

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019841.D
 Acq On : 09 Oct 2024 18:38
 Operator : SY/MD
 Sample : P4344-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-100724

Quant Time: Oct 10 05:41:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	11392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	20314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	13361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	1732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	7061	50.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.680%
35) Dibromofluoromethane	7.634	113	5881	43.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.740%
50) Toluene-d8	10.109	98	23280	47.028	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.060%
62) 4-Bromofluorobenzene	12.414	95	3863	21.597	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	43.200%

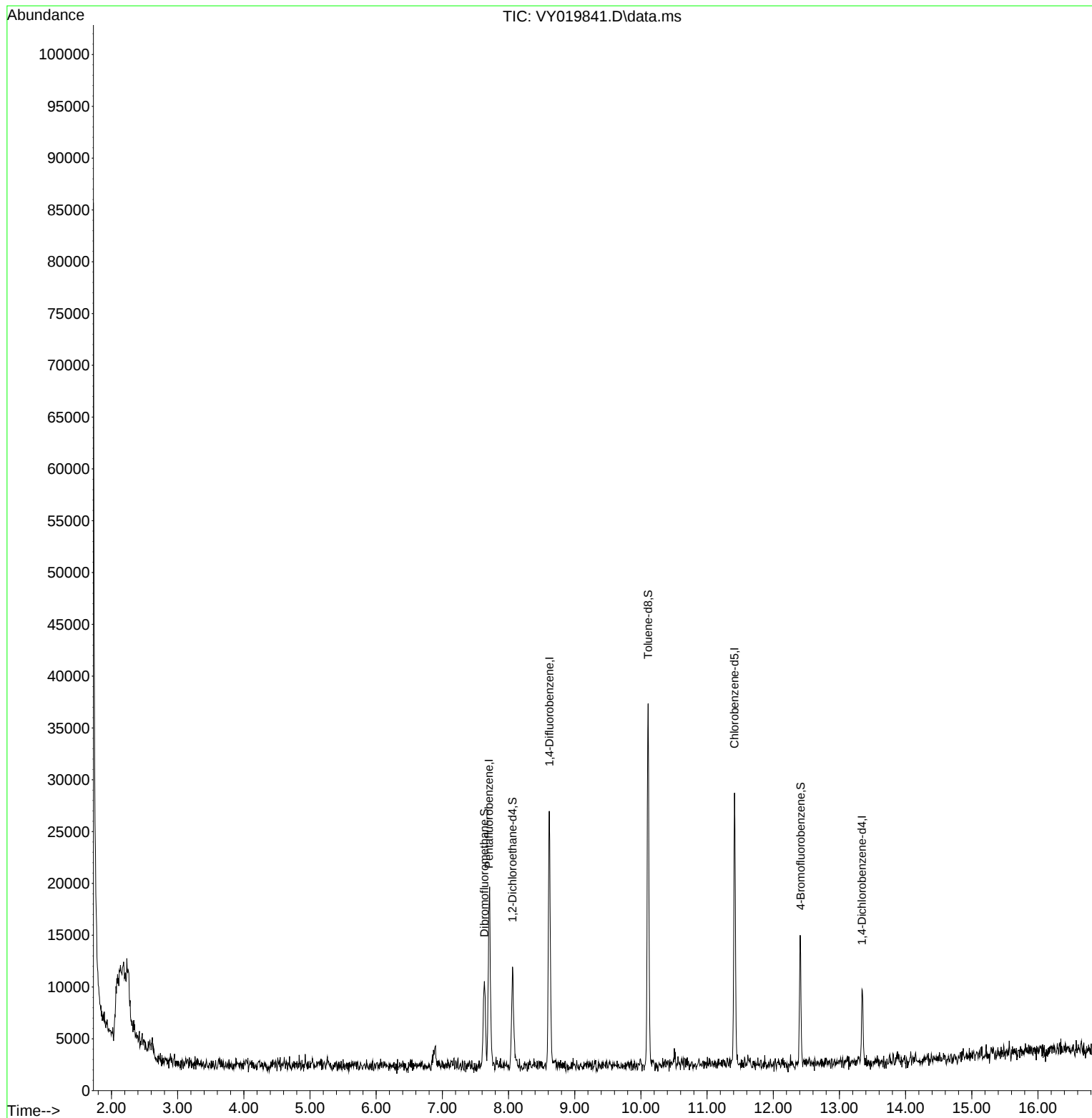
Target Compounds	Qvalue

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

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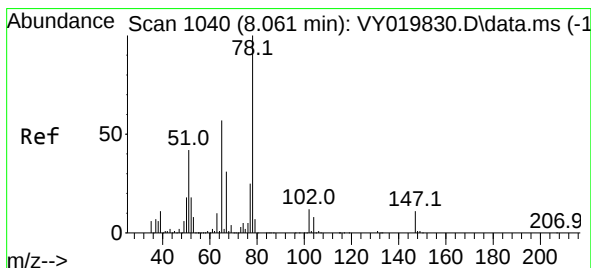
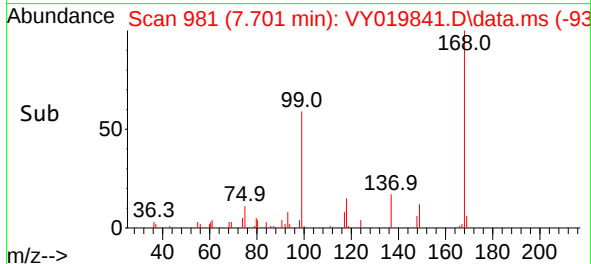
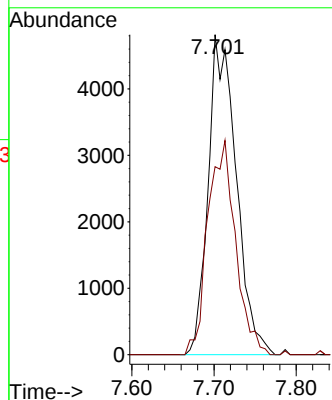
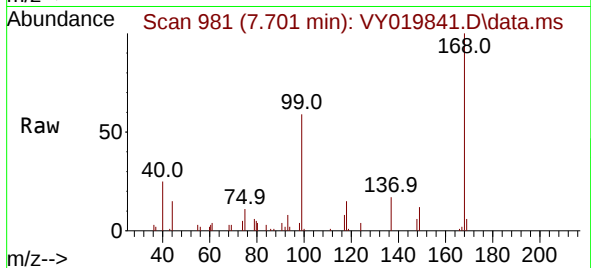




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019841.D
Acq: 09 Oct 2024 18:38

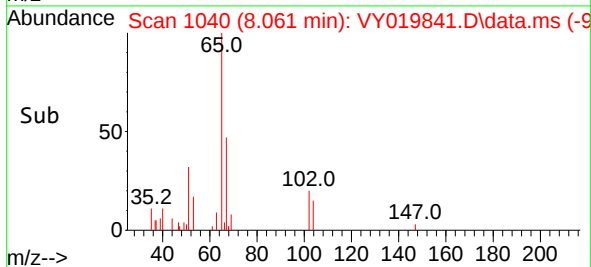
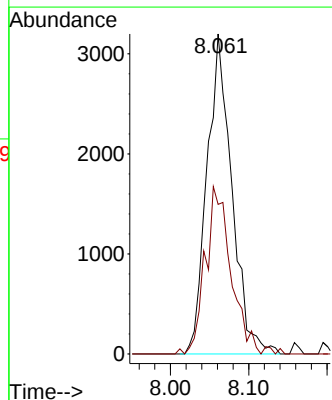
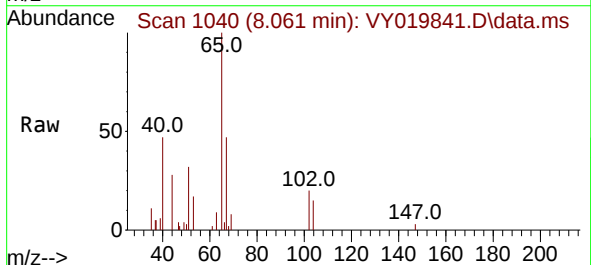
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100724

