

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019878.D
 Acq On : 11 Oct 2024 17:45
 Operator : SY/MD
 Sample : P4385-17
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-9

Quant Time: Oct 14 01:50:34 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	7.707	168	253892	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	530815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	485576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	181975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	186485	59.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.300%
35) Dibromofluoromethane	7.634	113	175204	50.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.109	98	646582	49.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.402	95	205702	44.011	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.020%

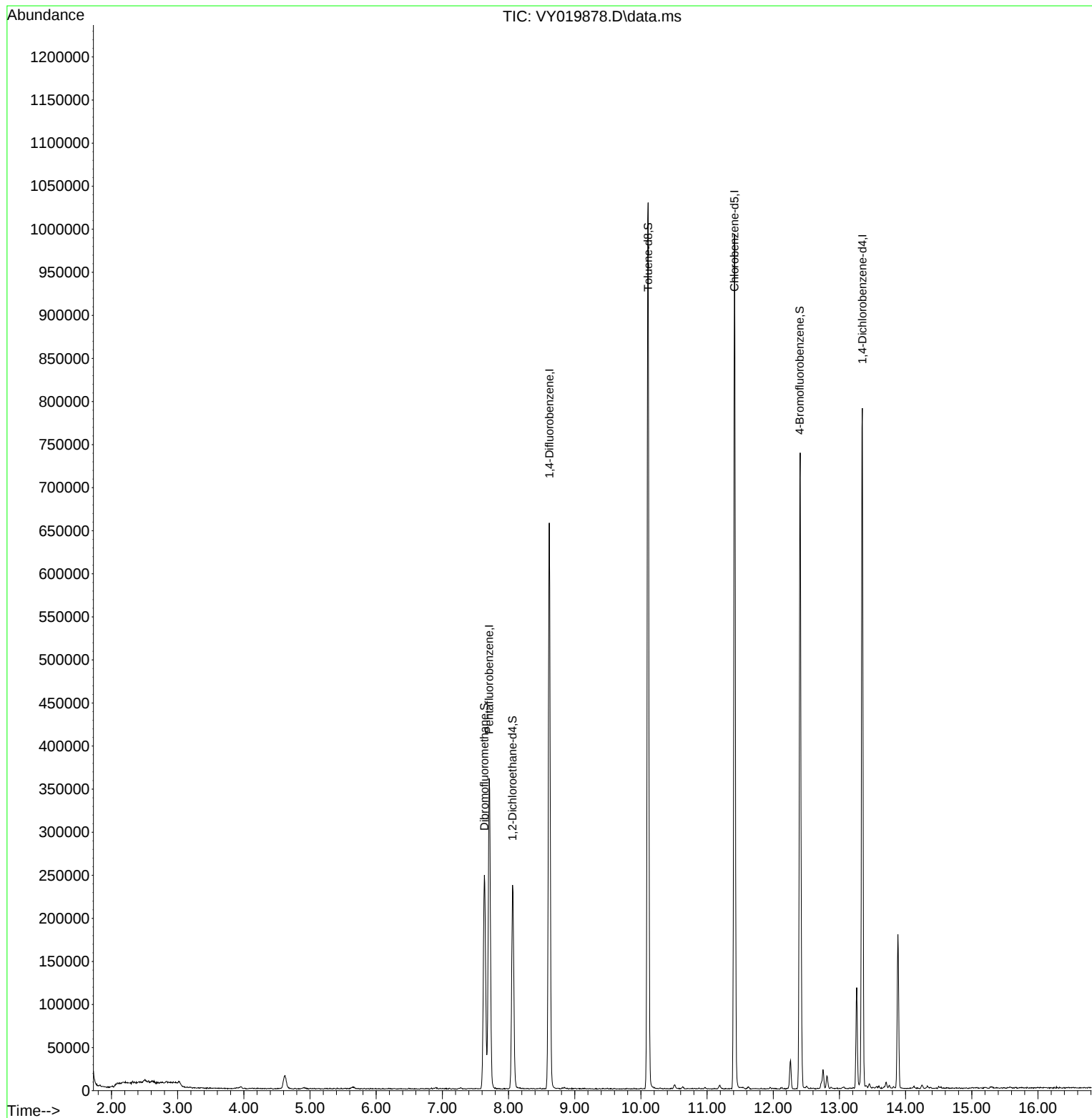
Target Compounds	Qvalue

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

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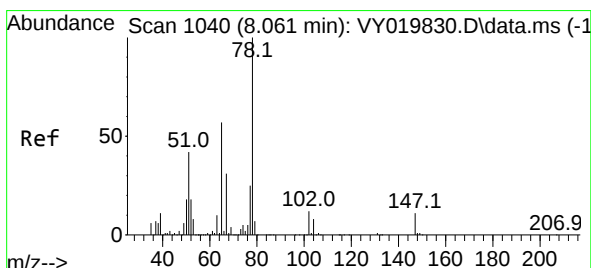
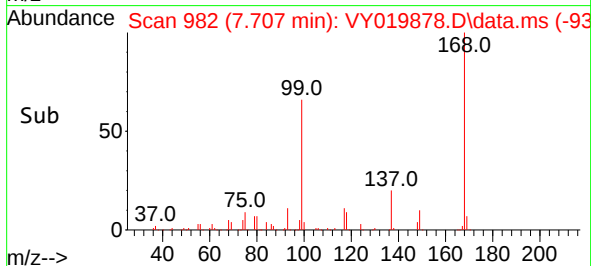
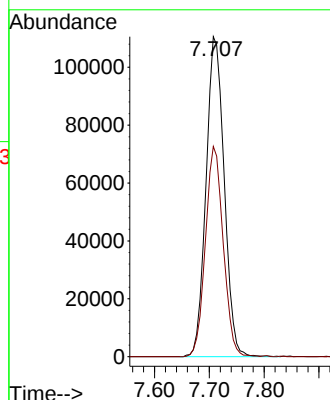
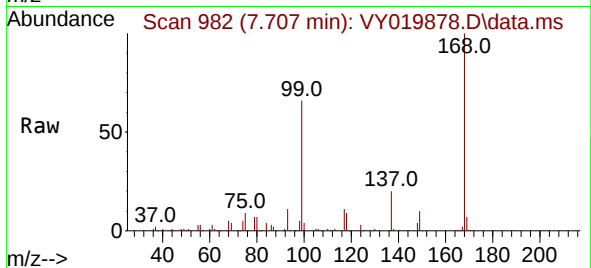




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019878.D
Acq: 11 Oct 2024 17:45

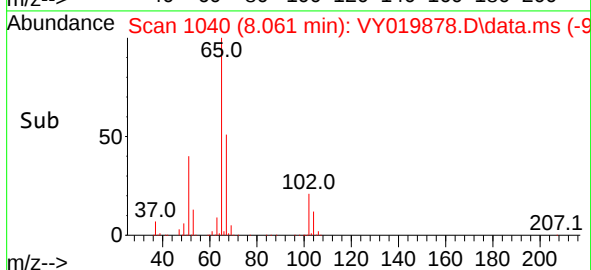
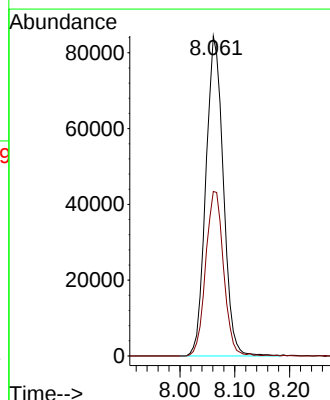
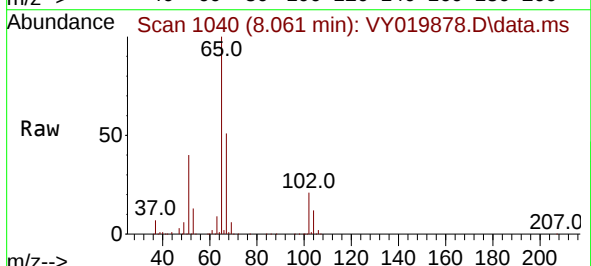
Instrument :
MSVOA_Y
ClientSampleId :
SP-9

