

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008490.D
 Acq On : 25 Apr 2022 18:24
 Operator : KP/MD
 Sample : N2548-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Apr 26 01:58:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	55395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	98356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	32060	49.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.380%
35) Dibromofluoromethane	7.716	113	32447	51.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.179	98	121669	48.179	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.483	95	40898	47.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.700%

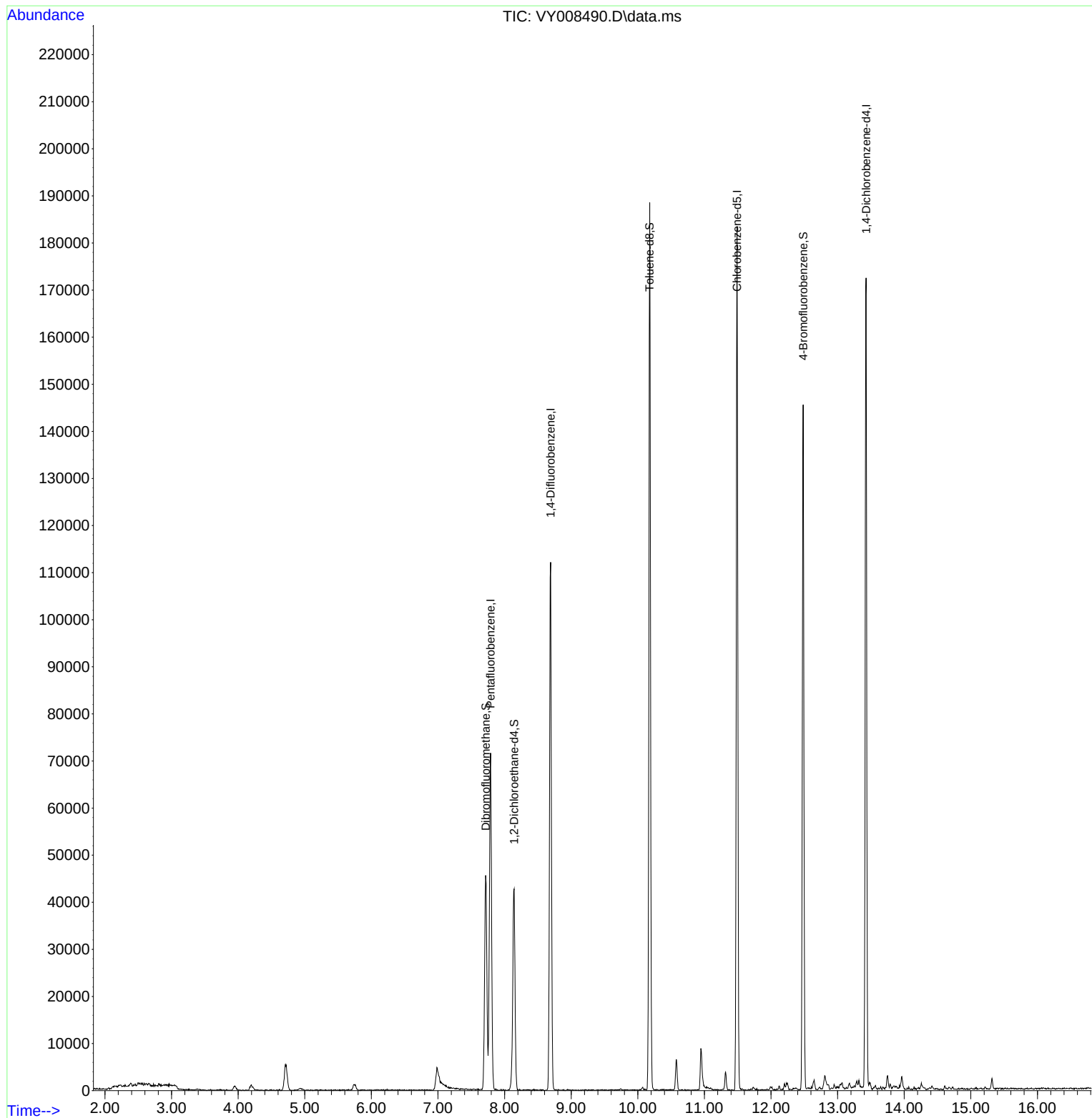
Target Compounds	Qvalue

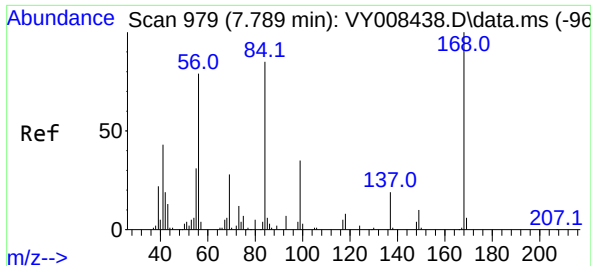
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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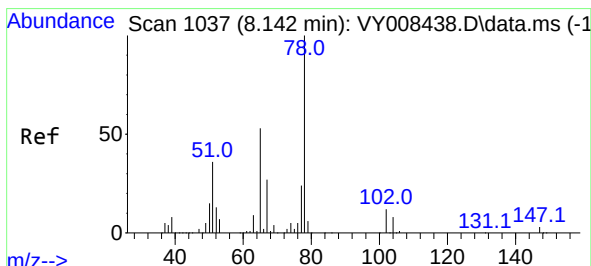
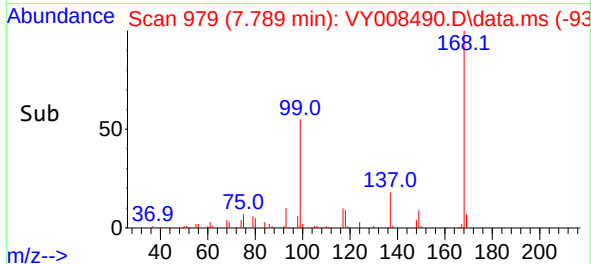
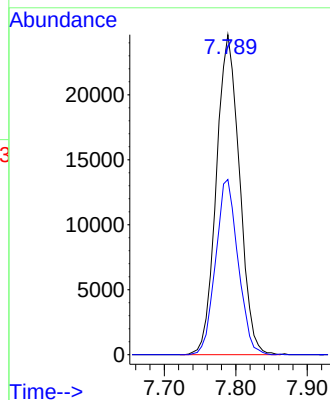
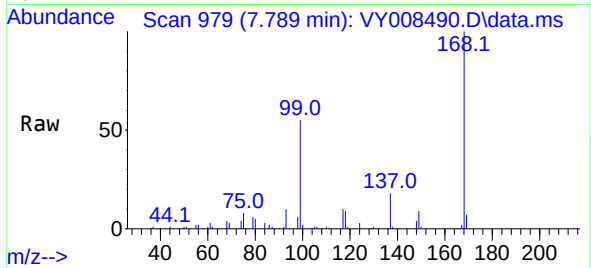




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

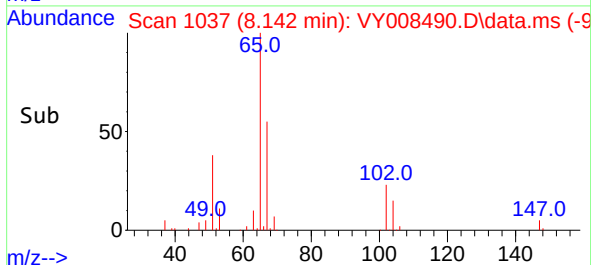
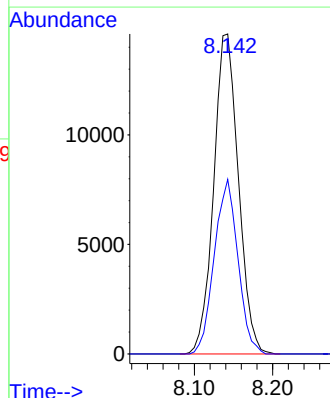
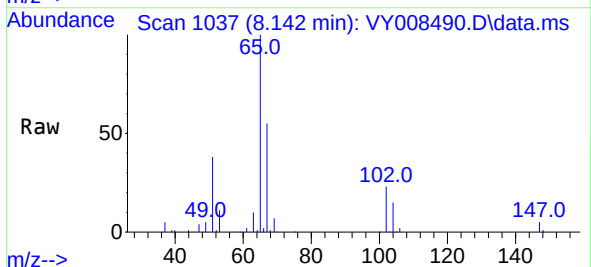
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

