

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020197.D
 Acq On : 07 Nov 2024 11:19
 Operator : SY/MD
 Sample : VY1107SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBL01

Quant Time: Nov 08 00:25:05 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	7.713	168	168265	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	343319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	103250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115578	55.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.634	113	114689	52.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.080%
50) Toluene-d8	10.109	98	429039	49.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.408	95	123735	43.844	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.680%

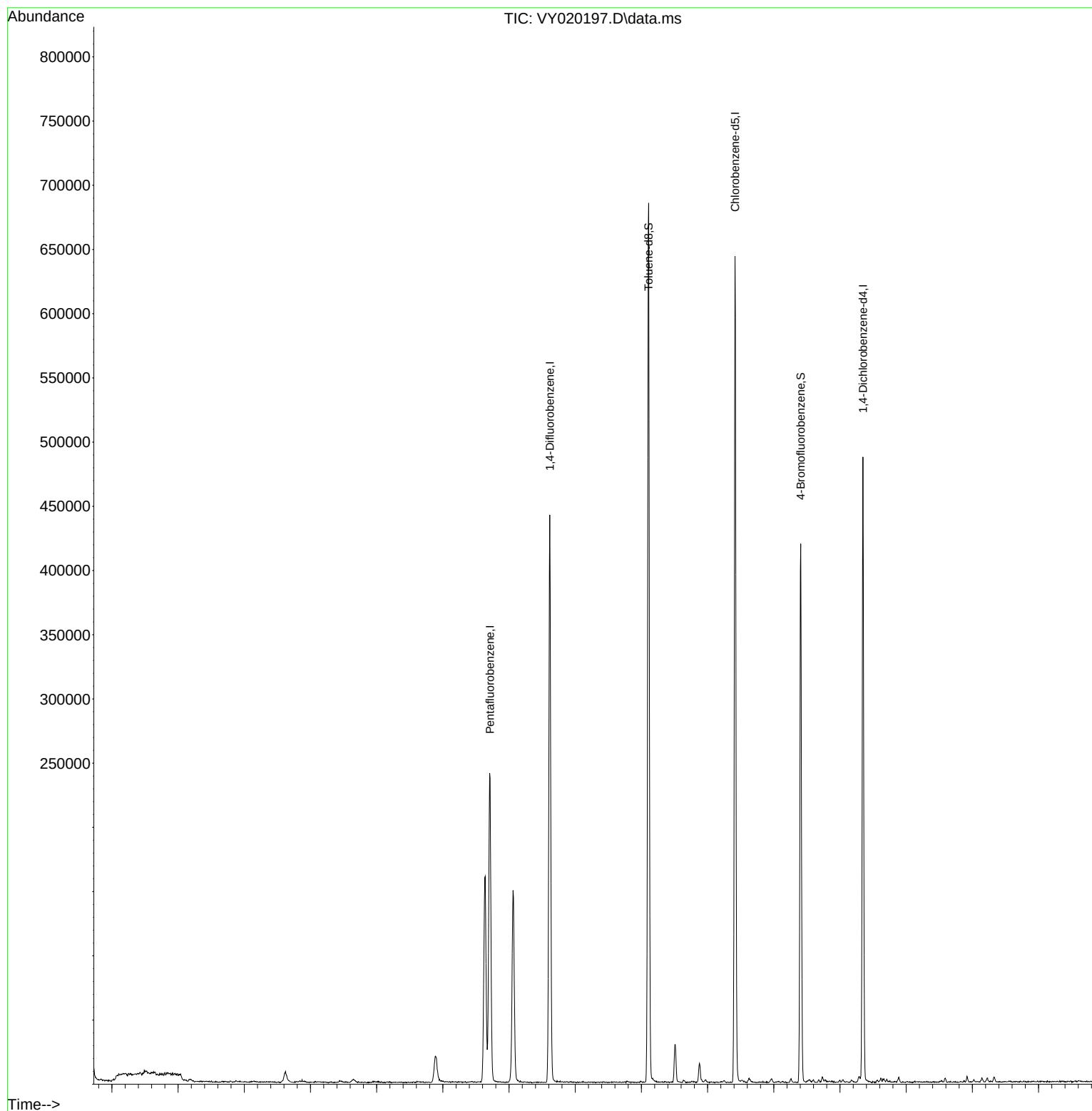
Target Compounds Qvalue

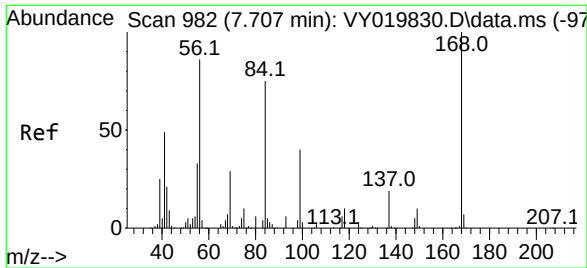
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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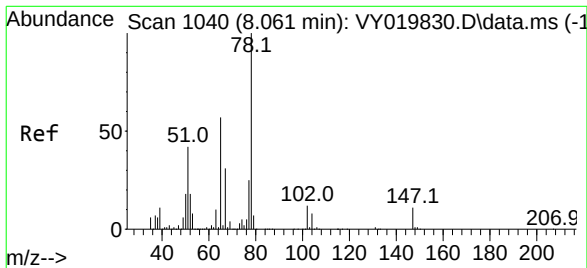
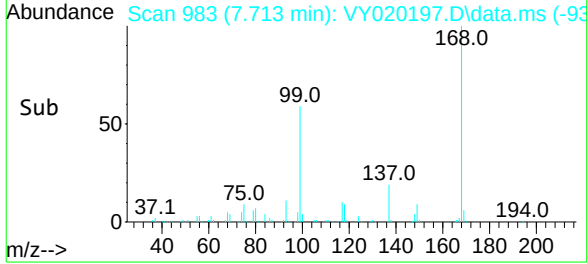
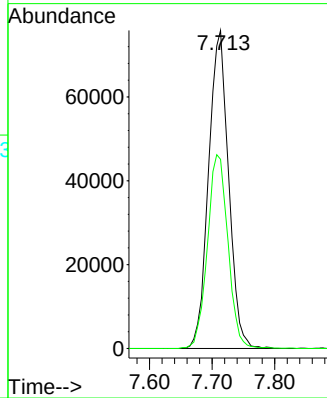
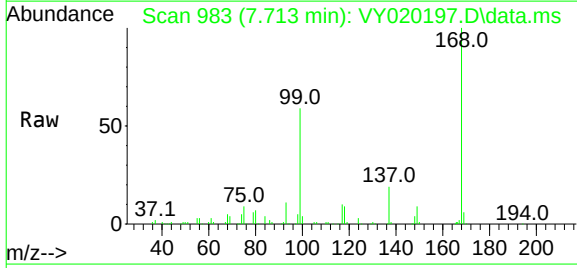




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

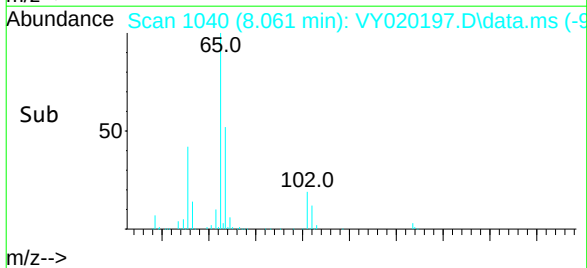
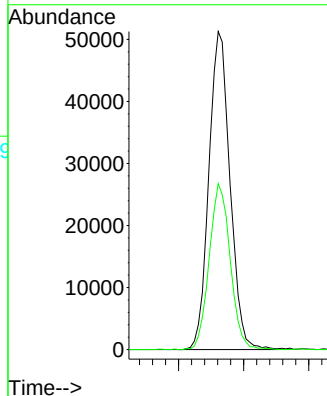
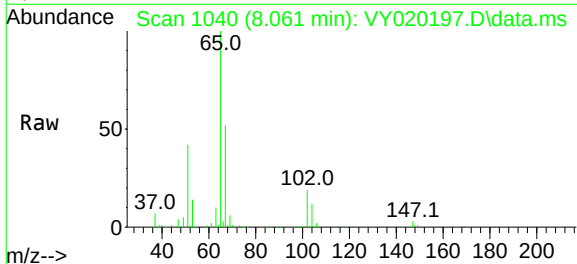
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

