

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020288.D
 Acq On : 13 Nov 2024 17:12
 Operator : SY/MD
 Sample : P4822-03
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2

Quant Time: Nov 14 01:00:28 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	264987	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	538681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	472561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	152978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163127	49.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.640%
35) Dibromofluoromethane	7.640	113	169064	49.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.109	98	660885	48.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.408	95	188805	42.638	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.280%

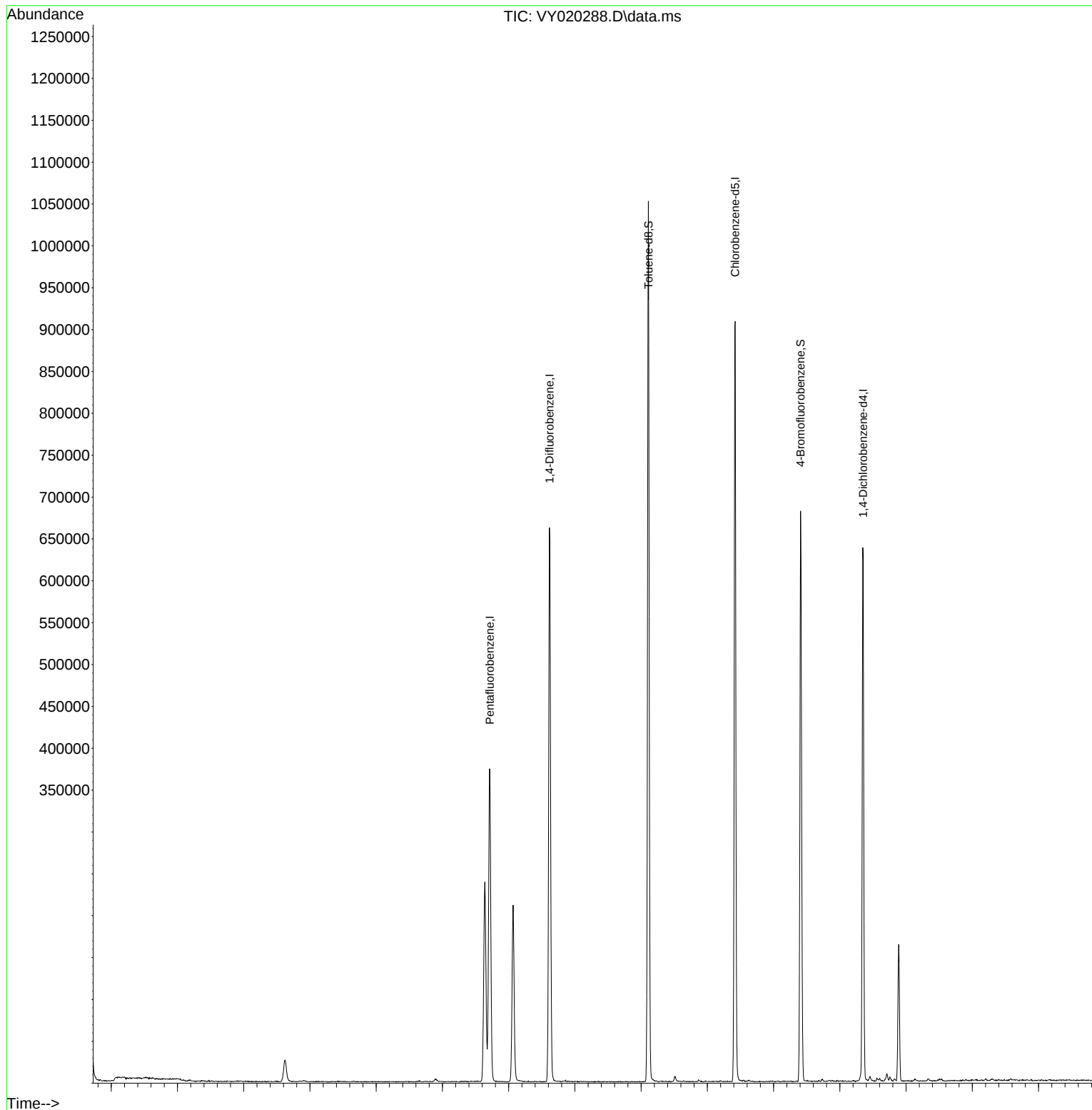
Target Compounds Qvalue

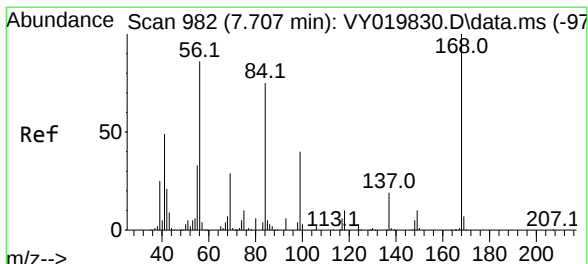
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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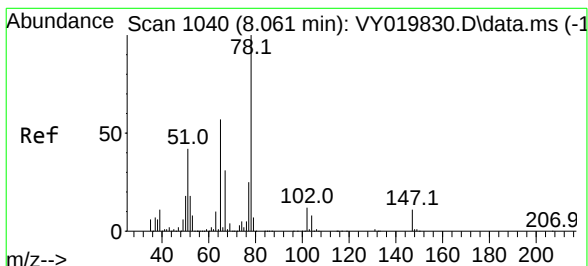
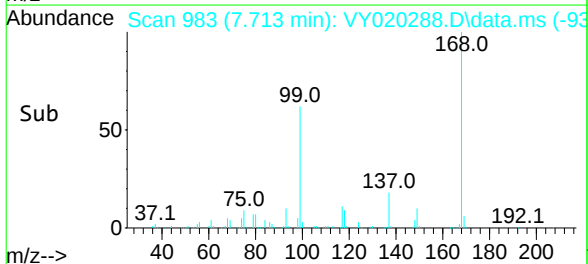
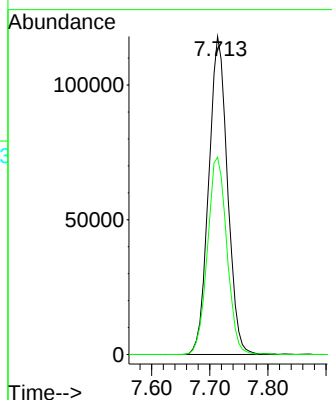
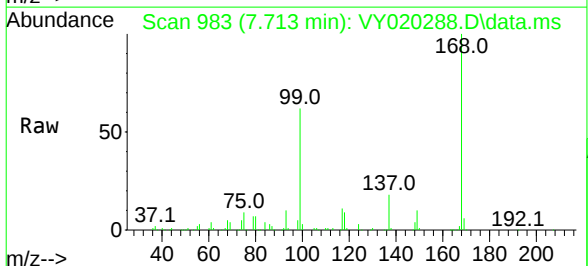




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

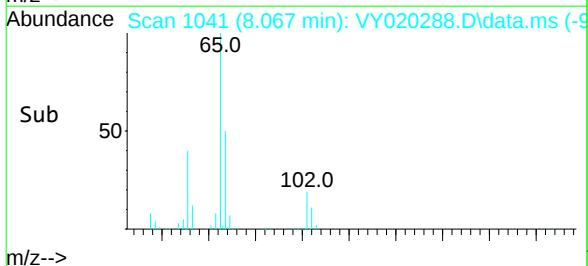
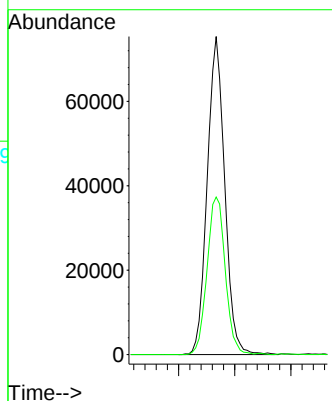
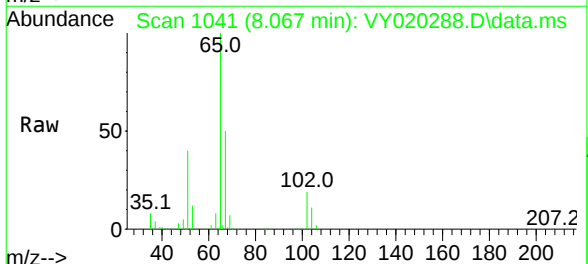
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

