

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013941.D
 Acq On : 31 May 2023 17:23
 Operator : KP/MD
 Sample : 02955-06RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB26RE

Quant Time: May 31 17:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	25206	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	40676	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.484	117	35284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	18197	62.402	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.800%
35) Dibromofluoromethane	7.710	113	14204	54.072	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.140%
50) Toluene-d8	10.179	98	47448	47.524	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.477	95	13081	39.417	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.840%

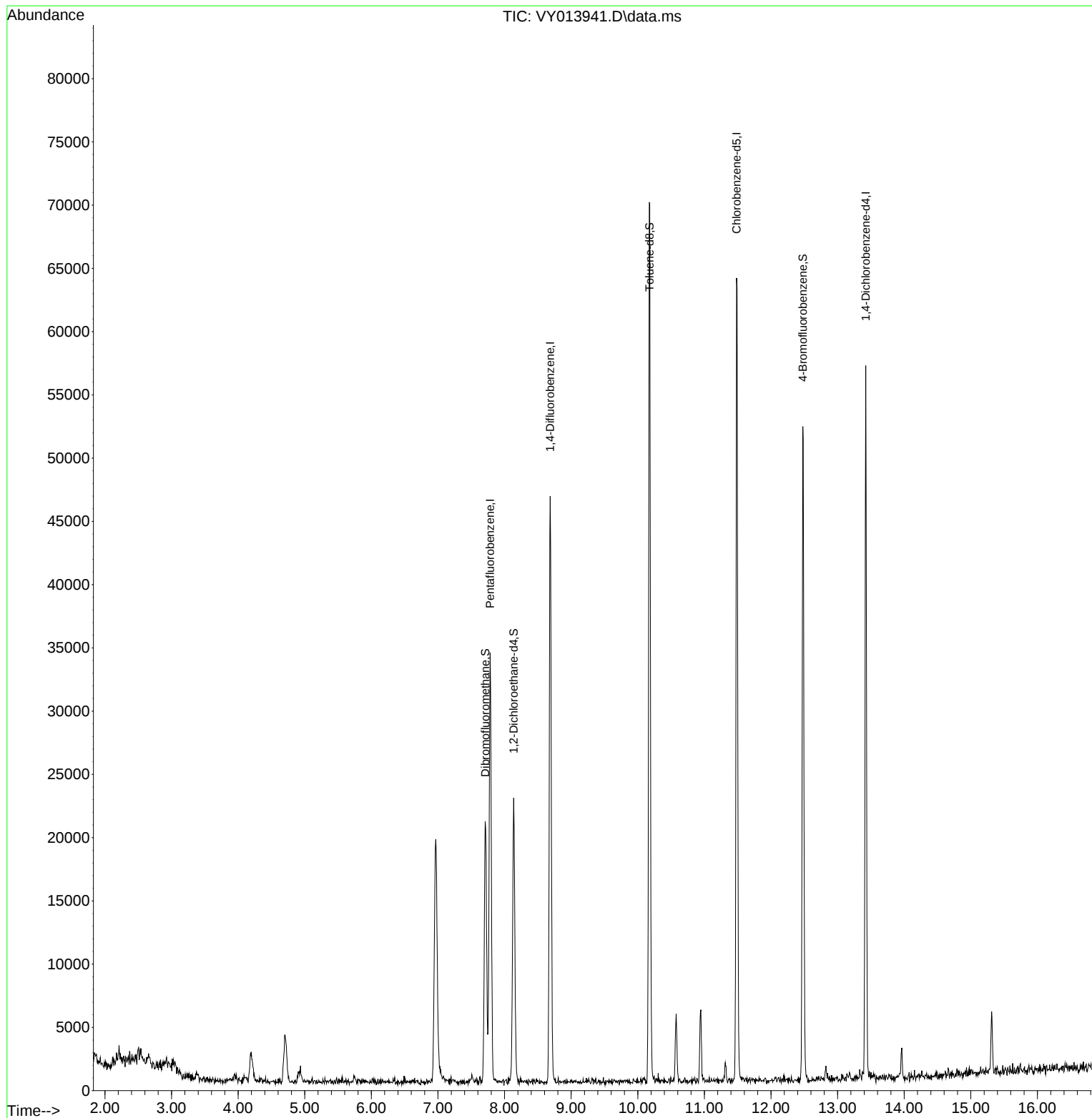
Target Compounds	Qvalue

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

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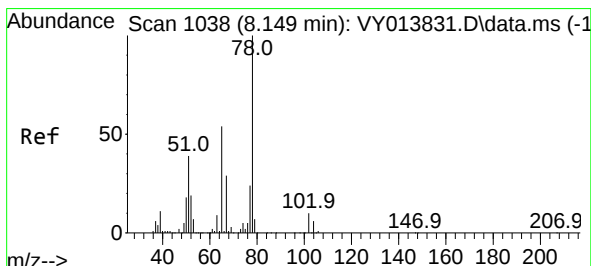
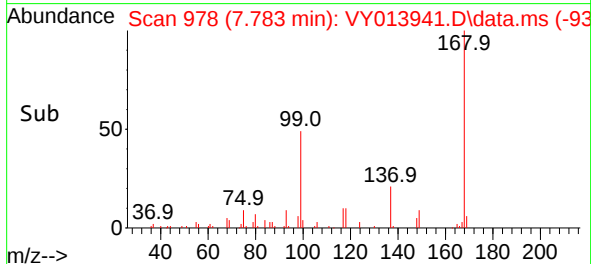
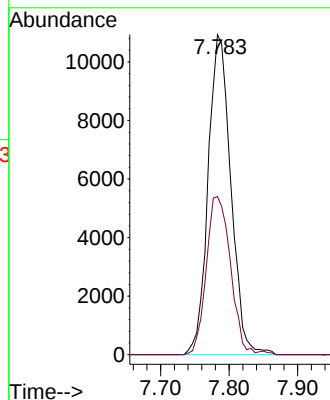
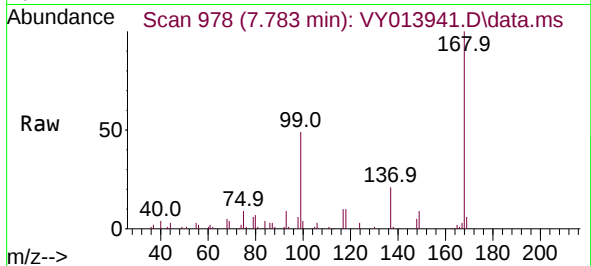




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013941.D
Acq: 31 May 2023 17:23

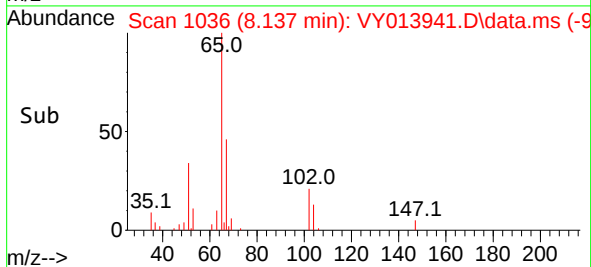
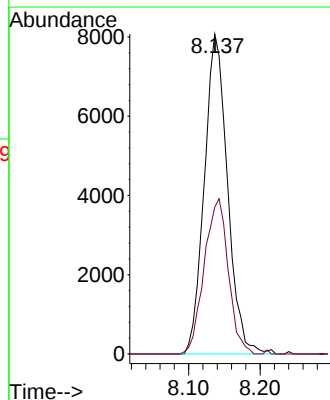
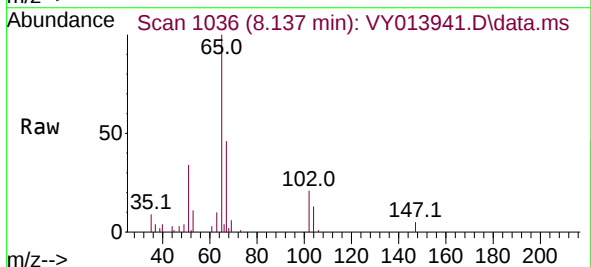
Instrument :
MSVOA_Y
ClientSampleId :
SB26RE