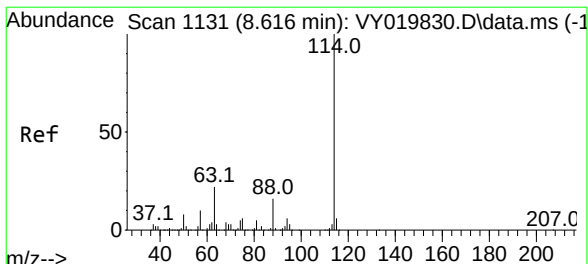
Tgt Ion:168 Resp: 168265
Ion Ratio Lower Upper
168 100
99 59.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.036 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

Tgt Ion: 65 Resp: 115578
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6

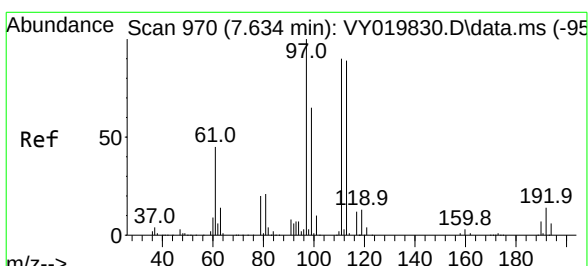
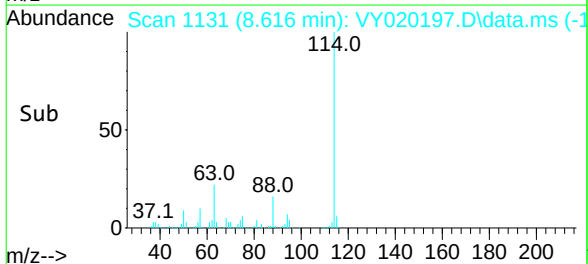
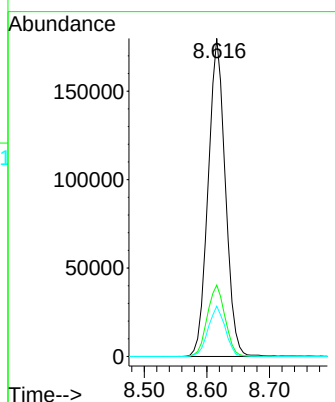
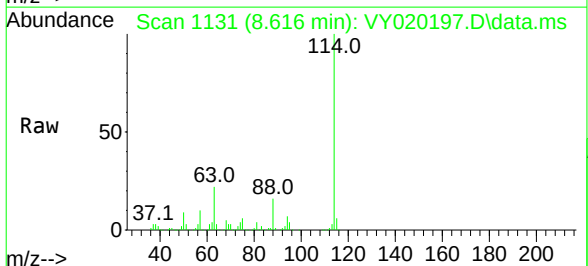




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020197.D
 Acq: 07 Nov 2024 11:19

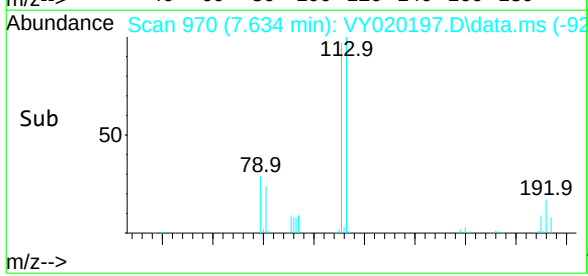
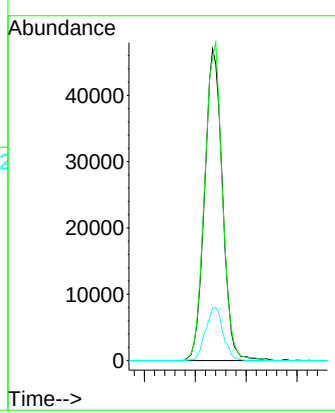
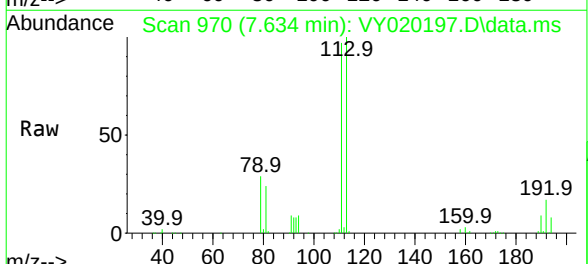
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBL01

