

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009055.D
 Acq On : 24 May 2022 12:37
 Operator : KP/MD
 Sample : N2982-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-2

Quant Time: May 25 02:51:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2493	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	4830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3024	117.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	235.720%#
35) Dibromofluoromethane	7.722	113	1967	65.490	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.980%
50) Toluene-d8	10.179	98	5830	52.616	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.240%
62) 4-Bromofluorobenzene	12.483	95	1816	40.629	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.260%

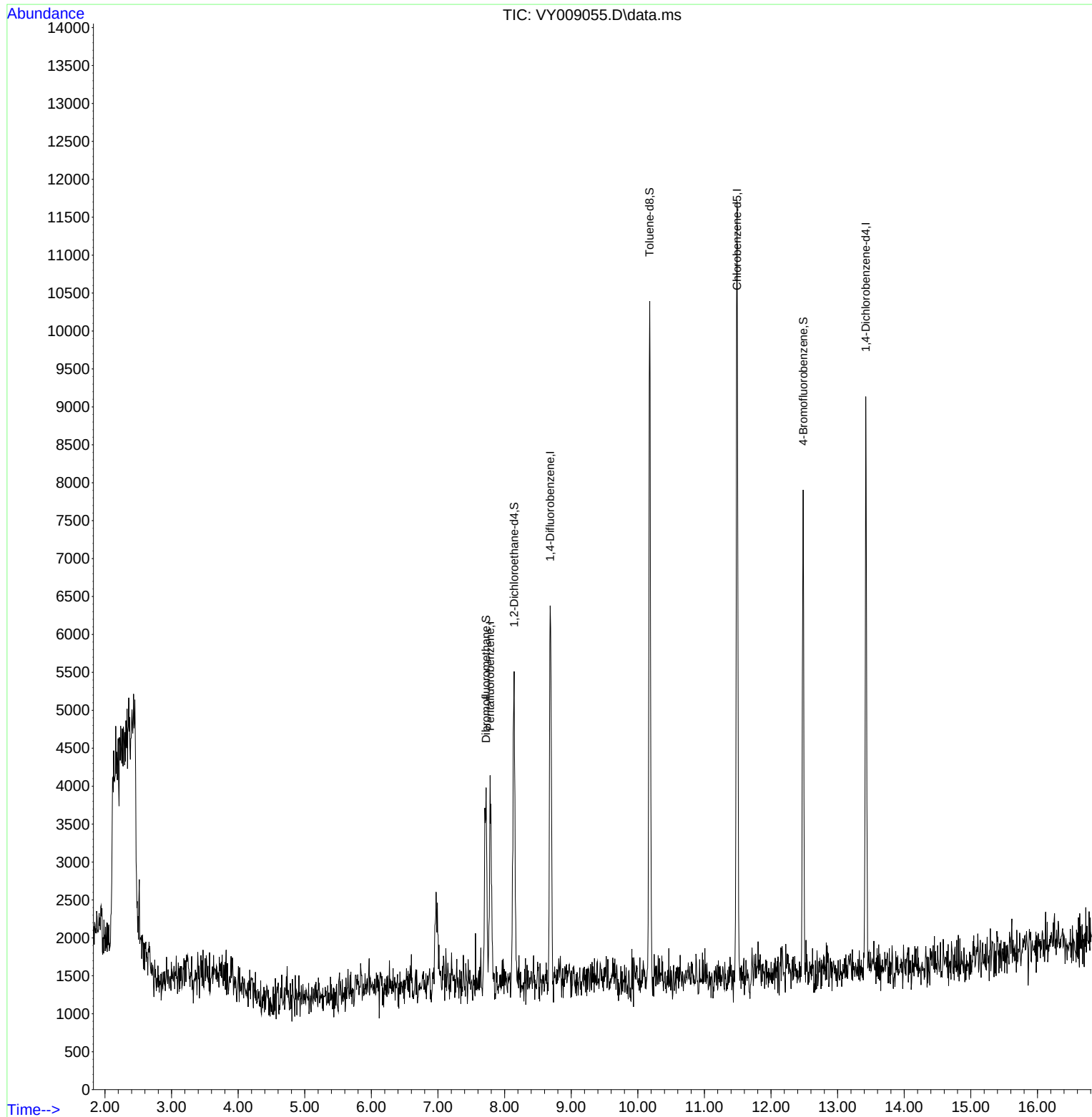
Target Compounds	Qvalue

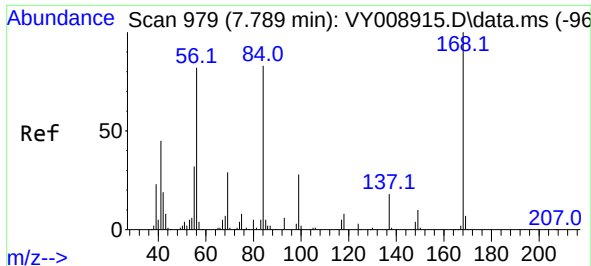
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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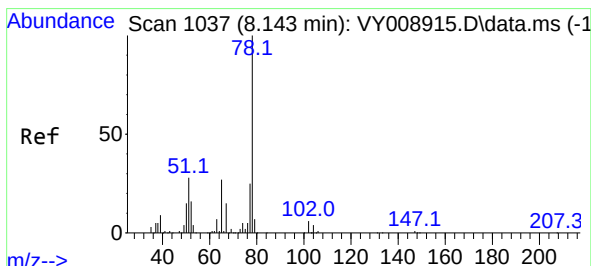
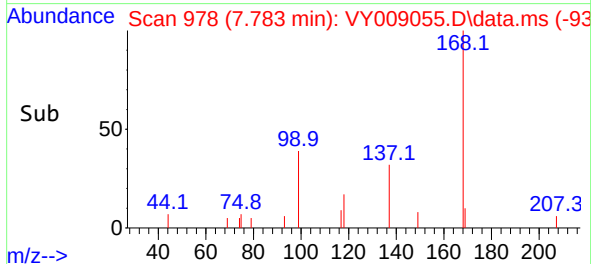
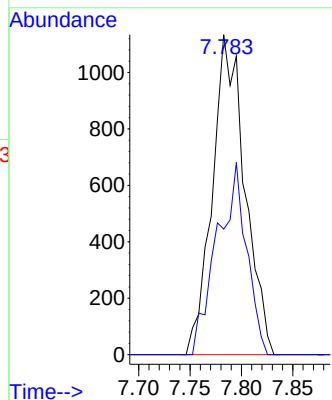
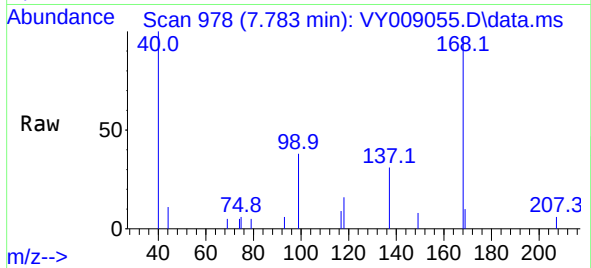




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

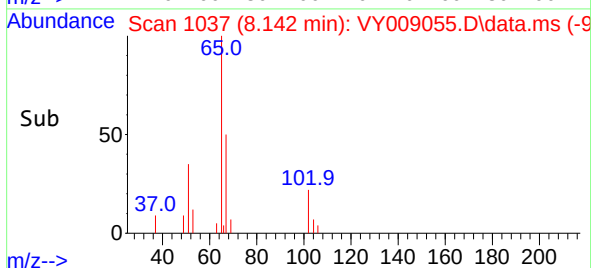
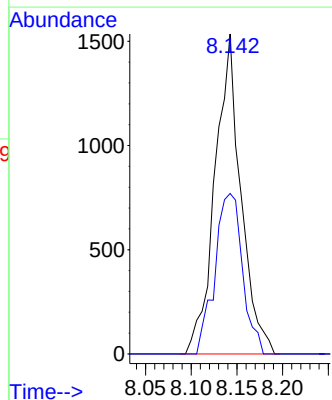
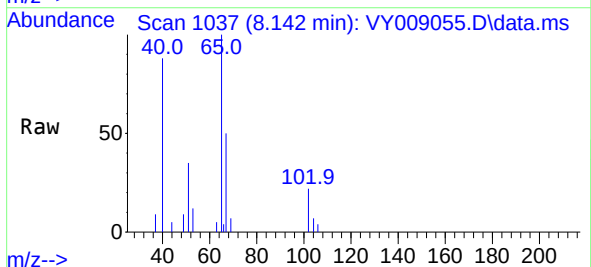
Instrument :
MSVOA_Y
ClientSampleId :
P-2