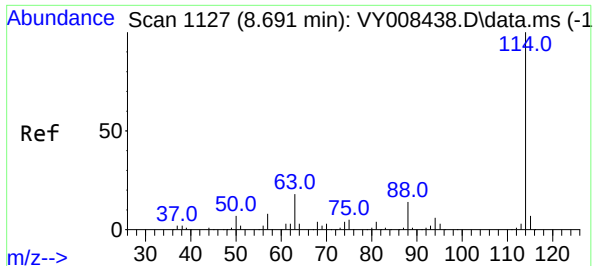
Tgt Ion:168 Resp: 55395
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.188 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

Tgt Ion: 65 Resp: 32060
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008490.D

Acq: 25 Apr 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-9

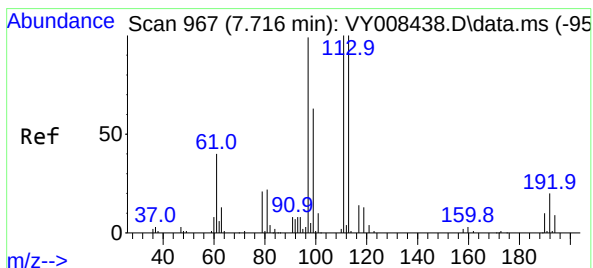
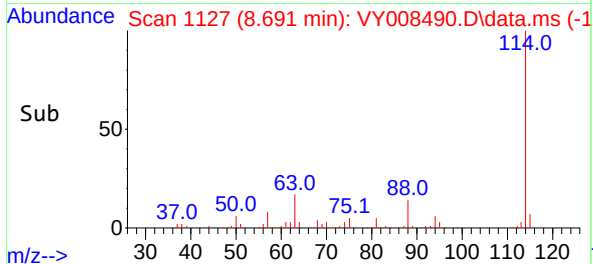
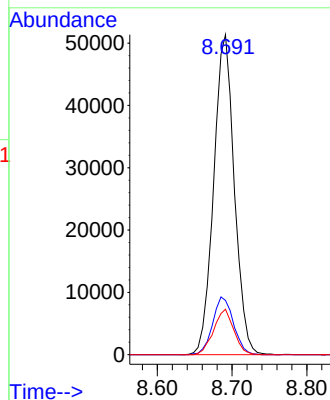
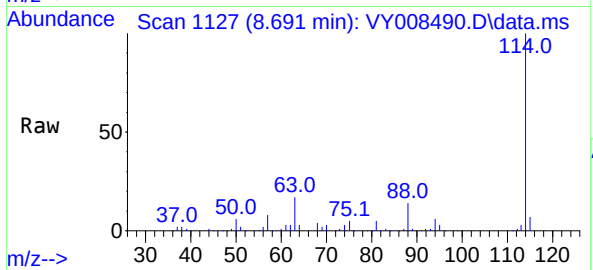
Tgt Ion:114 Resp: 98356

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.116 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008490.D