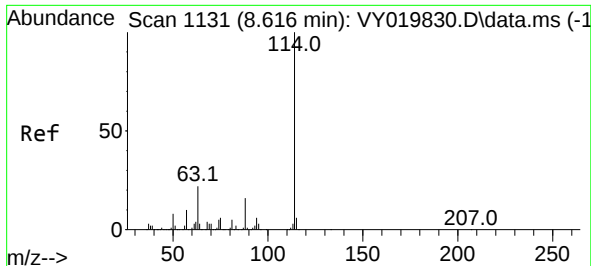
Tgt Ion:168 Resp: 11392
Ion Ratio Lower Upper
168 100
99 58.8 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 50.339 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019841.D
Acq: 09 Oct 2024 18:38

Tgt Ion: 65 Resp: 7061
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019841.D

Acq: 09 Oct 2024 18:38

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-100724

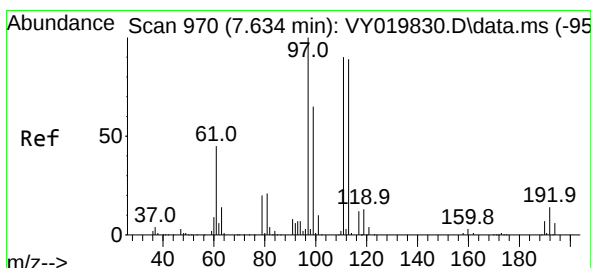
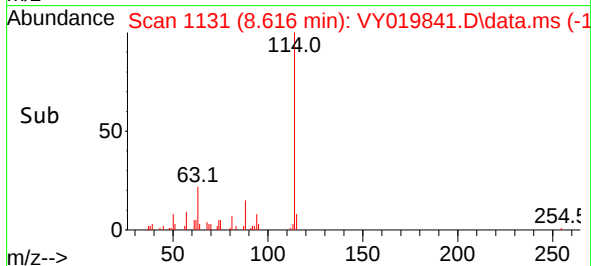
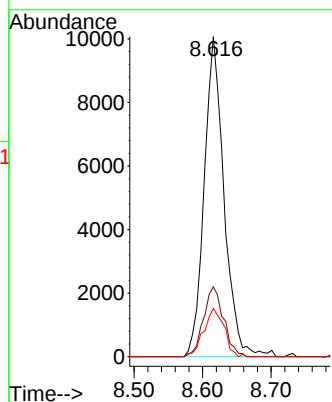
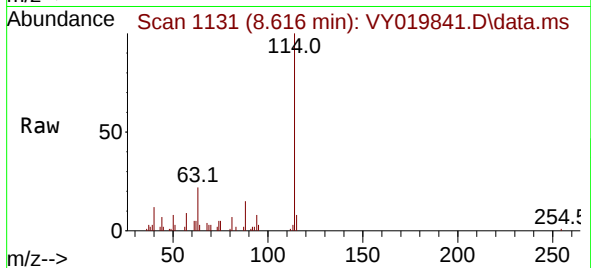
Tgt Ion:114 Resp: 20314

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

88 15.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 43.872 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019841.D

Acq: 09 Oct 2024 18:38

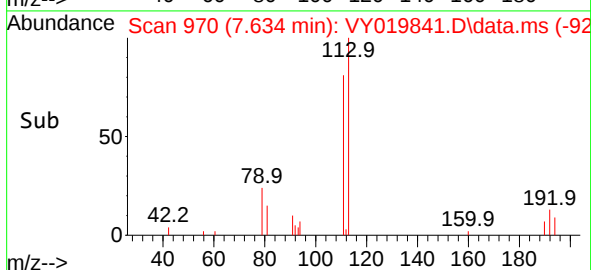
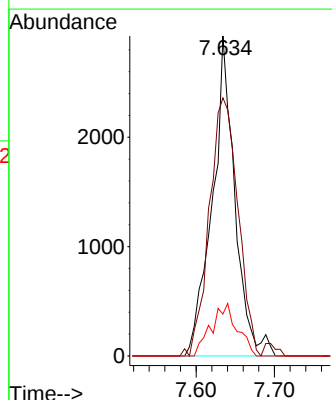
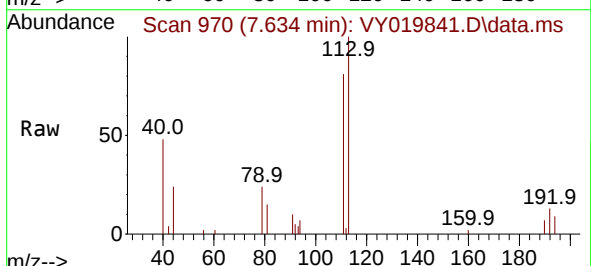
Tgt Ion:113 Resp: 5881