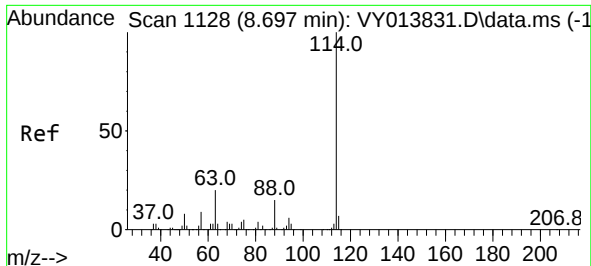
Tgt Ion:168 Resp: 25206
Ion Ratio Lower Upper
168 100
99 49.4 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 62.402 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013941.D
Acq: 31 May 2023 17:23

Tgt Ion: 65 Resp: 18197
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4

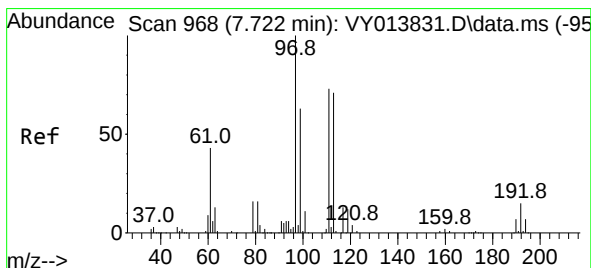
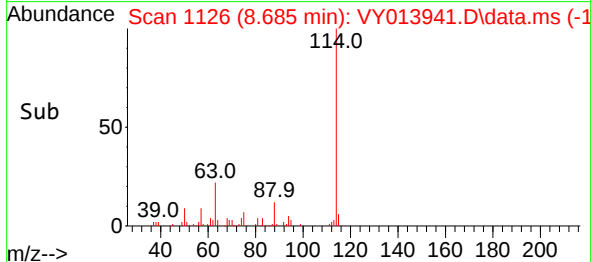
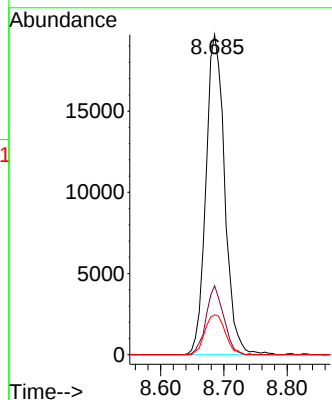
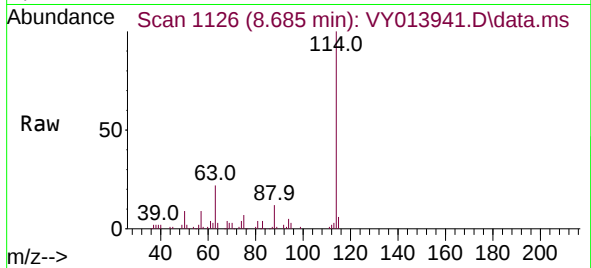




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VY013941.D
Acq: 31 May 2023 17:23

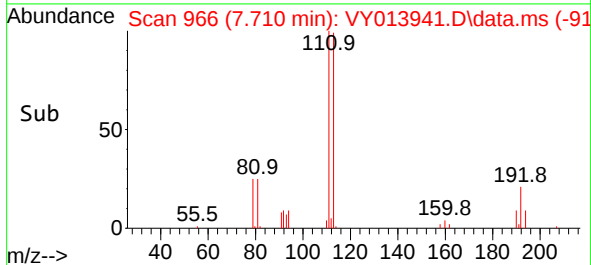
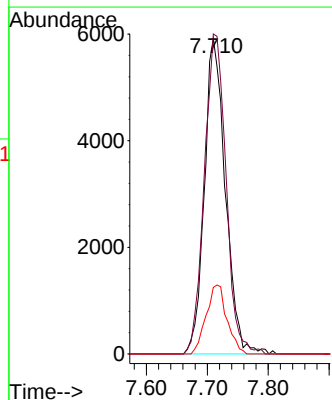
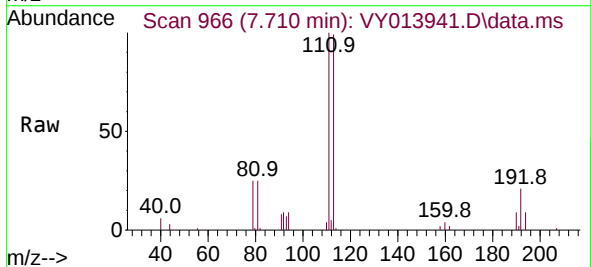
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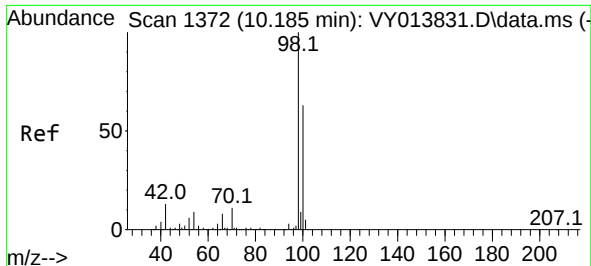
Tgt Ion:114	Resp:	40676
Ion Ratio	Lower	Upper
114	100	
63	21.5	0.0 40.2
88	12.4	0.0 30.0



