

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008787.D
 Acq On : 17 May 2022 21:28
 Operator : KP/MD
 Sample : N2858-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-38

Quant Time: May 18 07:58:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1330	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	2195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1105	89.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.120%#
35) Dibromofluoromethane	7.722	113	867	67.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	135.200%
50) Toluene-d8	10.179	98	2373	42.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.320%
62) 4-Bromofluorobenzene	12.483	95	570	29.551	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.100%

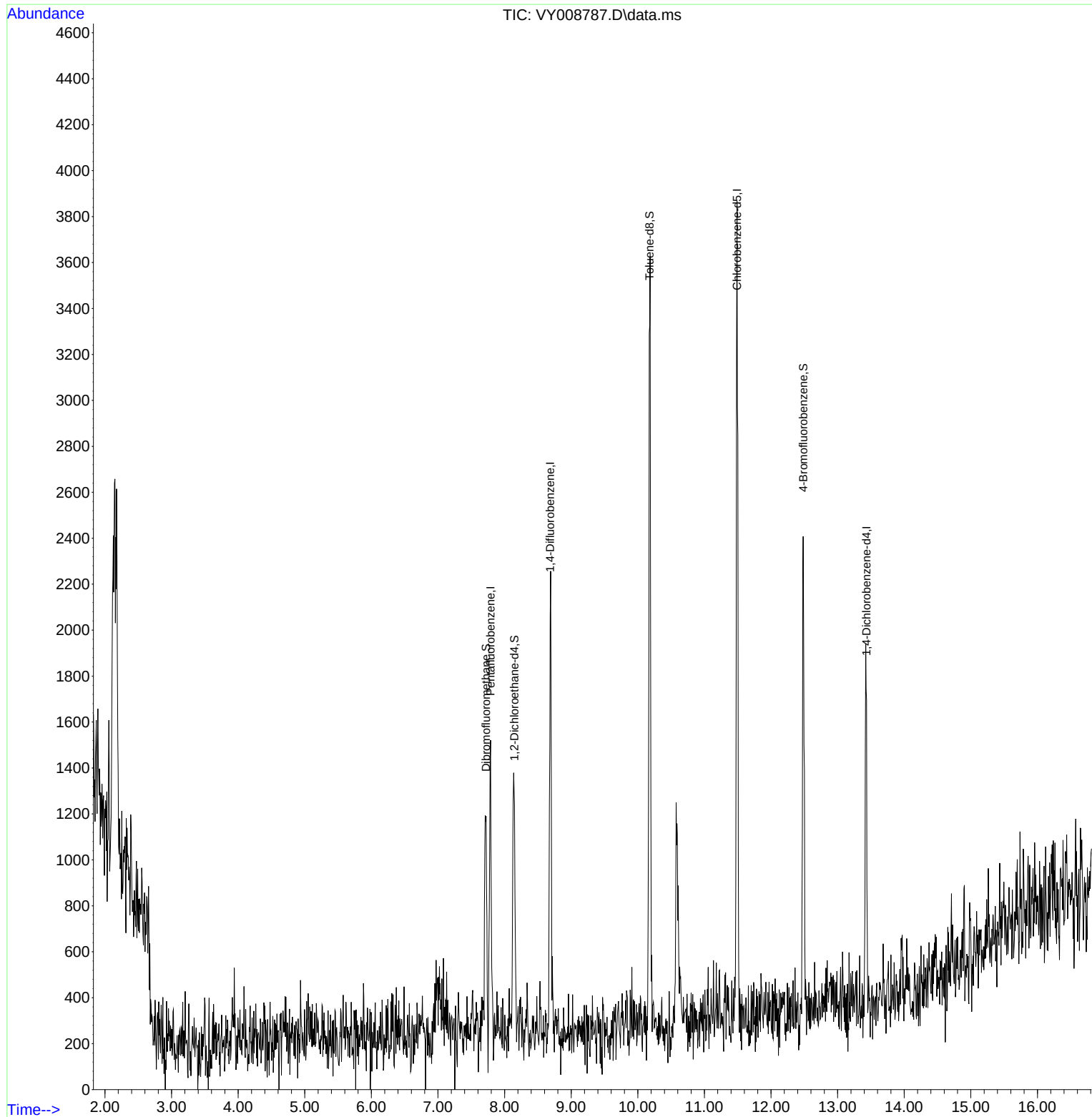
Target Compounds	Qvalue

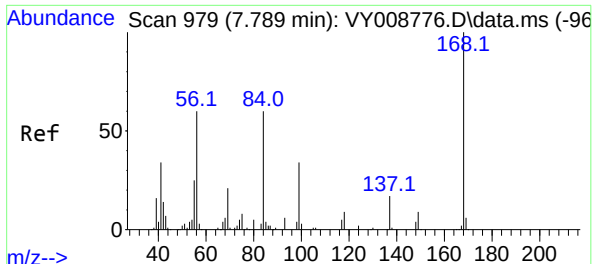
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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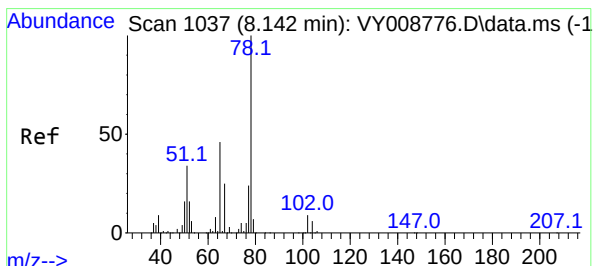
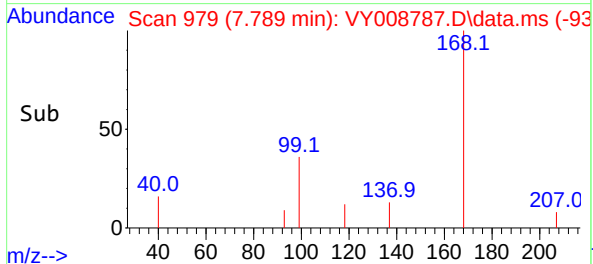
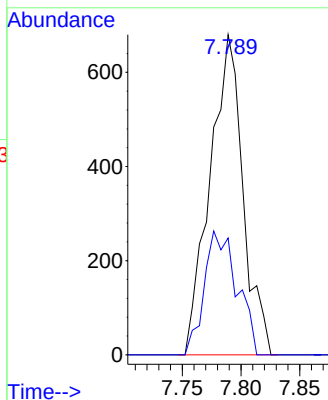
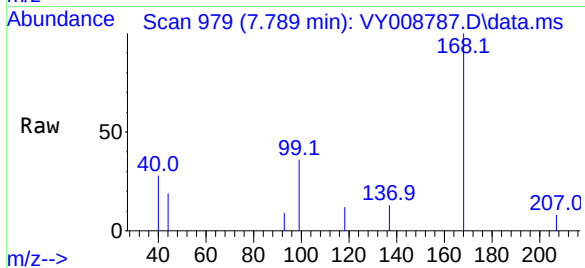




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

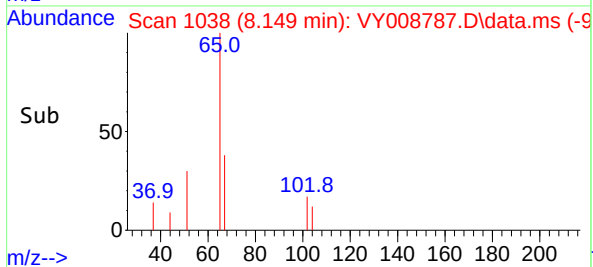
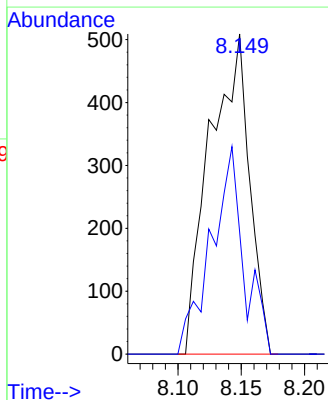
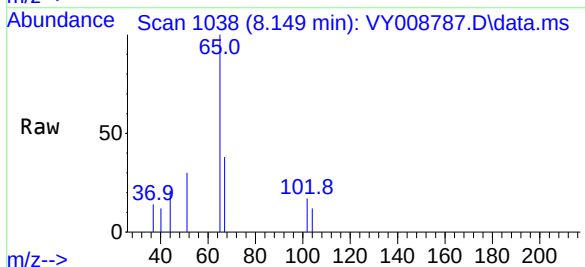
Instrument :
MSVOA_Y
ClientSampleId :
TP-38

