

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020250.D
 Acq On : 11 Nov 2024 15:59
 Operator : SY/MD
 Sample : P4795-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-23-00189

Quant Time: Nov 11 23:17:37 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	176472	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	376780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	347126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	118543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127511	57.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.780%
35) Dibromofluoromethane	7.640	113	125119	52.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.460%
50) Toluene-d8	10.109	98	461966	48.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.408	95	141413	45.658	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.320%

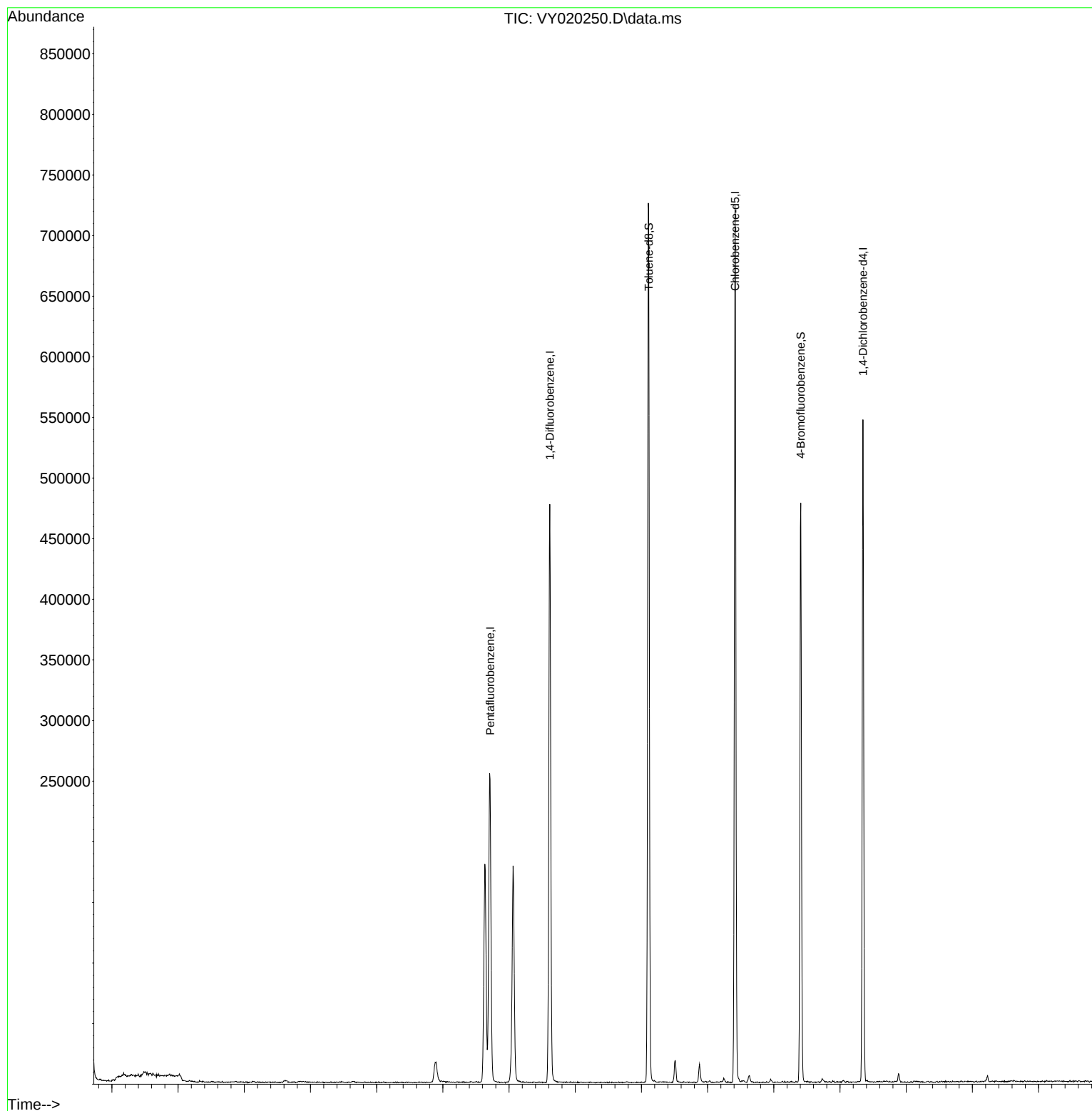
Target Compounds	Qvalue

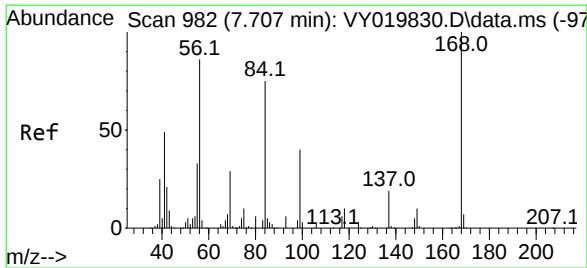
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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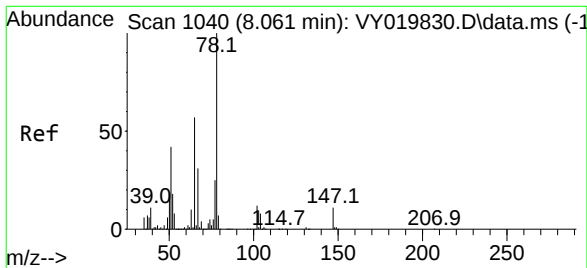
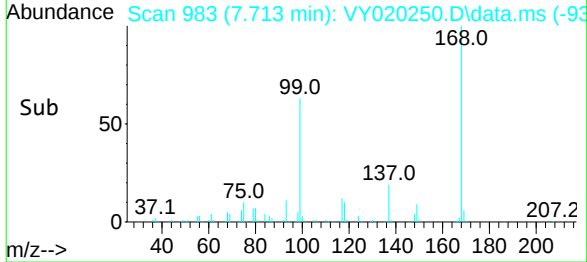
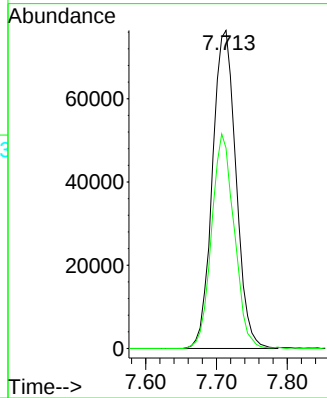
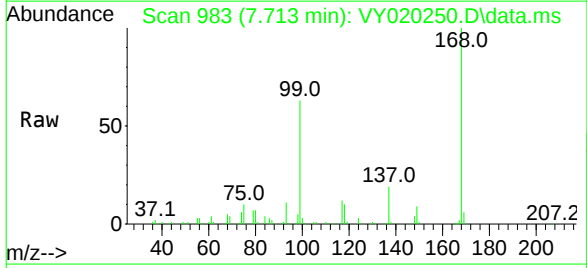




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020250.D
Acq: 11 Nov 2024 15:59

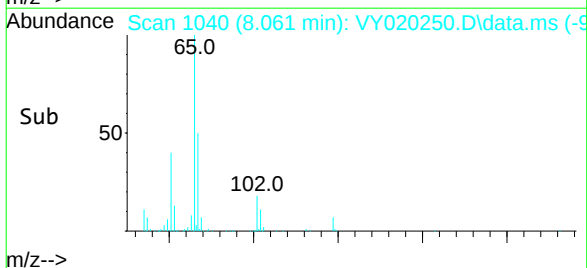
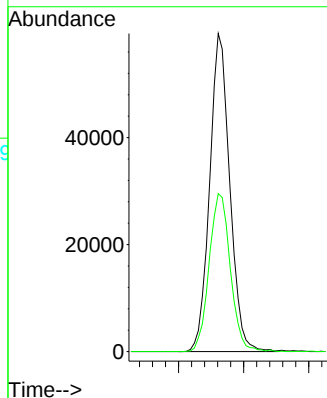
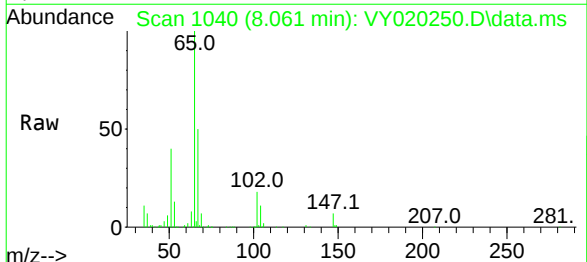
Instrument :
MSVOA_Y
ClientSampleId :
LAW-23-00189

