

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020380.D
 Acq On : 21 Nov 2024 12:36
 Operator : SY/MD
 Sample : P4908-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Nov 21 13:57:08 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	128800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	250352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	235551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	93488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	83852	56.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.340%
35) Dibromofluoromethane	7.634	113	79920	49.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.109	98	309611	48.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.408	95	103767	51.044	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	102.080%

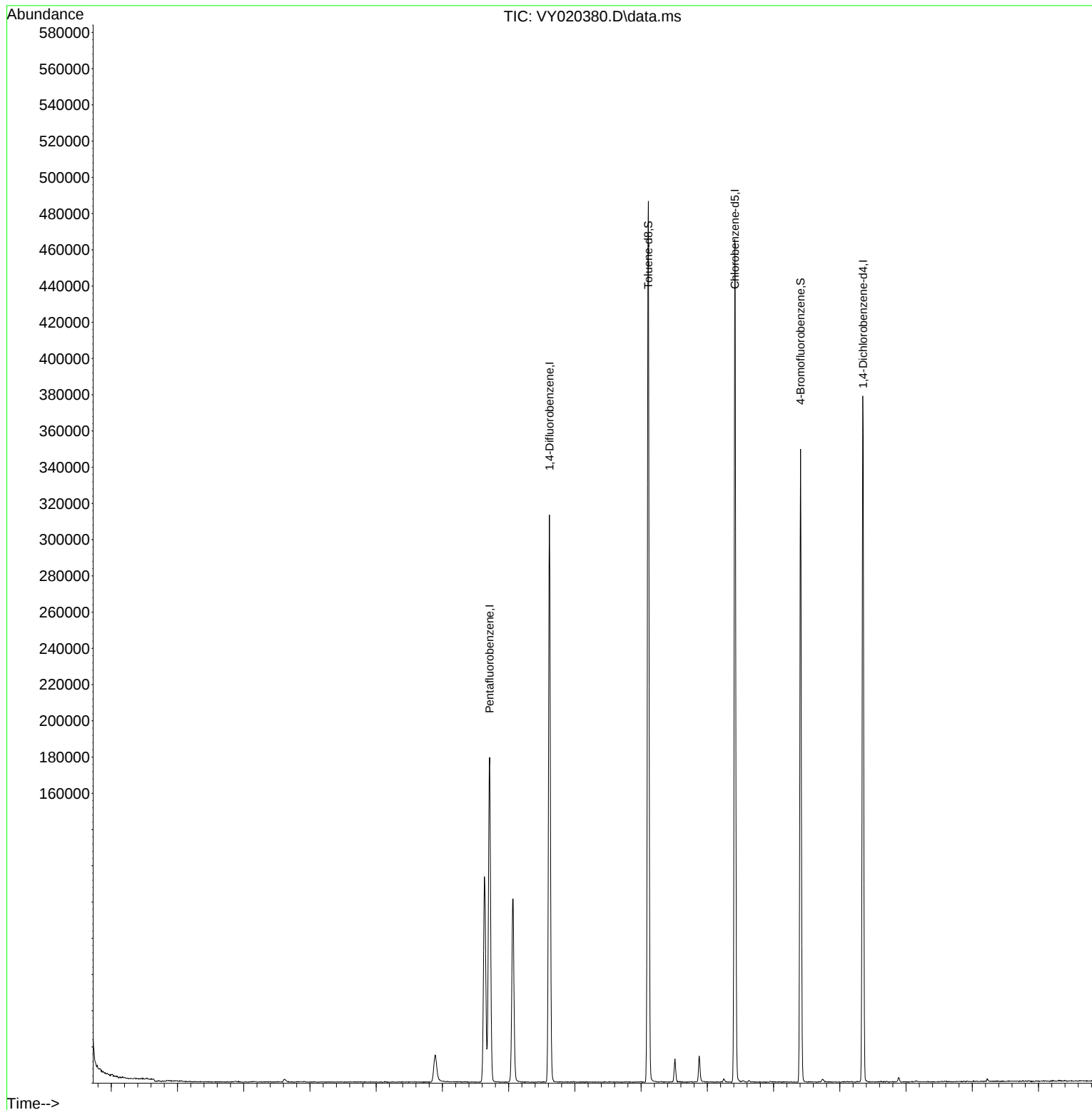
Target Compounds Qvalue

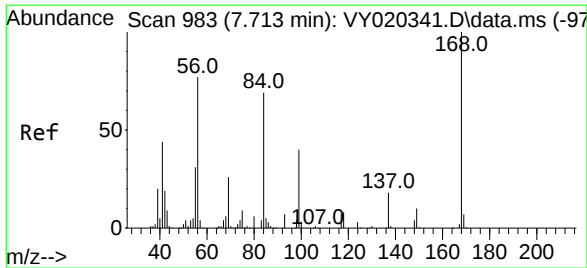
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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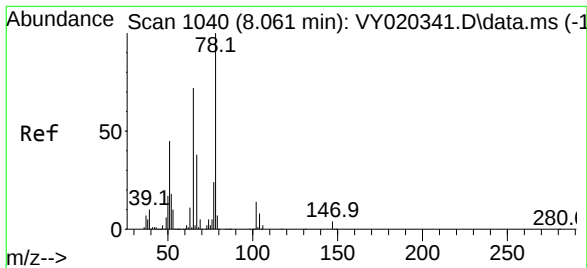
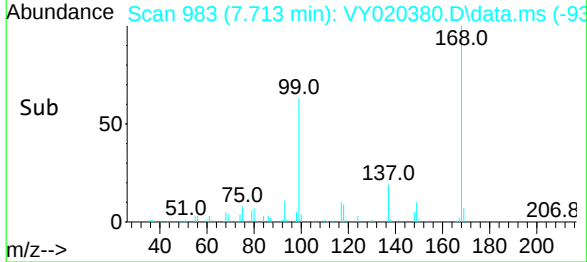
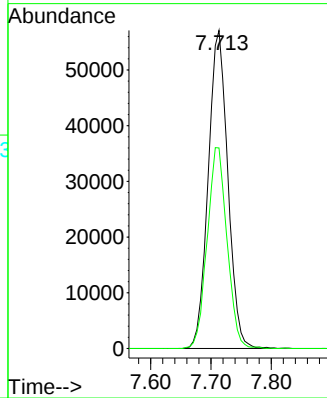
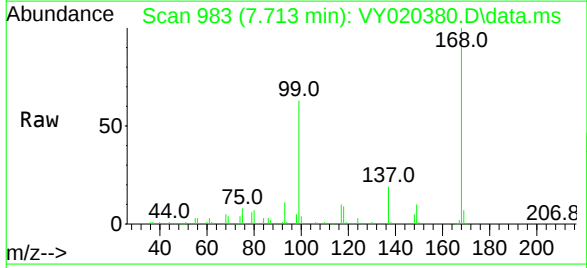




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020380.D
Acq: 21 Nov 2024 12:36

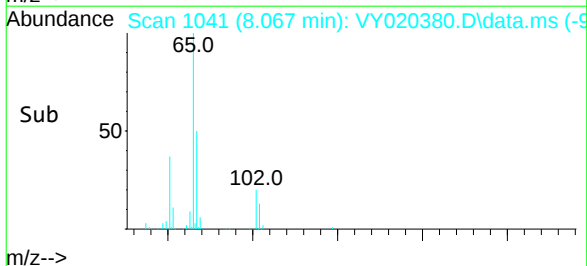
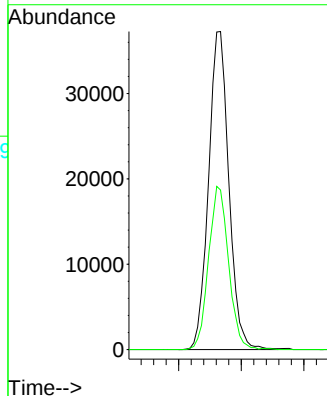
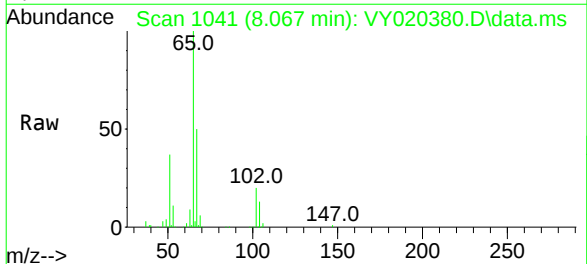
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