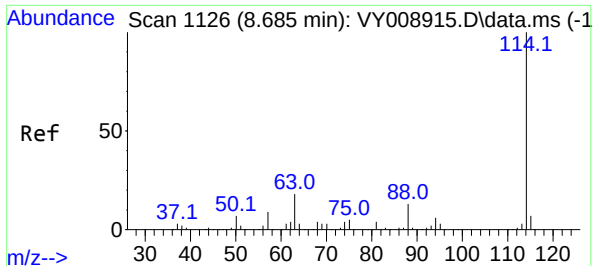
Tgt Ion:168 Resp: 2493
Ion Ratio Lower Upper
168 100
99 39.2 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 117.860 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

Tgt Ion: 65 Resp: 3024
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009055.D

Acq: 24 May 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

P-2

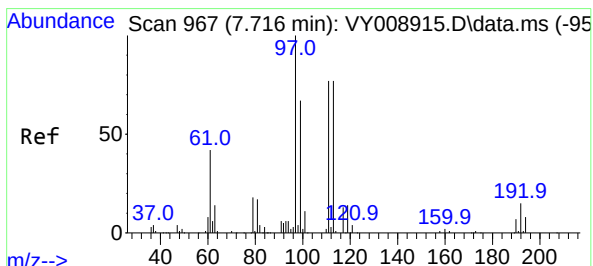
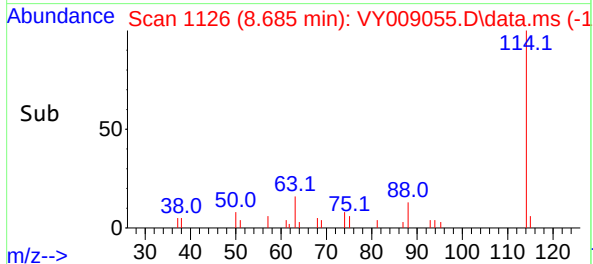
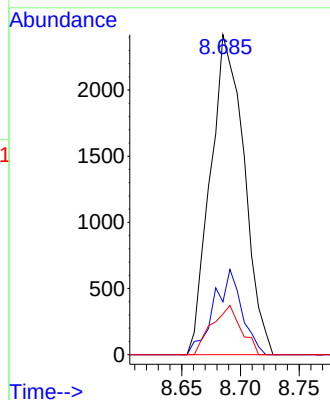
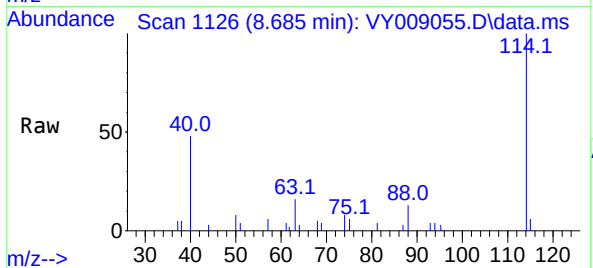
Tgt Ion:114 Resp: 4830

Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 12.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.490 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY009055.D

Acq: 24 May 2022 12:37

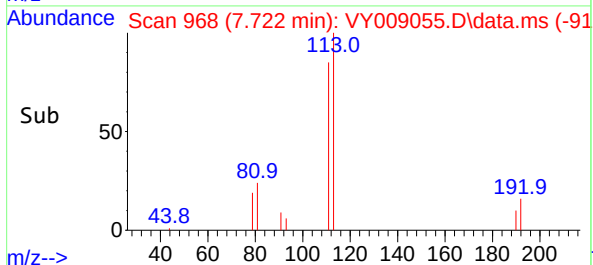
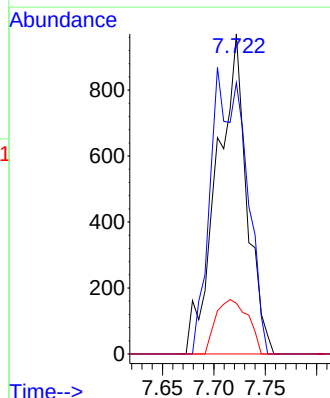
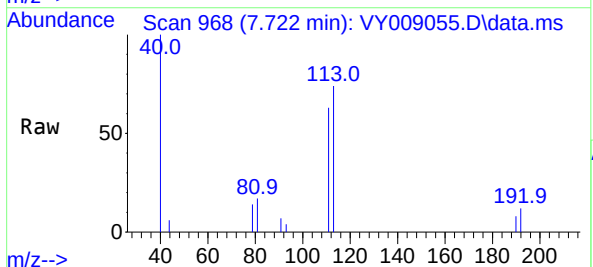
Tgt Ion:113 Resp: 1967

