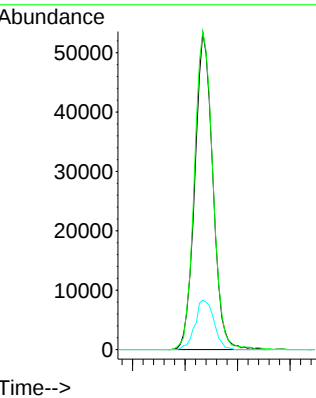
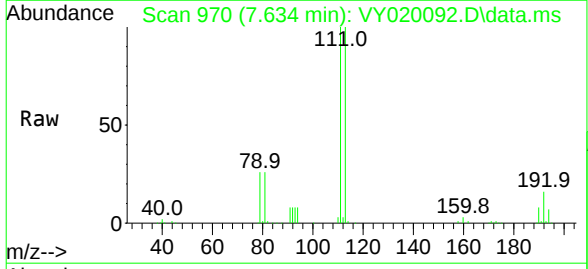
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

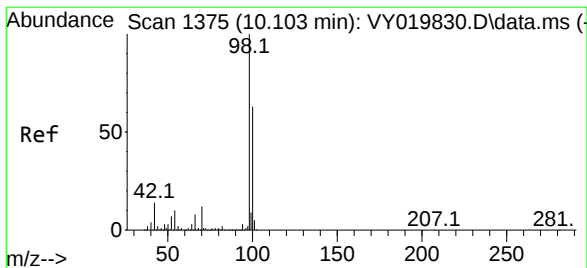
Tgt Ion:	114	Resp:	392065
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	35.0
88	16.5	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.836 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Tgt Ion:	113	Resp:	126720
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	16.4	15.9	23.9





#50

Toluene-d8

Concen: 48.635 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY020092.D

Acq: 31 Oct 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

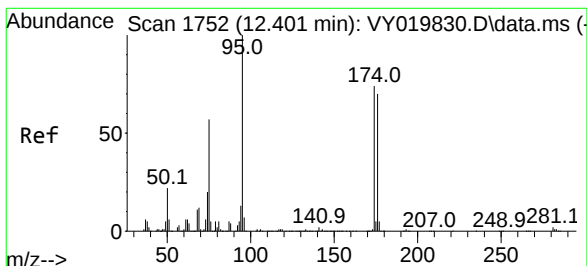
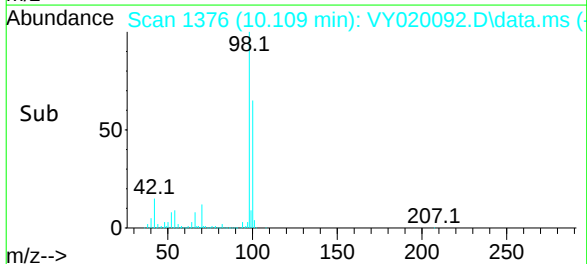
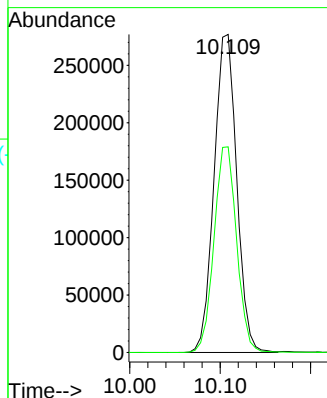
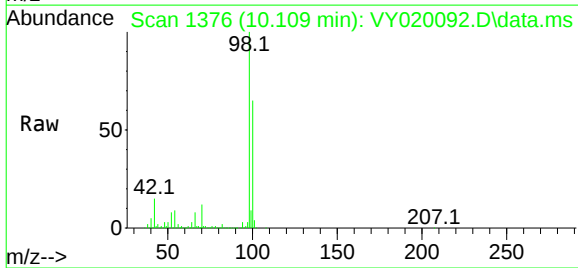
VIBLK

Tgt Ion: 98 Resp: 482571

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.337 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020092.D