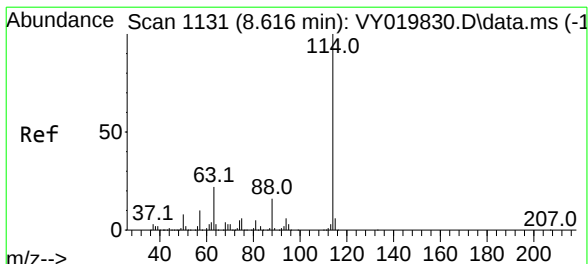
Tgt Ion:168 Resp: 176472
Ion Ratio Lower Upper
168 100
99 63.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 57.894 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020250.D
Acq: 11 Nov 2024 15:59

Tgt Ion: 65 Resp: 127511
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

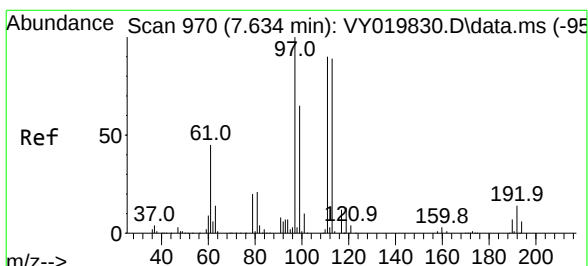
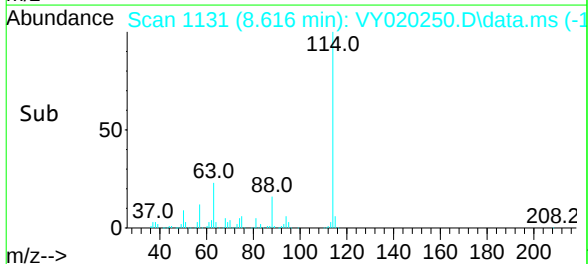
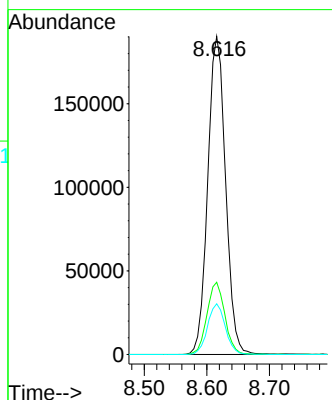
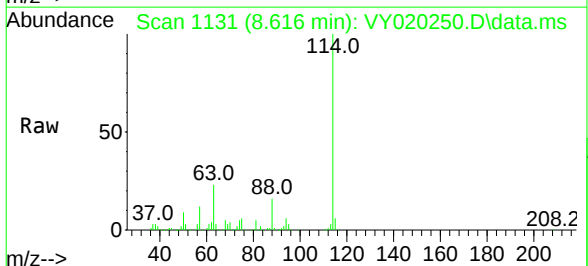




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020250.D
 Acq: 11 Nov 2024 15:59

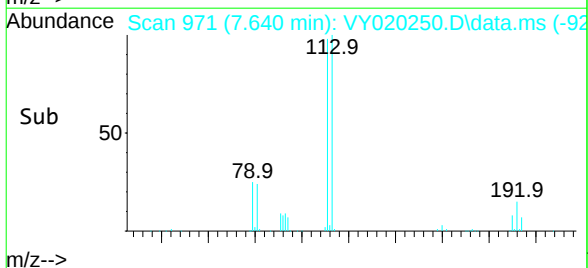
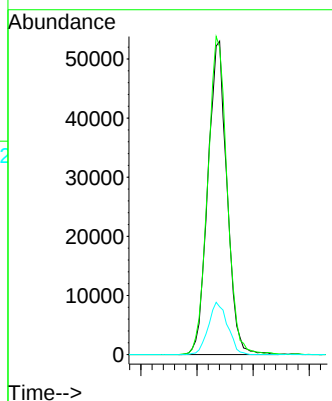
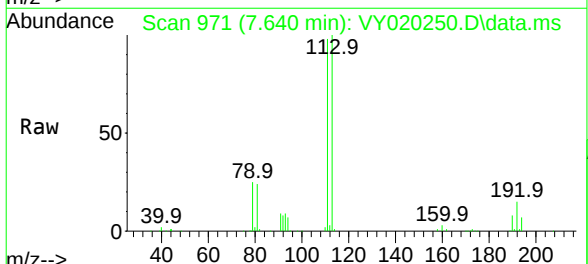
Instrument :
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 ClientSampleId :
 LAW-23-00189