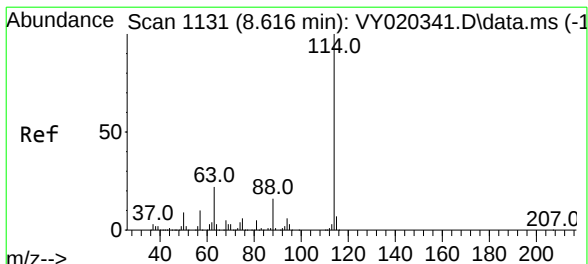
Tgt Ion:168 Resp: 128800
Ion Ratio Lower Upper
168 100
99 63.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 56.666 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020380.D
Acq: 21 Nov 2024 12:36

Tgt Ion: 65 Resp: 83852
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.8

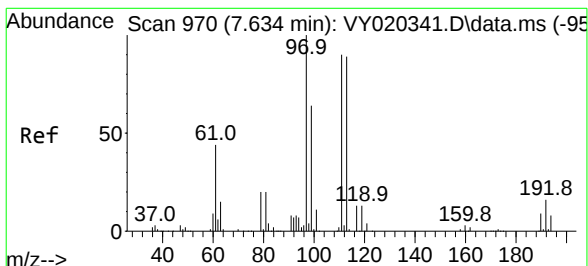
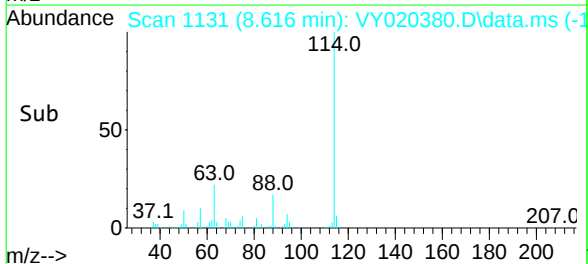
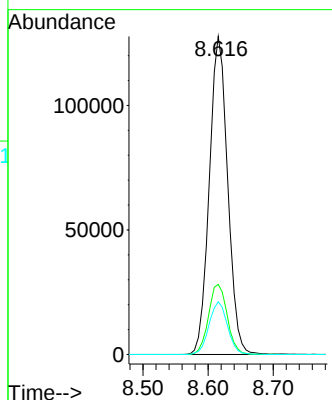
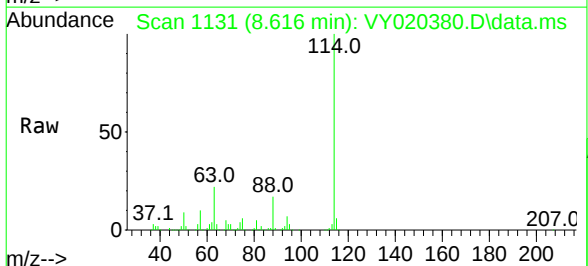




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020380.D
 Acq: 21 Nov 2024 12:36

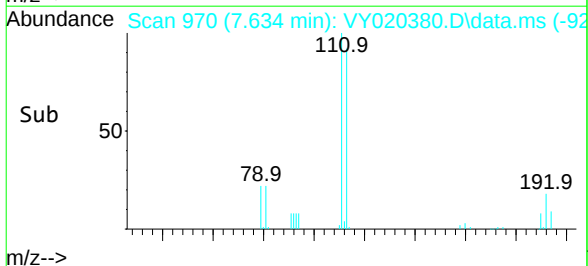
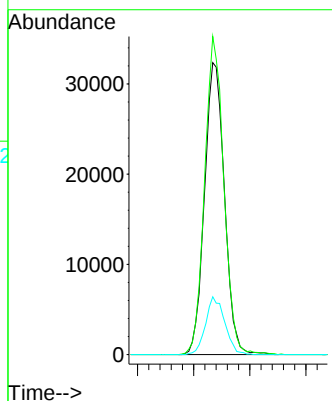
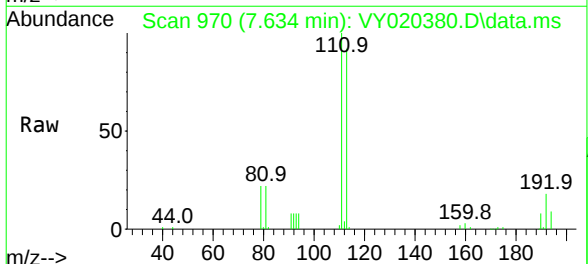
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