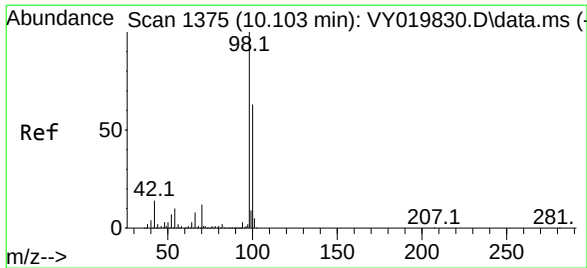
Tgt Ion:	114	Resp:	343319
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	35.0
88	15.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.542 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020197.D
 Acq: 07 Nov 2024 11:19

Tgt Ion:	113	Resp:	114689
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	16.8	15.9	23.9





#50

Toluene-d8

Concen: 49.379 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020197.D

Acq: 07 Nov 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

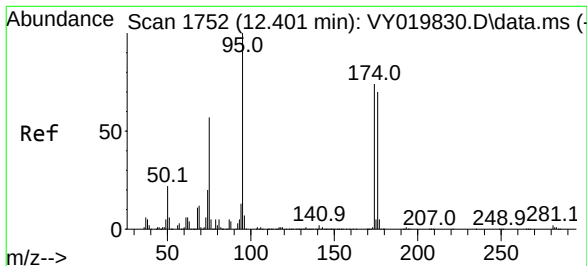
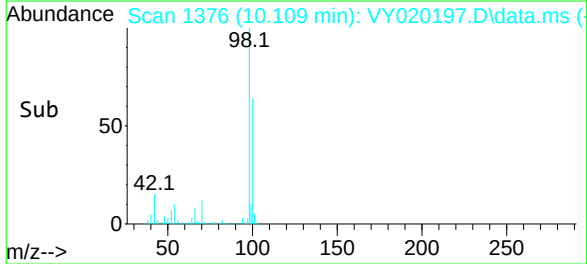
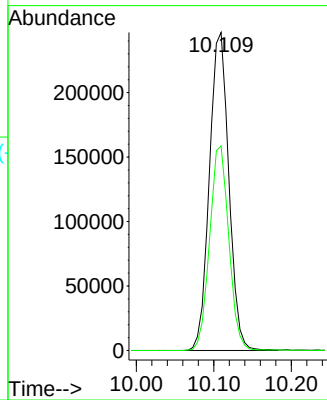
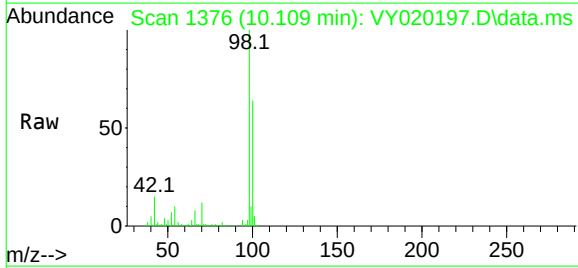
VY1107SBL01

Tgt Ion: 98 Resp: 429039

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.844 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020197.D