Acq: 25 Apr 2022 18:24

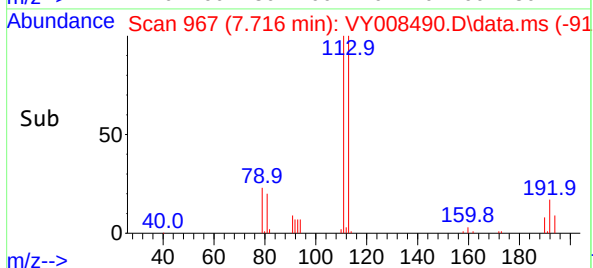
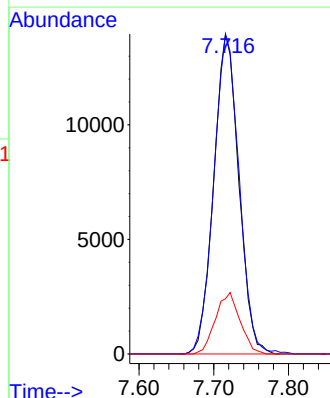
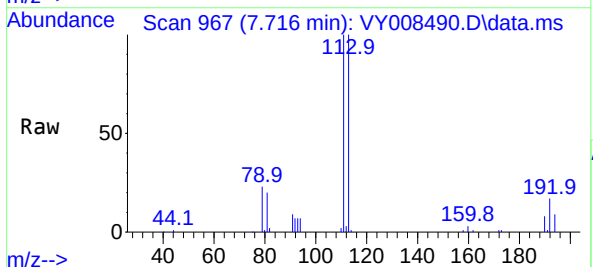
Tgt Ion:113 Resp: 32447

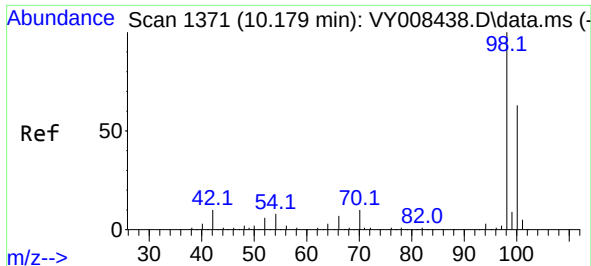
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.9 17.6 26.4

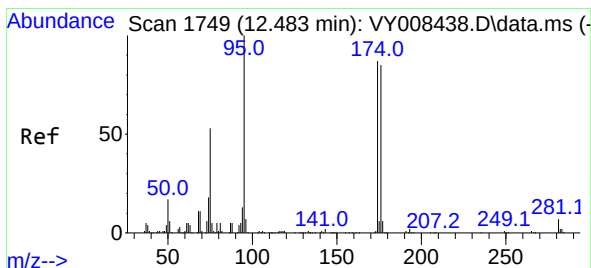
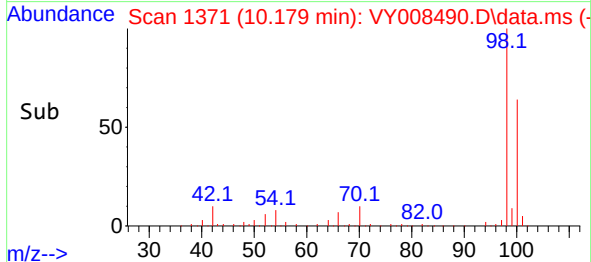
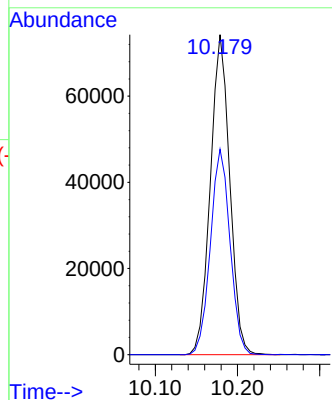
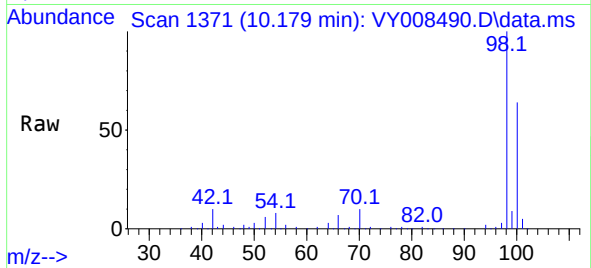




#50
Toluene-d8
Concen: 48.179 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