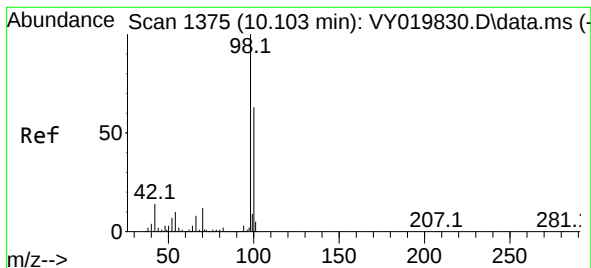
Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 18.8 13.6 20.4





#50

Toluene-d8

Concen: 47.028 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019841.D

Acq: 09 Oct 2024 18:38

Instrument :

MSVOA_Y

ClientSampleId :

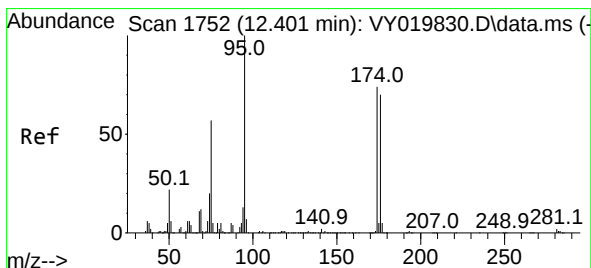
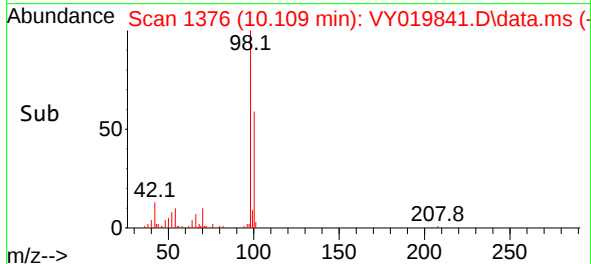
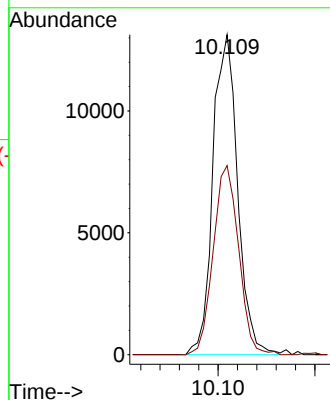
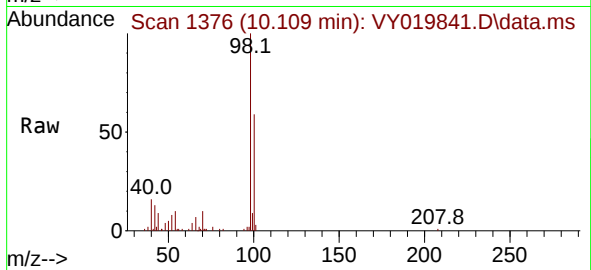
TR-05-100724

Tgt Ion: 98 Resp: 23280

Ion Ratio Lower Upper

98 100

100 60.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 21.597 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY019841.D