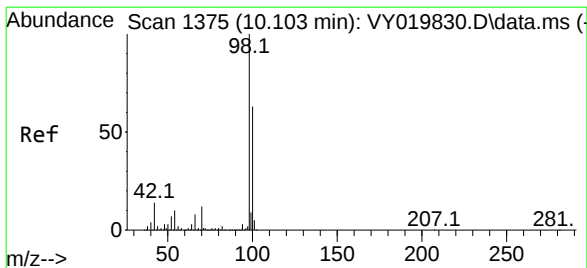
Tgt Ion:	114	Resp:	376780
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	35.0
88	15.9	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.230 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.007 min
 Lab File: VY020250.D
 Acq: 11 Nov 2024 15:59

Tgt Ion:	113	Resp:	125119
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	16.9	15.9	23.9





#50

Toluene-d8

Concen: 48.447 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020250.D

Acq: 11 Nov 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

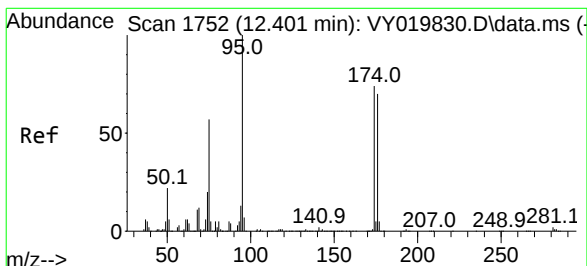
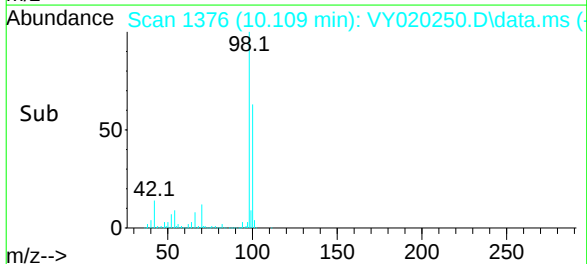
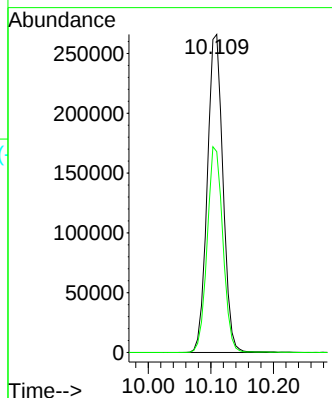
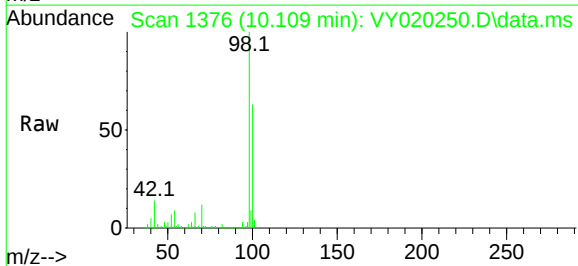
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Tgt Ion: 98 Resp: 461966

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.658 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020250.D