Acq: 07 Nov 2024 11:19

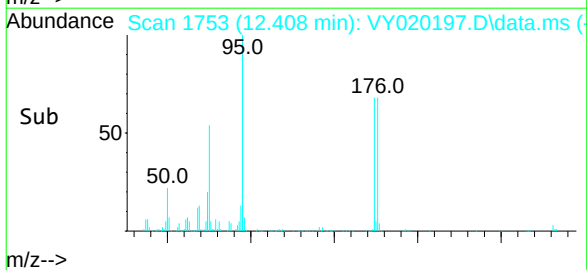
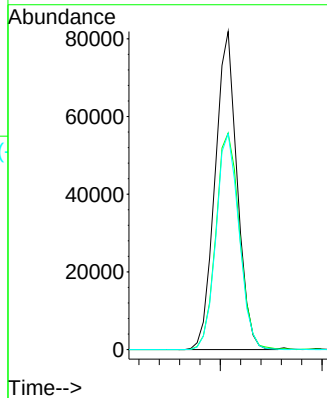
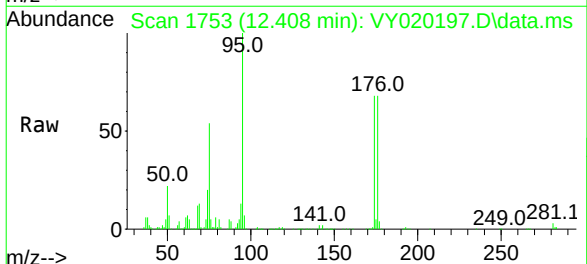
Tgt Ion: 95 Resp: 123735

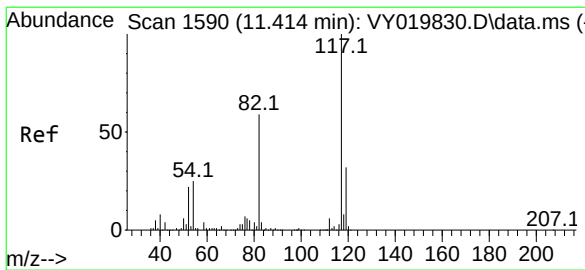
Ion Ratio Lower Upper

95 100

174 72.6 0.0 175.6

176 70.3 0.0 171.4

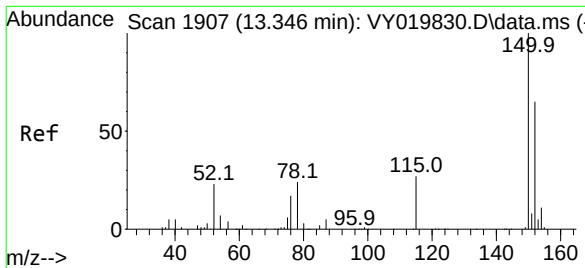
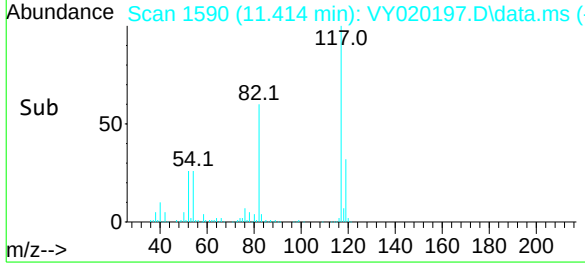
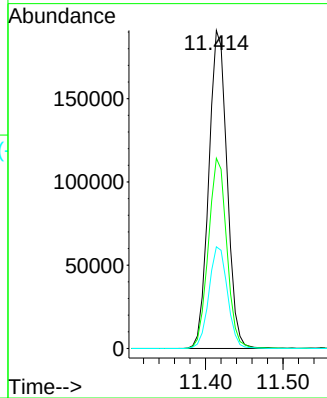
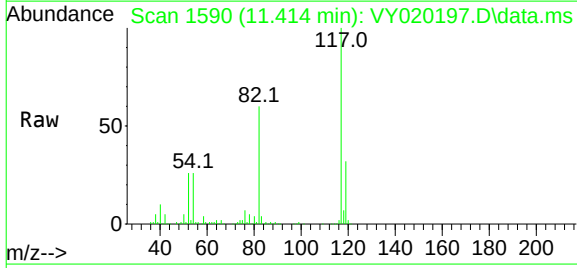




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

Tgt Ion:117 Resp: 313025
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

Tgt Ion:152 Resp: 103250
Ion Ratio Lower Upper
152 100
115 63.5 28.2 84.7
150 159.0 0.0 345.6