Acq: 31 Oct 2024 14:15

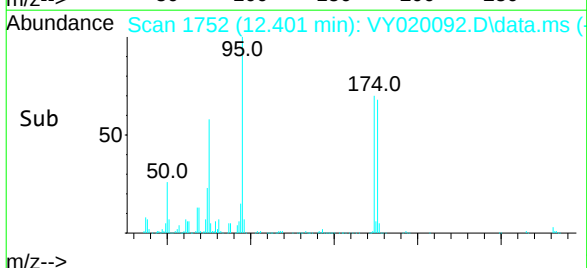
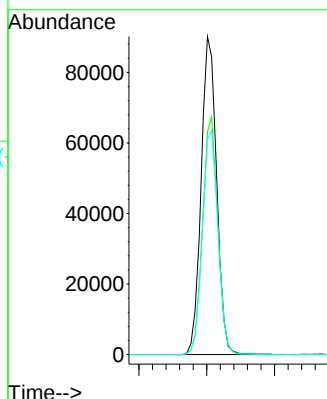
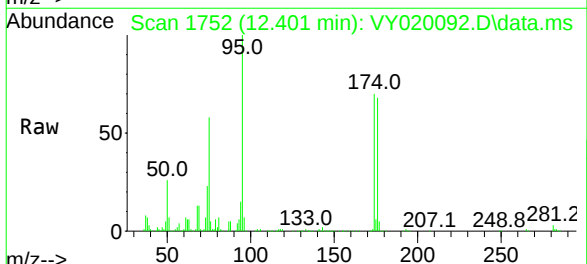
Tgt Ion: 95 Resp: 142892

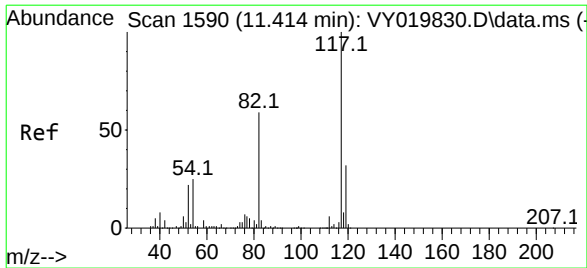
Ion Ratio Lower Upper

95 100

174 73.6 0.0 175.6

176 70.9 0.0 171.4

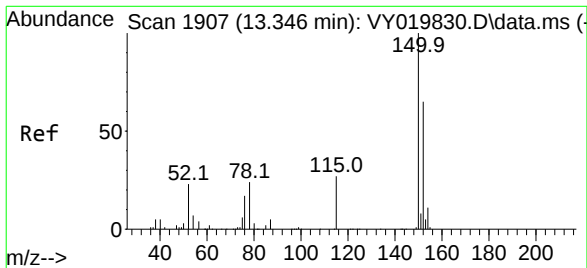
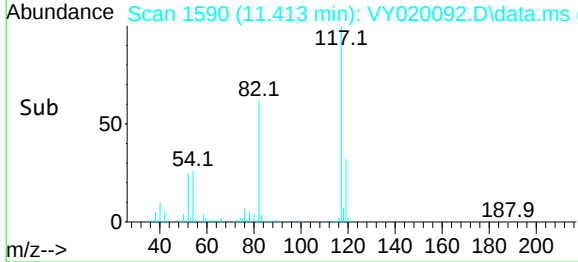
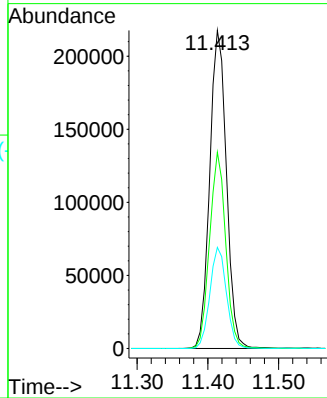
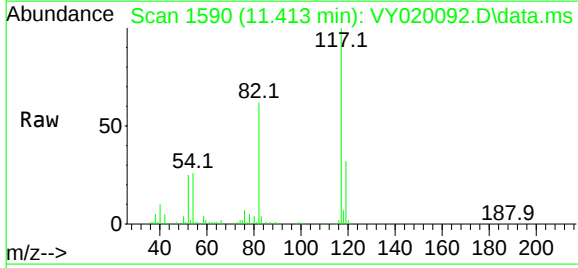




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:	117	Resp:	356957
Ion	Ratio	Lower	Upper
117	100		
82	61.7	42.4	63.6
119	31.8	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Tgt Ion:	152	Resp:	122226
Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.2	84.7
150	157.3	0.0	345.6