Acq: 09 Oct 2024 18:38

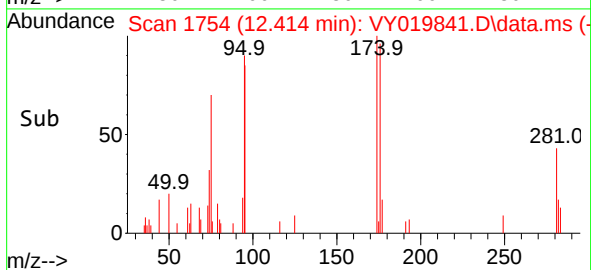
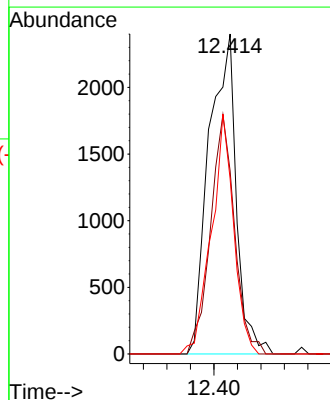
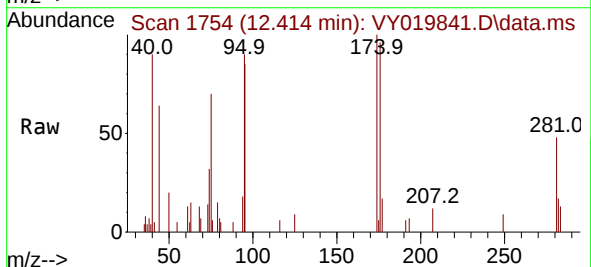
Tgt Ion: 95 Resp: 3863

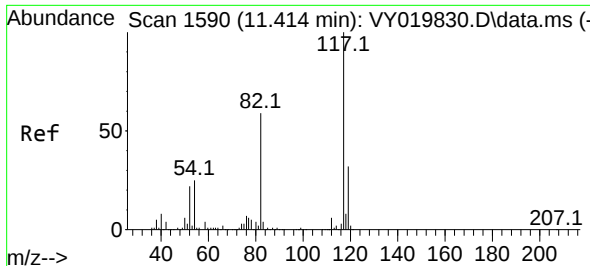
Ion Ratio Lower Upper

95 100

174 66.0 0.0 148.0

176 61.3 0.0 142.4

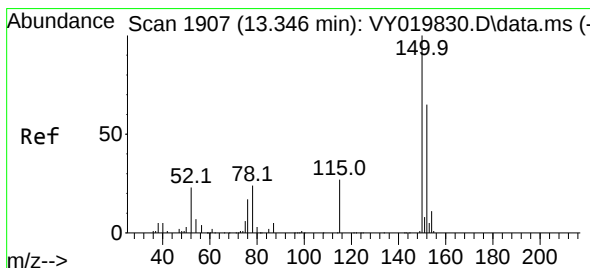
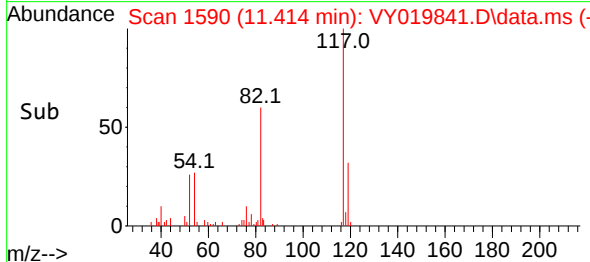
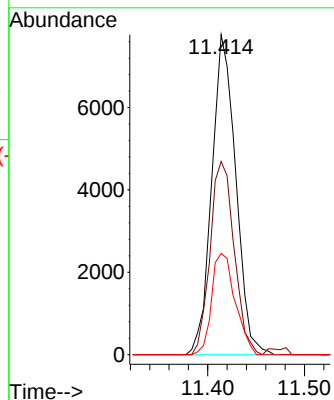
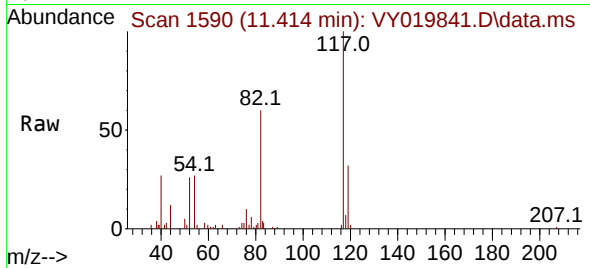




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019841.D
Acq: 09 Oct 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100724

Tgt Ion:	117	Resp:	13361
Ion Ratio	Lower	Upper	
117	100		
82	60.3	46.9	70.3
119	31.7	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY019841.D
Acq: 09 Oct 2024 18:38

Tgt Ion:	152	Resp:	1732
Ion Ratio	Lower	Upper	
152	100		
115	67.1	30.8	92.3
150	135.2	0.0	352.8