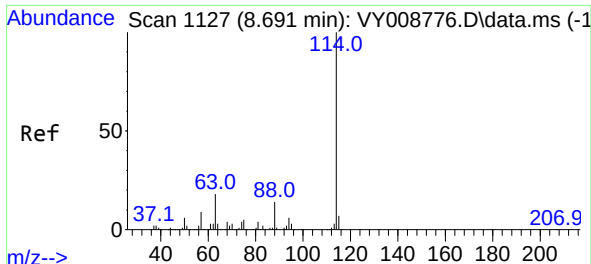
Tgt Ion:168 Resp: 1330
Ion Ratio Lower Upper
168 100
99 36.5 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 89.557 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Tgt Ion: 65 Resp: 1105
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008787.D

Acq: 17 May 2022 21:28

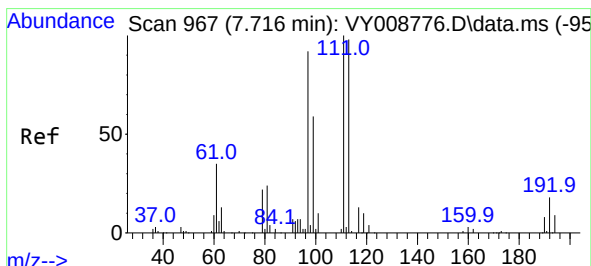
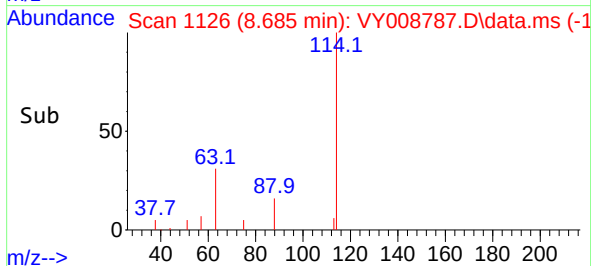
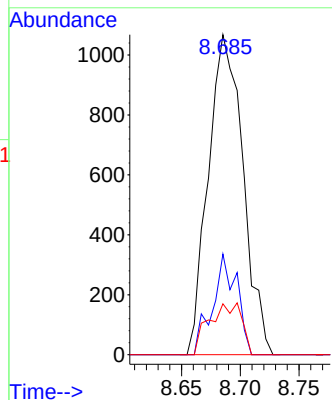
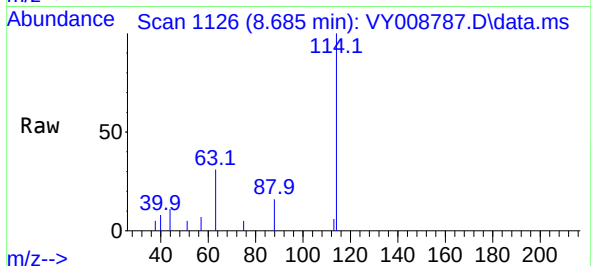
Instrument :

MSVOA_Y

ClientSampleId :

TP-38

Tgt Ion:114	Resp:	2195
Ion	Ratio	Lower Upper
114	100	
63	31.5	0.0 43.2
88	15.9	0.0 31.8



#35

Dibromofluoromethane

Concen: 67.603 ug/l

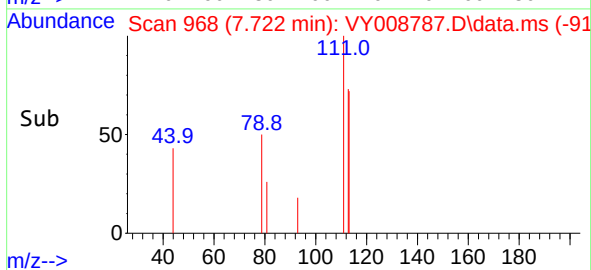
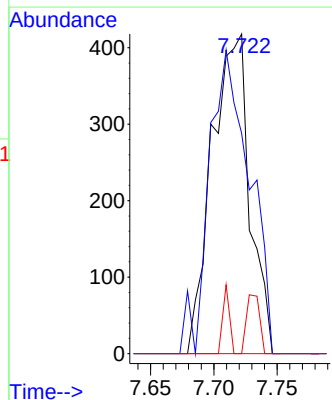
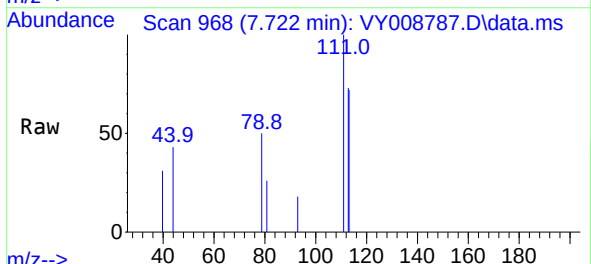
RT: 7.722 min Scan# 968