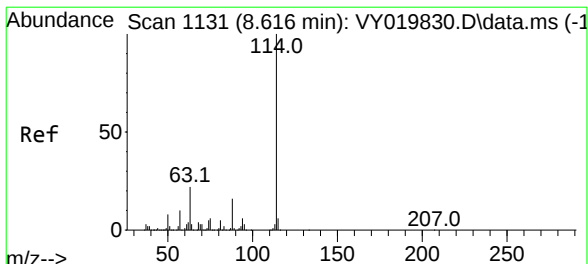
Tgt Ion: 168 Resp: 264987
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 49.325 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

Tgt Ion: 65 Resp: 163127
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

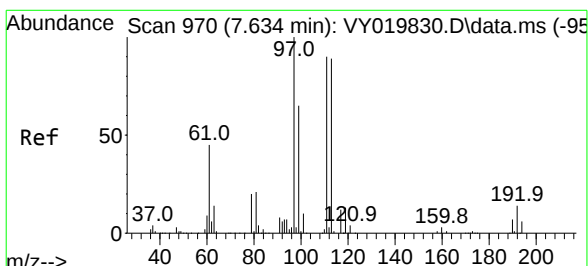
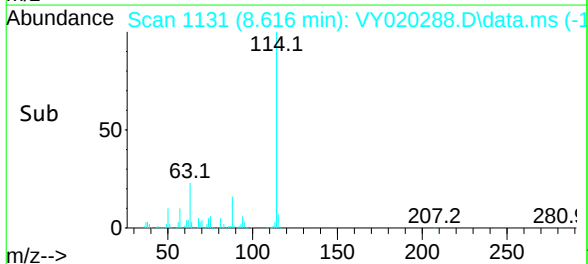
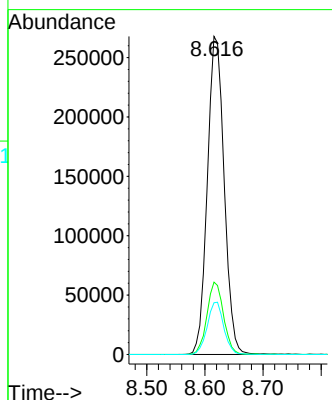
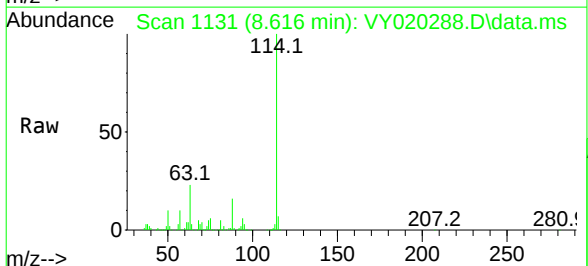




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020288.D
 Acq: 13 Nov 2024 17:12

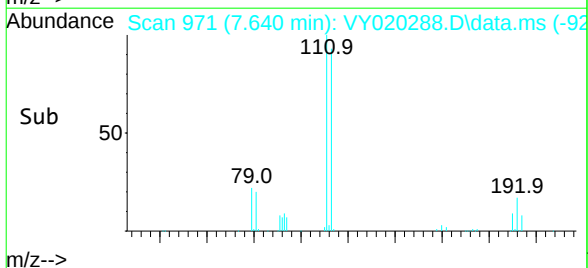
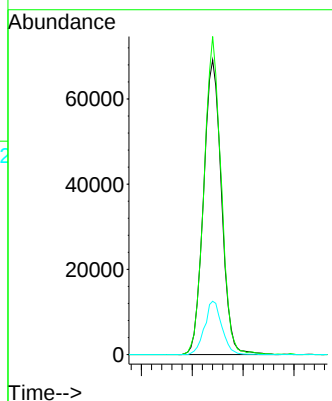
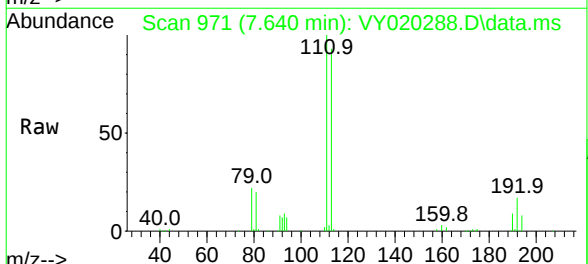
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2