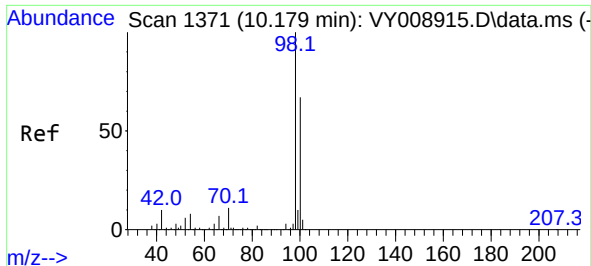
Ion Ratio Lower Upper

113 100

111 105.4 82.6 124.0

192 18.3 17.6 26.4

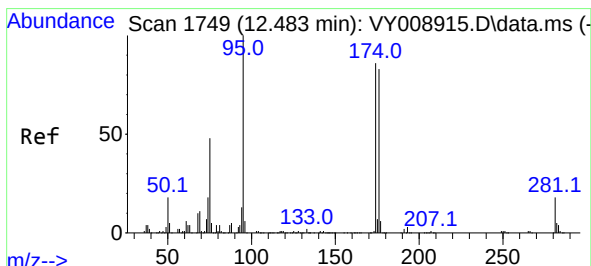
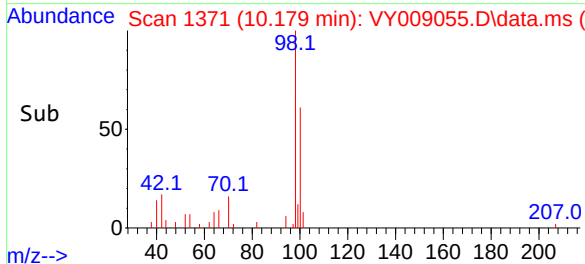
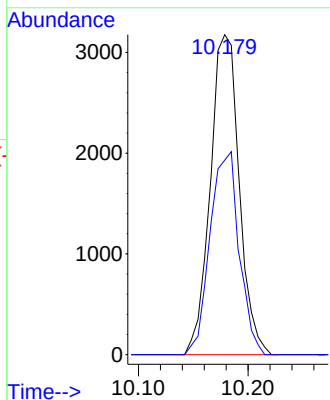
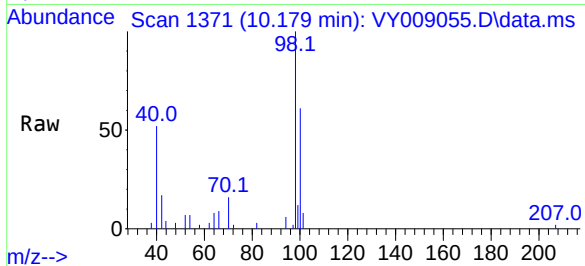




#50
Toluene-d8
Concen: 52.616 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