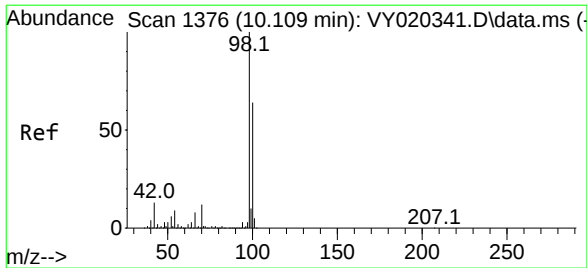
Tgt Ion:	114	Resp:	250352
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.8
88	16.6	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.784 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY020380.D
 Acq: 21 Nov 2024 12:36

Tgt Ion:	113	Resp:	79920
Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.4	122.0
192	19.0	15.1	22.7





#50

Toluene-d8

Concen: 48.960 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020380.D

Acq: 21 Nov 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

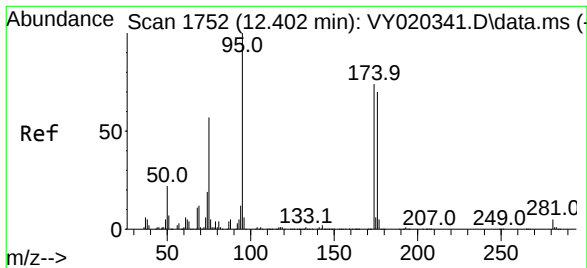
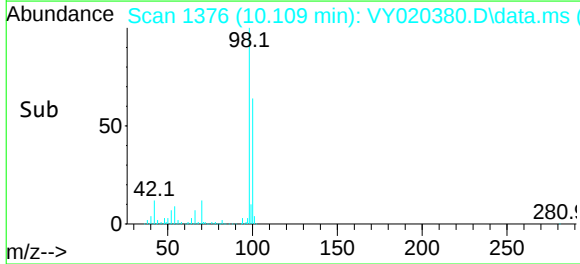
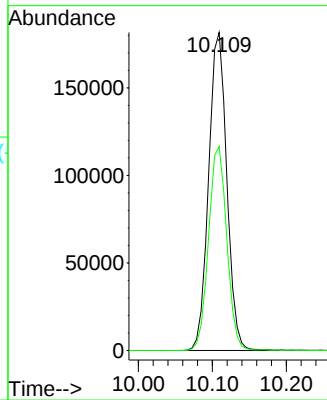
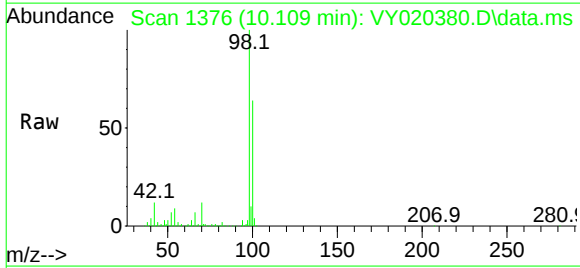
SP-2

Tgt Ion: 98 Resp: 309611

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 51.044 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020380.D