#35
Dibromofluoromethane
Concen: 54.072 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY013941.D
Acq: 31 May 2023 17:23

Tgt Ion:113	Resp:	14204
Ion Ratio	Lower	Upper
113	100	
111	104.6	80.4 120.6
192	21.5	16.6 25.0

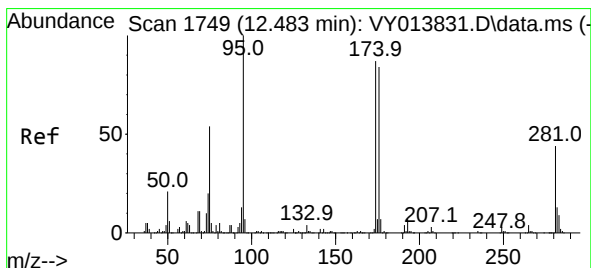
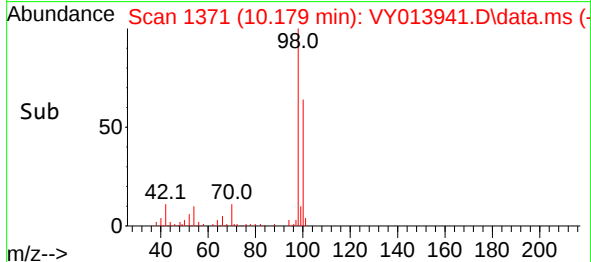
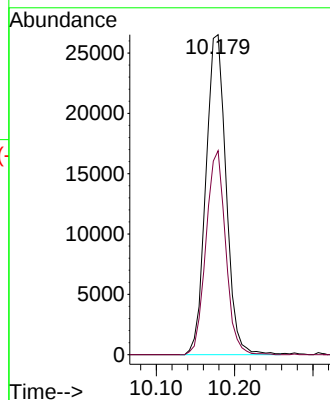
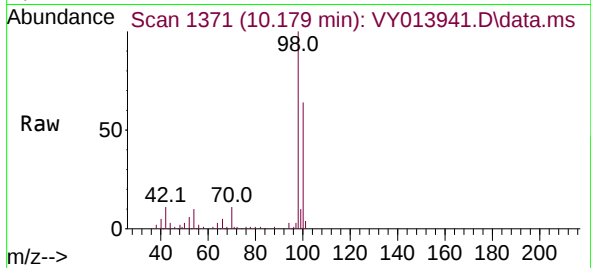




#50
Toluene-d8
Concen: 47.524 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013941.D
Acq: 31 May 2023 17:23