Tgt Ion:168 Resp: 253892
Ion Ratio Lower Upper
168 100
99 65.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.653 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019878.D
Acq: 11 Oct 2024 17:45

Tgt Ion: 65 Resp: 186485
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6

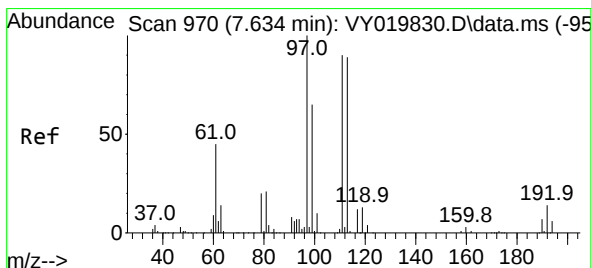
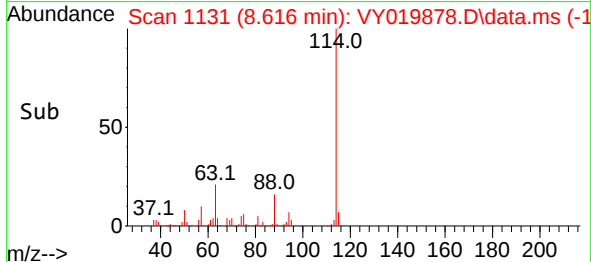
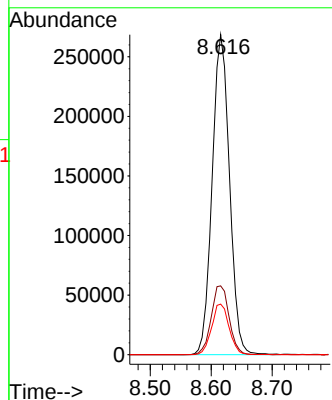
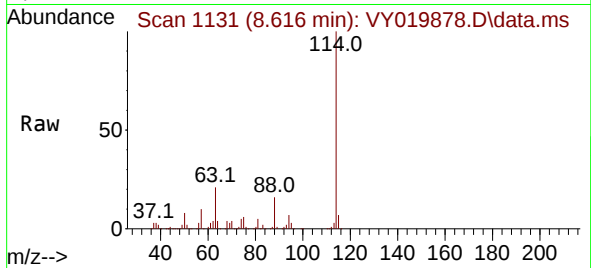




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019878.D
Acq: 11 Oct 2024 17:45

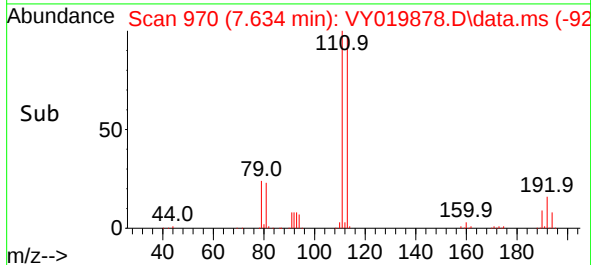
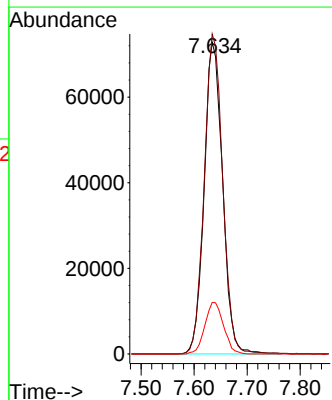
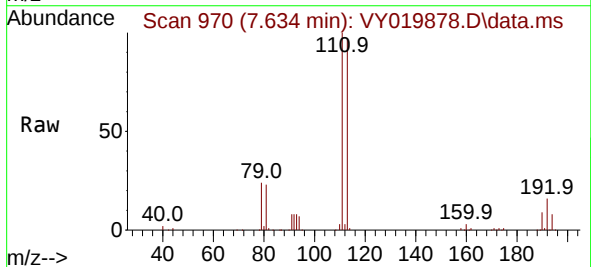
Instrument :
MSVOA_Y
ClientSampleId :
SP-9