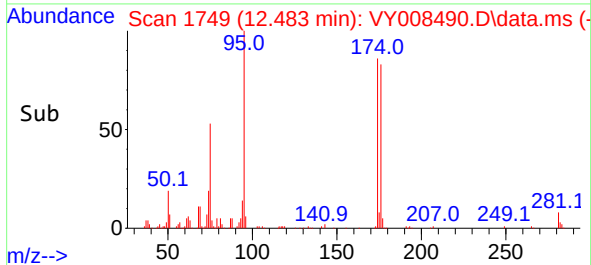
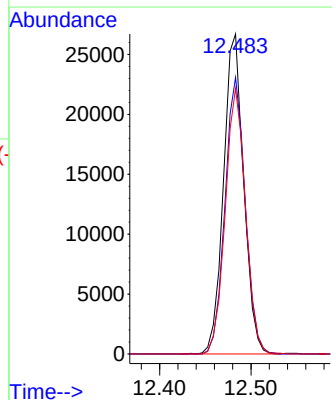
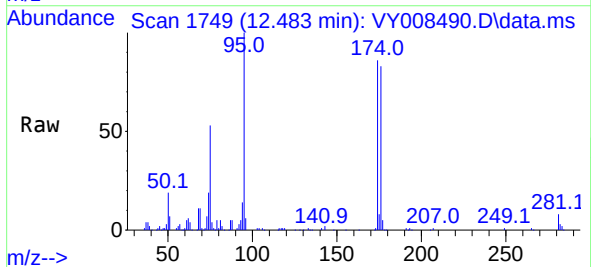
Instrument :
MSVOA_Y
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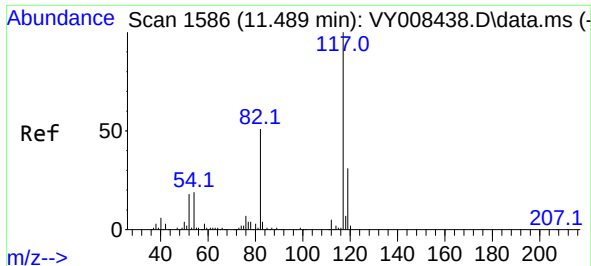
Tgt Ion: 98 Resp: 121669
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.848 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

Tgt Ion: 95 Resp: 40898
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 83.8 0.0 175.8

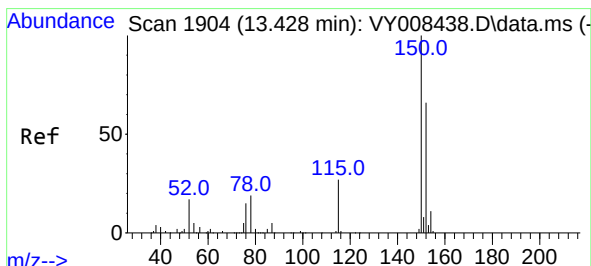
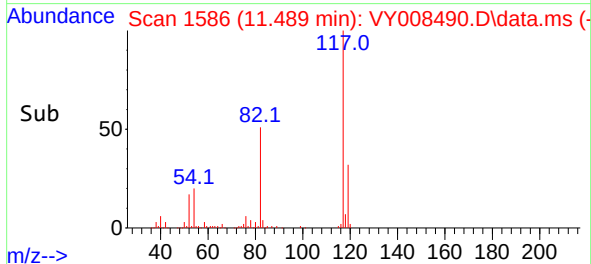
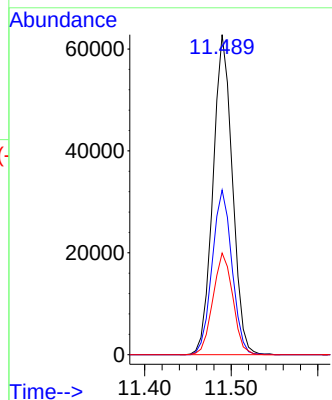
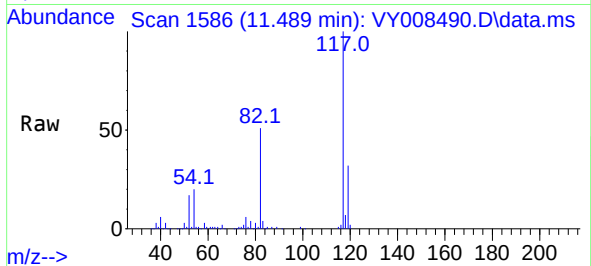




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

Tgt Ion:117 Resp: 97625
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

Tgt Ion:152 Resp: 44639
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.7 0.0 347.6