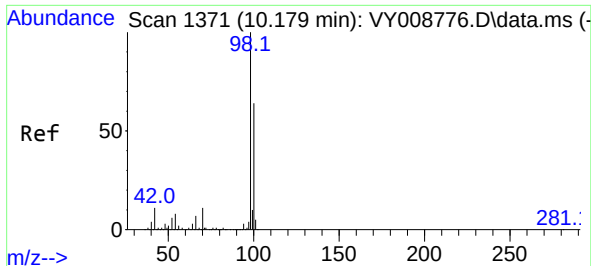
Delta R.T. 0.006 min

Lab File: VY008787.D

Acq: 17 May 2022 21:28

Tgt Ion:113	Resp:	867
Ion	Ratio	Lower Upper
113	100	
111	0.0	82.6 124.0#
192	6.5	17.6 26.4#

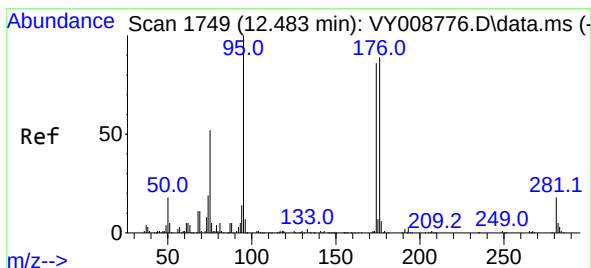
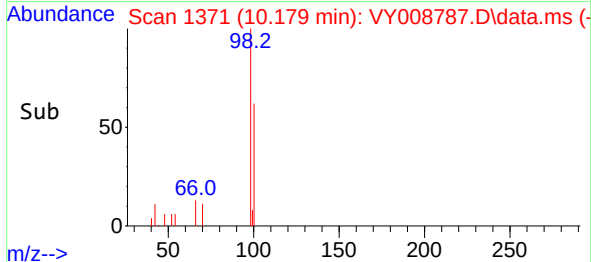
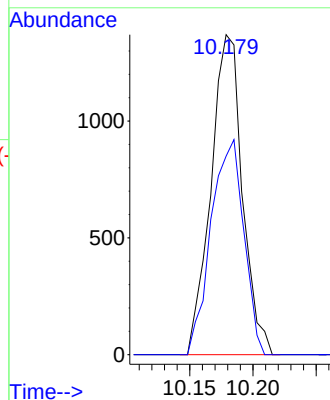
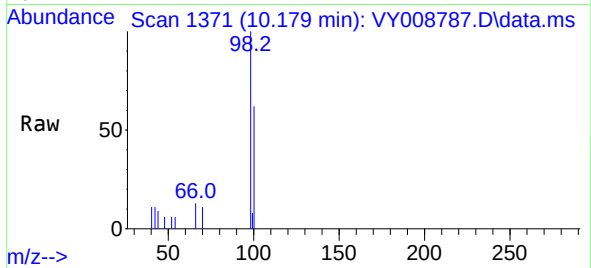




#50
Toluene-d8
Concen: 42.158 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