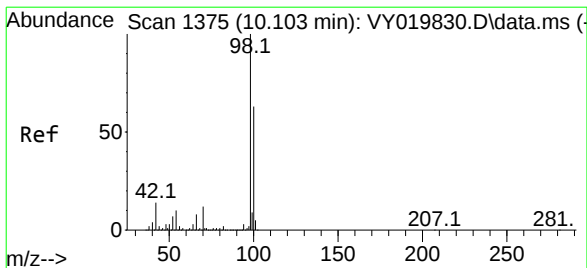
Tgt Ion:	114	Resp:	538681
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	35.0
88	16.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 49.363 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020288.D
 Acq: 13 Nov 2024 17:12

Tgt Ion:	113	Resp:	169064
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	17.6	15.9	23.9





#50

Toluene-d8

Concen: 48.478 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020288.D

Acq: 13 Nov 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

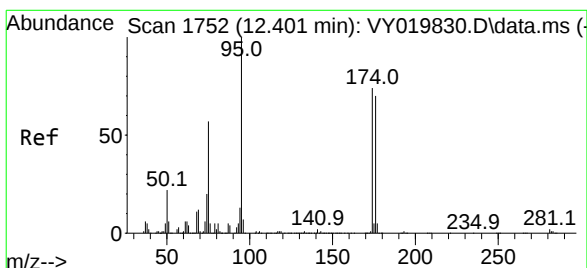
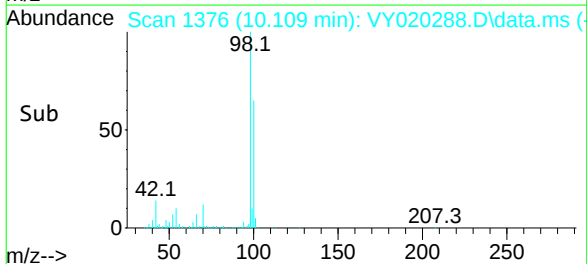
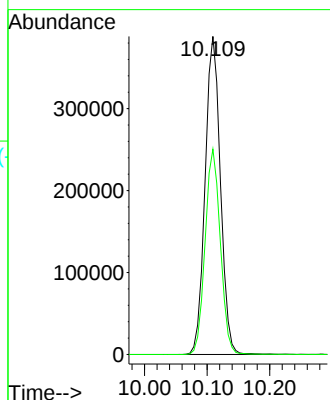
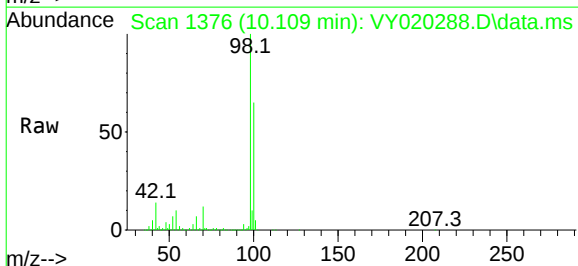
SOIL-2

Tgt Ion: 98 Resp: 660885

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.638 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020288.D