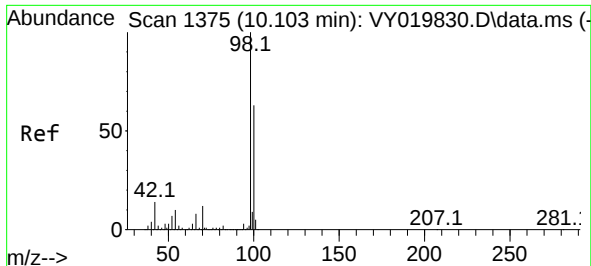
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	35.0
88	15.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.018 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019878.D
Acq: 11 Oct 2024 17:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	16.8	15.9	23.9

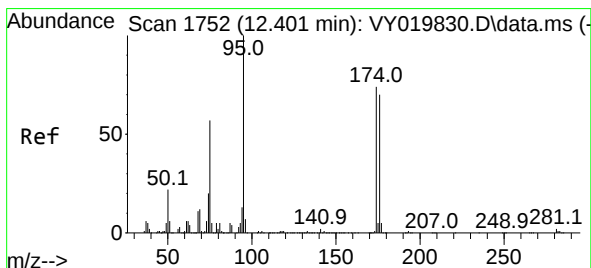
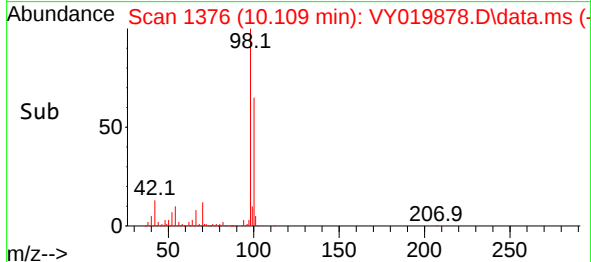
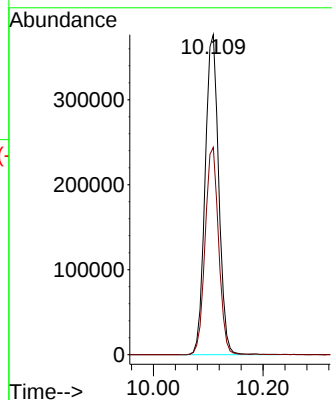
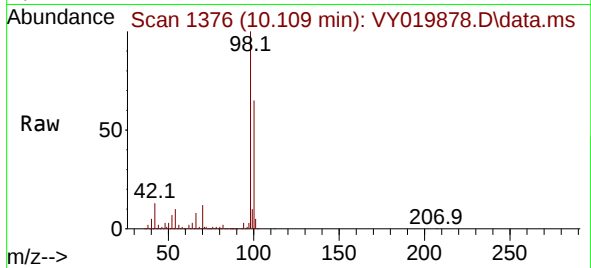




#50
Toluene-d8
Concen: 49.986 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019878.D
Acq: 11 Oct 2024 17:45