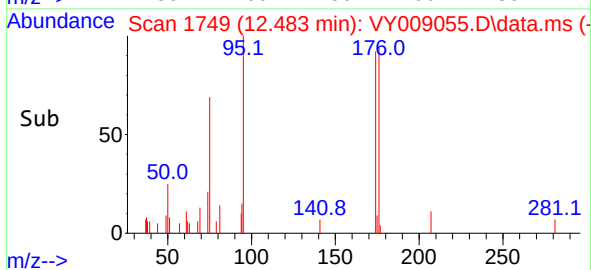
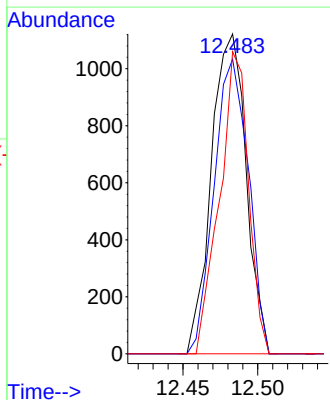
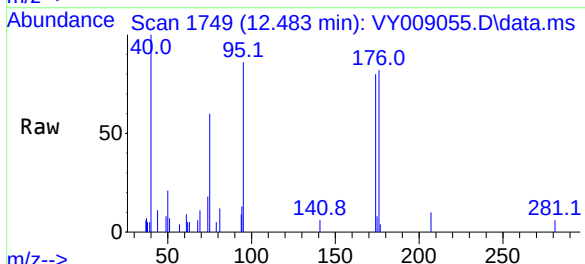
Instrument :
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P-2

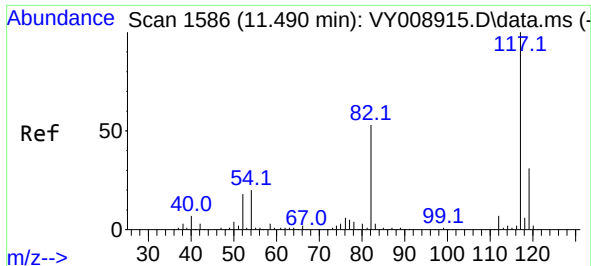
Tgt Ion: 98 Resp: 5830
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.629 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

Tgt Ion: 95 Resp: 1816
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 78.6 0.0 175.8

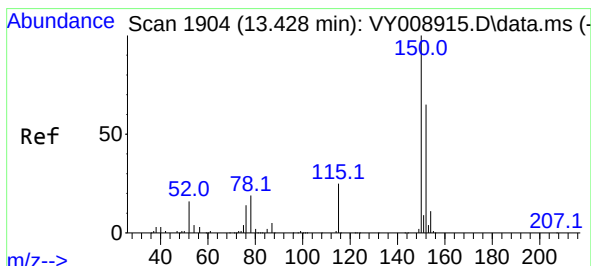
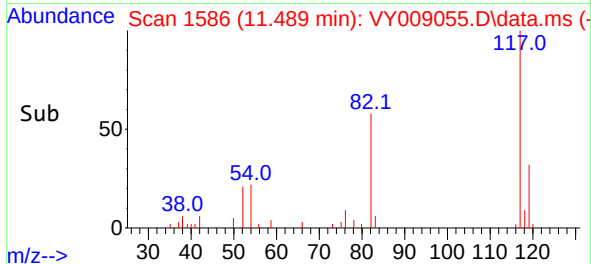
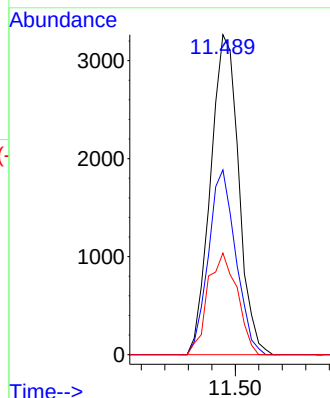
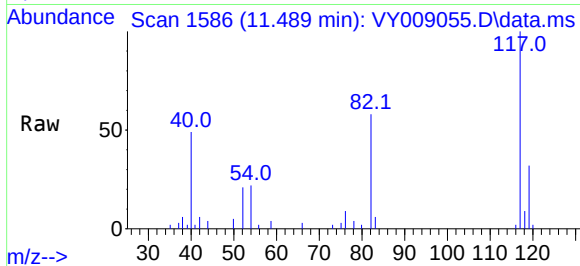




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

Instrument :
MSVOA_Y
ClientSampleId :
P-2

Tgt Ion:	117	Resp:	5433
Ion	Ratio	Lower	Upper
117	100		
82	57.8	43.0	64.4
119	31.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009055.D
Acq: 24 May 2022 12:37

Tgt Ion:	152	Resp:	1742
Ion	Ratio	Lower	Upper
152	100		
115	67.3	28.2	84.7
150	165.7	0.0	347.6