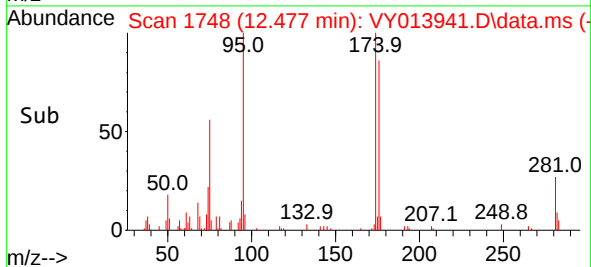
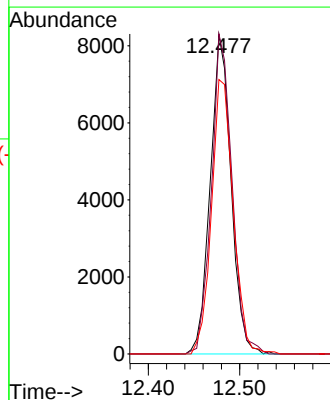
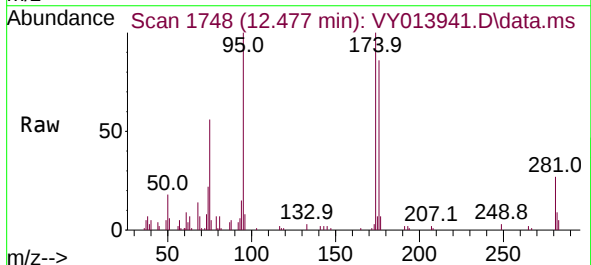
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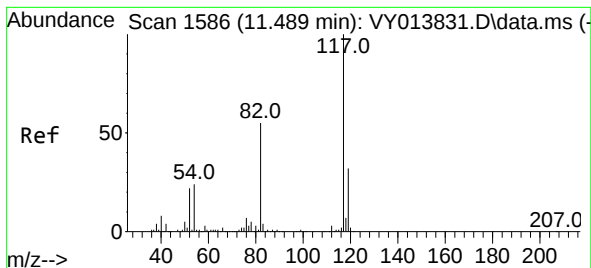
Tgt Ion: 98 Resp: 47448
Ion Ratio Lower Upper
98 100
100 62.0 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 39.417 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013941.D
Acq: 31 May 2023 17:23

Tgt Ion: 95 Resp: 13081
Ion Ratio Lower Upper
95 100
174 99.1 0.0 176.0
176 90.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013941.D

Acq: 31 May 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

SB26RE

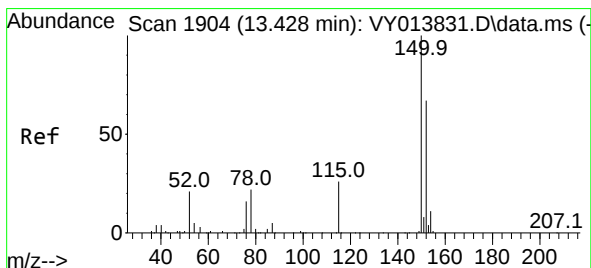
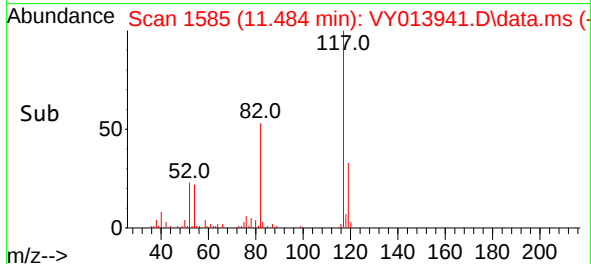
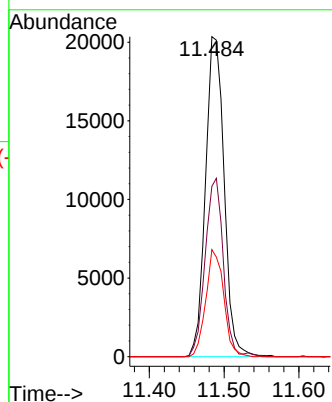
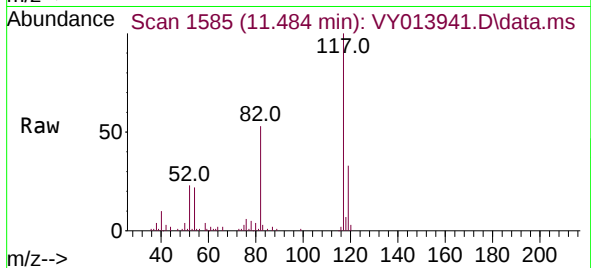
Tgt Ion:117 Resp: 35284

Ion Ratio Lower Upper

117 100

82 53.2 44.2 66.4

119 33.4 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013941.D

Acq: 31 May 2023 17:23

Tgt Ion:152 Resp: 14781

Ion Ratio Lower Upper

152 100

115 51.6 28.8 86.5

150 149.2 0.0 353.4