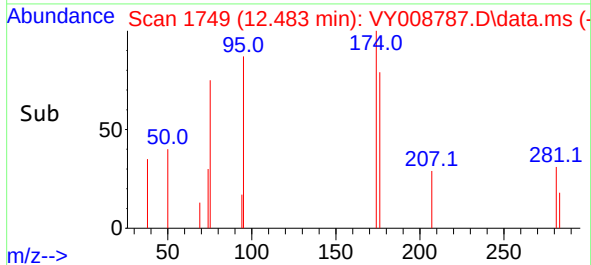
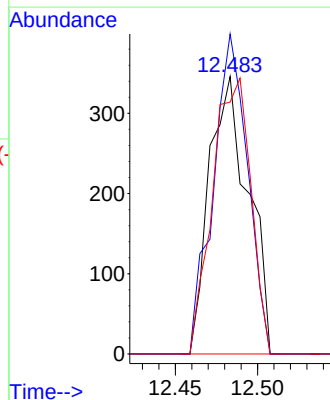
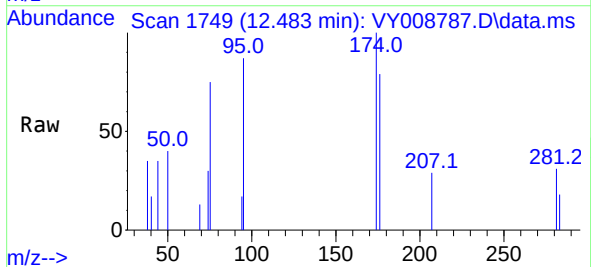
Instrument :
MSVOA_Y
ClientSampleId :
TP-38

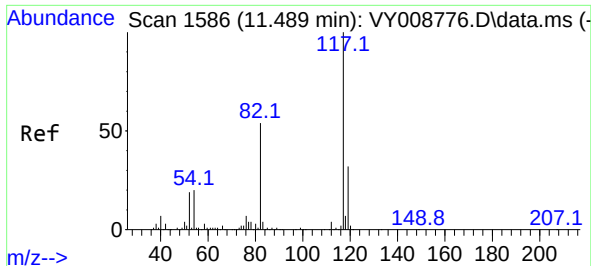
Tgt Ion: 98 Resp: 2373
Ion Ratio Lower Upper
98 100
100 69.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.551 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Tgt Ion: 95 Resp: 570
Ion Ratio Lower Upper
95 100
174 101.6 0.0 177.0
176 97.5 0.0 175.8

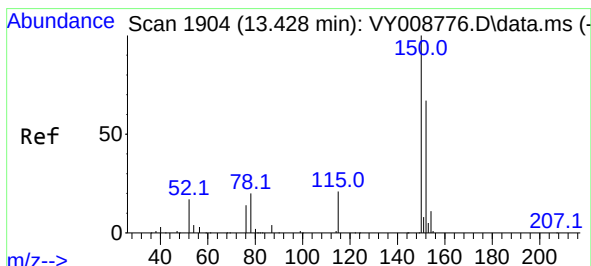
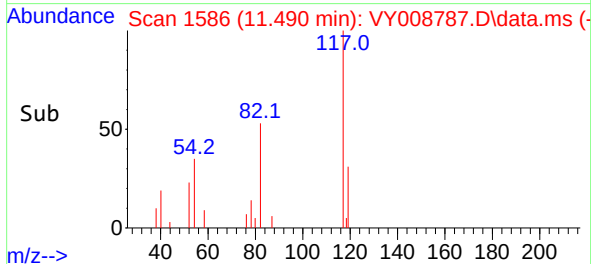
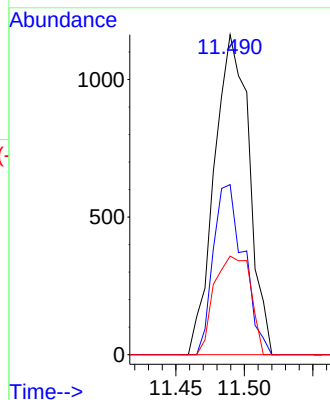
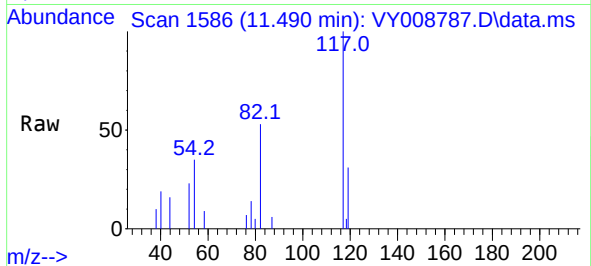




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Instrument :
MSVOA_Y
ClientSampleId :
TP-38

Tgt Ion:	117	Resp:	2057
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	30.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Tgt Ion:	152	Resp:	612
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	131.5	0.0	347.6