Acq: 21 Nov 2024 12:36

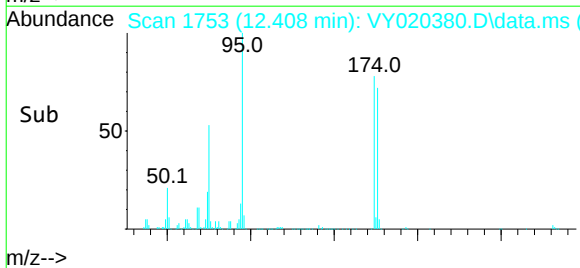
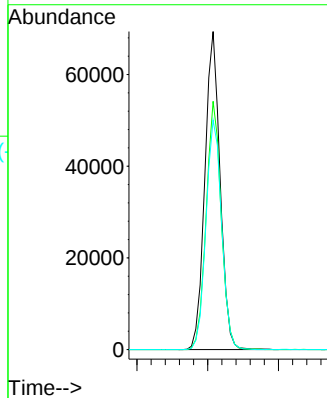
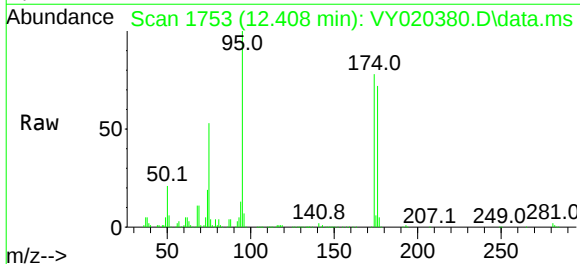
Tgt Ion: 95 Resp: 103767

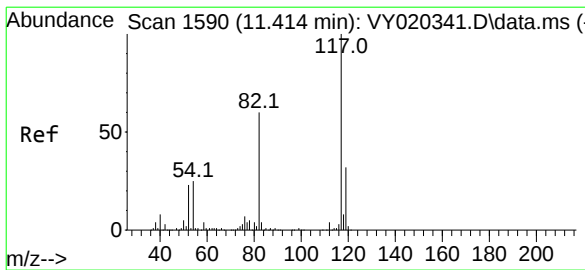
Ion Ratio Lower Upper

95 100

174 77.3 0.0 156.8

176 74.2 0.0 152.0

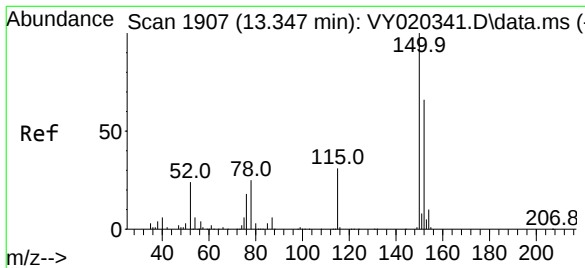
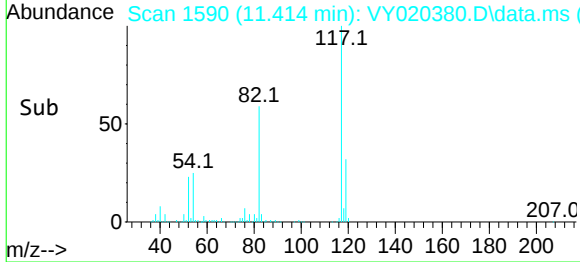
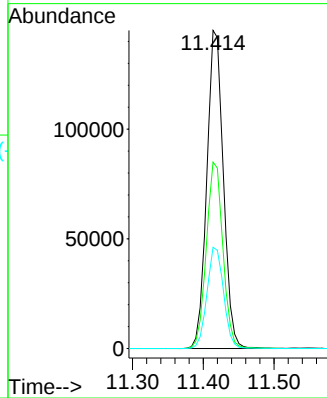
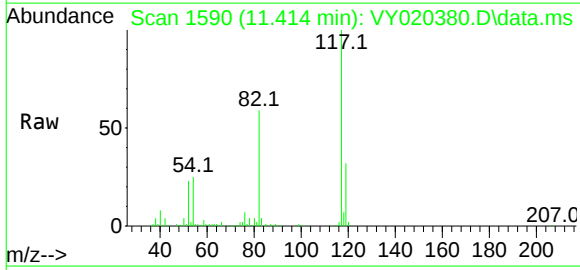




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020380.D
Acq: 21 Nov 2024 12:36

Instrument :
MSVOA_Y
ClientSampleId :
SP-2

Tgt Ion:	117	Resp:	235551
Ion	Ratio	Lower	Upper
117	100		
82	58.6	48.2	72.4
119	31.8	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020380.D
Acq: 21 Nov 2024 12:36

Tgt Ion:	152	Resp:	93488
Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.0	90.0
150	155.6	0.0	348.2