Acq: 11 Nov 2024 15:59

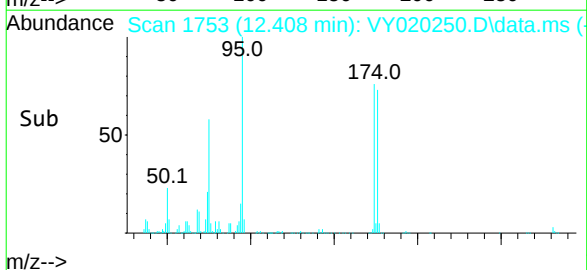
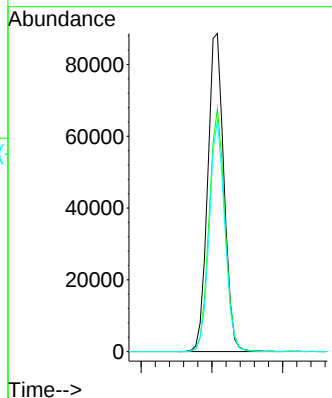
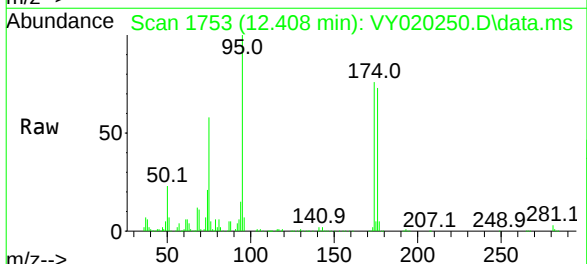
Tgt Ion: 95 Resp: 141413

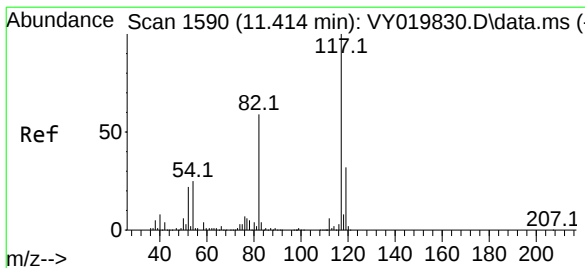
Ion Ratio Lower Upper

95 100

174 74.4 0.0 175.6

176 69.1 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: VY020250.D

Acq: 11 Nov 2024 15:59

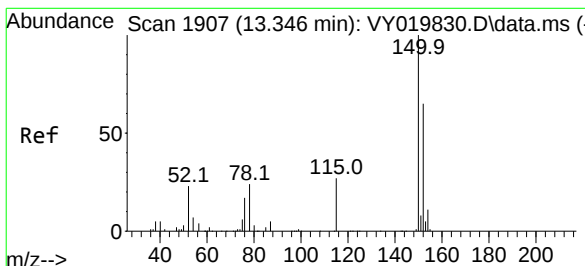
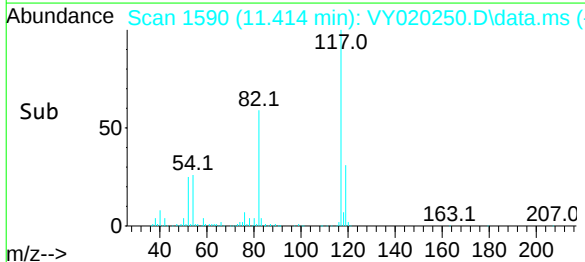
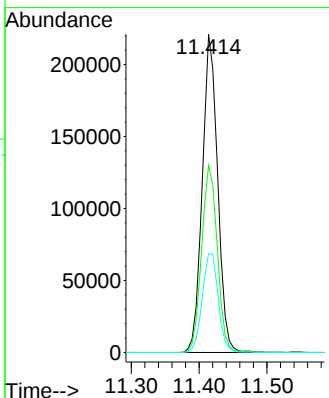
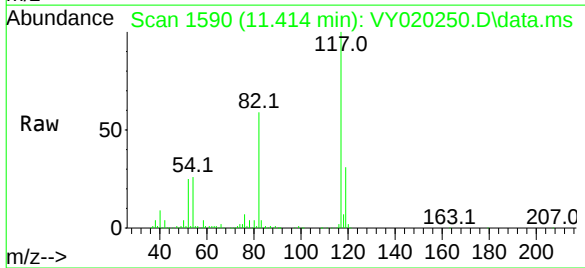
Instrument :

MSVOA_Y

ClientSampleId :

LAW-23-00189

Tgt Ion:	117	Resp:	347126
Ion	Ratio	Lower	Upper
117	100		
82	58.8	42.4	63.6
119	31.1	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: VY020250.D

Acq: 11 Nov 2024 15:59

Tgt Ion:	152	Resp:	118543
Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.2	84.7
150	158.4	0.0	345.6