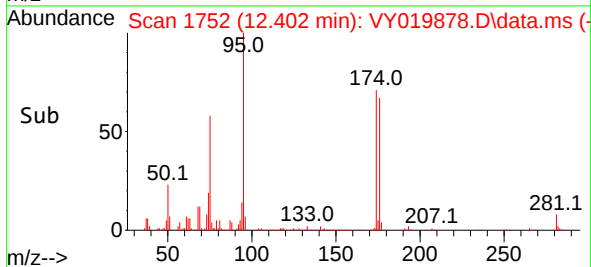
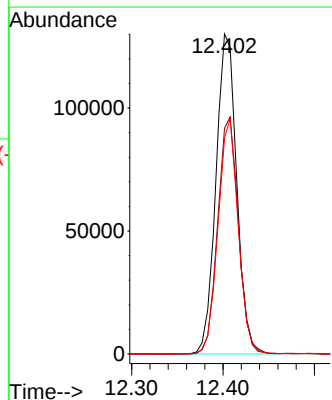
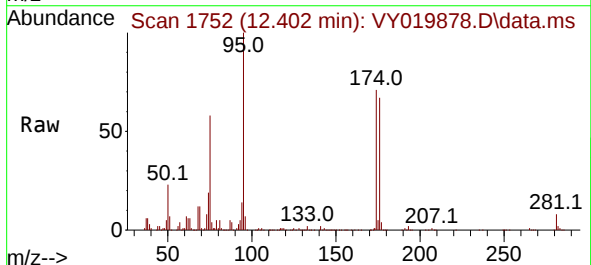
Instrument :
MSVOA_Y
ClientSampleId :
SP-9

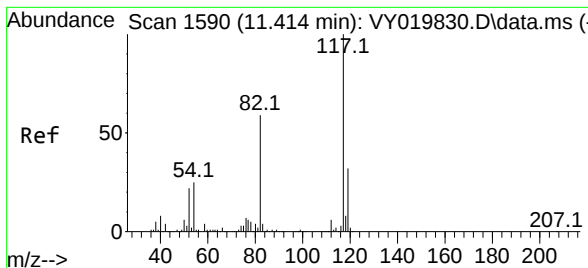
Tgt Ion: 98 Resp: 646582
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.011 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019878.D
Acq: 11 Oct 2024 17:45

Tgt Ion: 95 Resp: 205702
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 71.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019878.D

Acq: 11 Oct 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SP-9

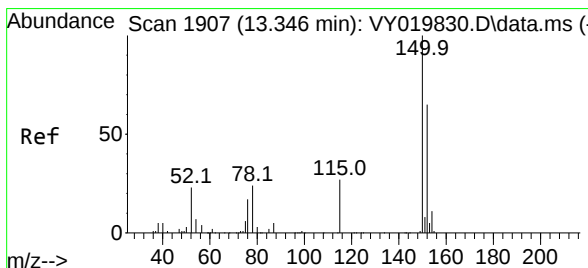
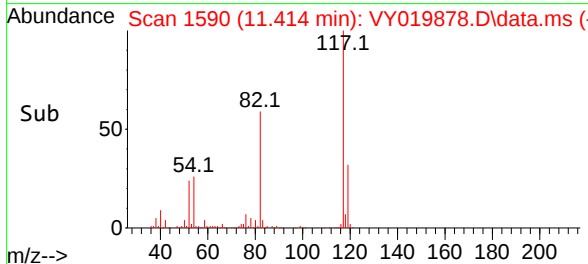
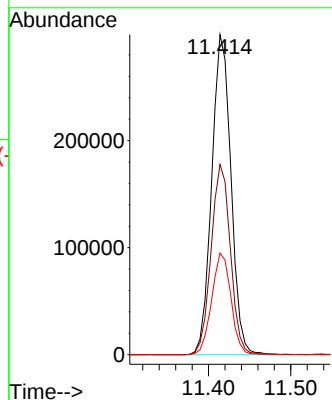
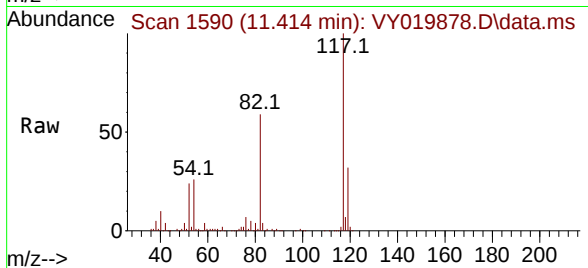
Tgt Ion:117 Resp: 485576

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

119 31.8 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: VY019878.D

Acq: 11 Oct 2024 17:45

Tgt Ion:152 Resp: 181975

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 157.0 0.0 345.6