Acq: 13 Nov 2024 17:12

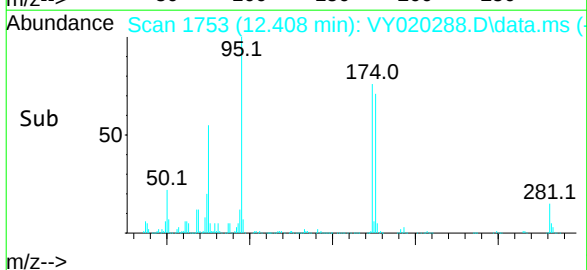
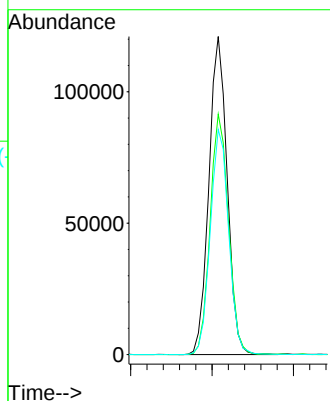
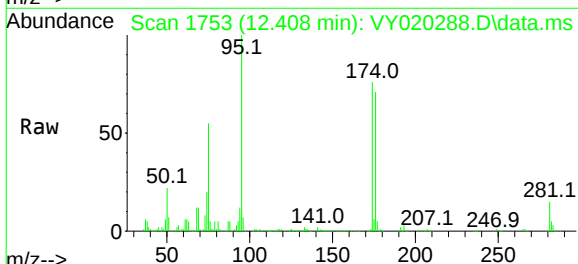
Tgt Ion: 95 Resp: 188805

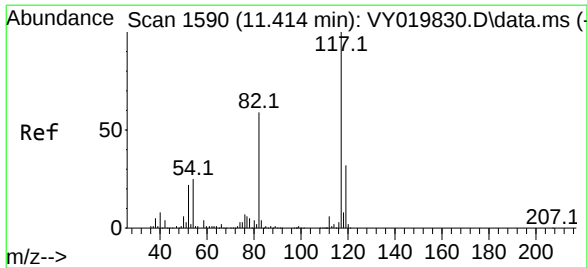
Ion Ratio Lower Upper

95 100

174 76.0 0.0 175.6

176 71.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020288.D

Acq: 13 Nov 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2

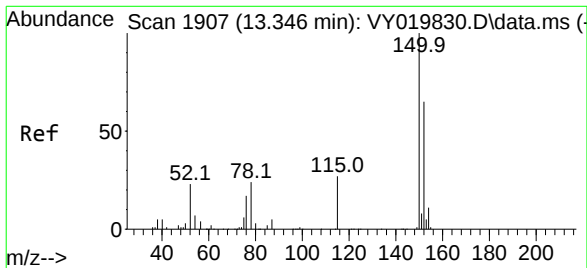
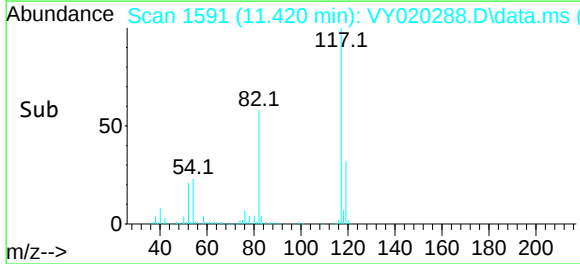
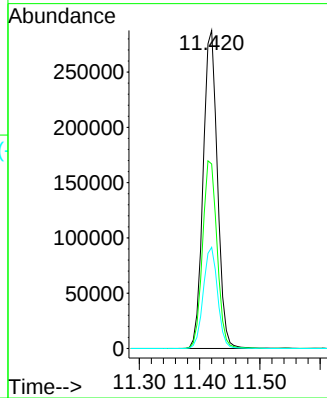
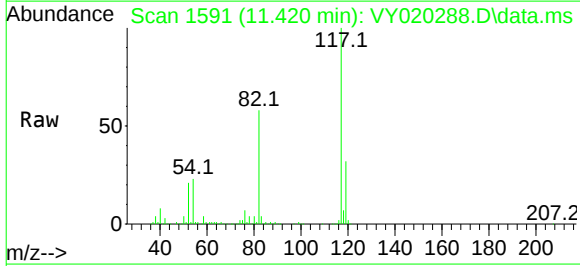
Tgt Ion:117 Resp: 472561

Ion Ratio Lower Upper

117 100

82 58.0 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020288.D

Acq: 13 Nov 2024 17:12

Tgt Ion:152 Resp: 152978

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 157.3 0.0 345.6

