

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008498.D
 Acq On : 26 Apr 2022 12:56
 Operator : KP/MD
 Sample : N2548-10
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11

Quant Time: Apr 27 01:21:24 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	42386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	75130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	72855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	23825	47.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.540%
35) Dibromofluoromethane	7.716	113	24197	49.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.179	98	92346	47.886	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.483	95	29405	45.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.080%

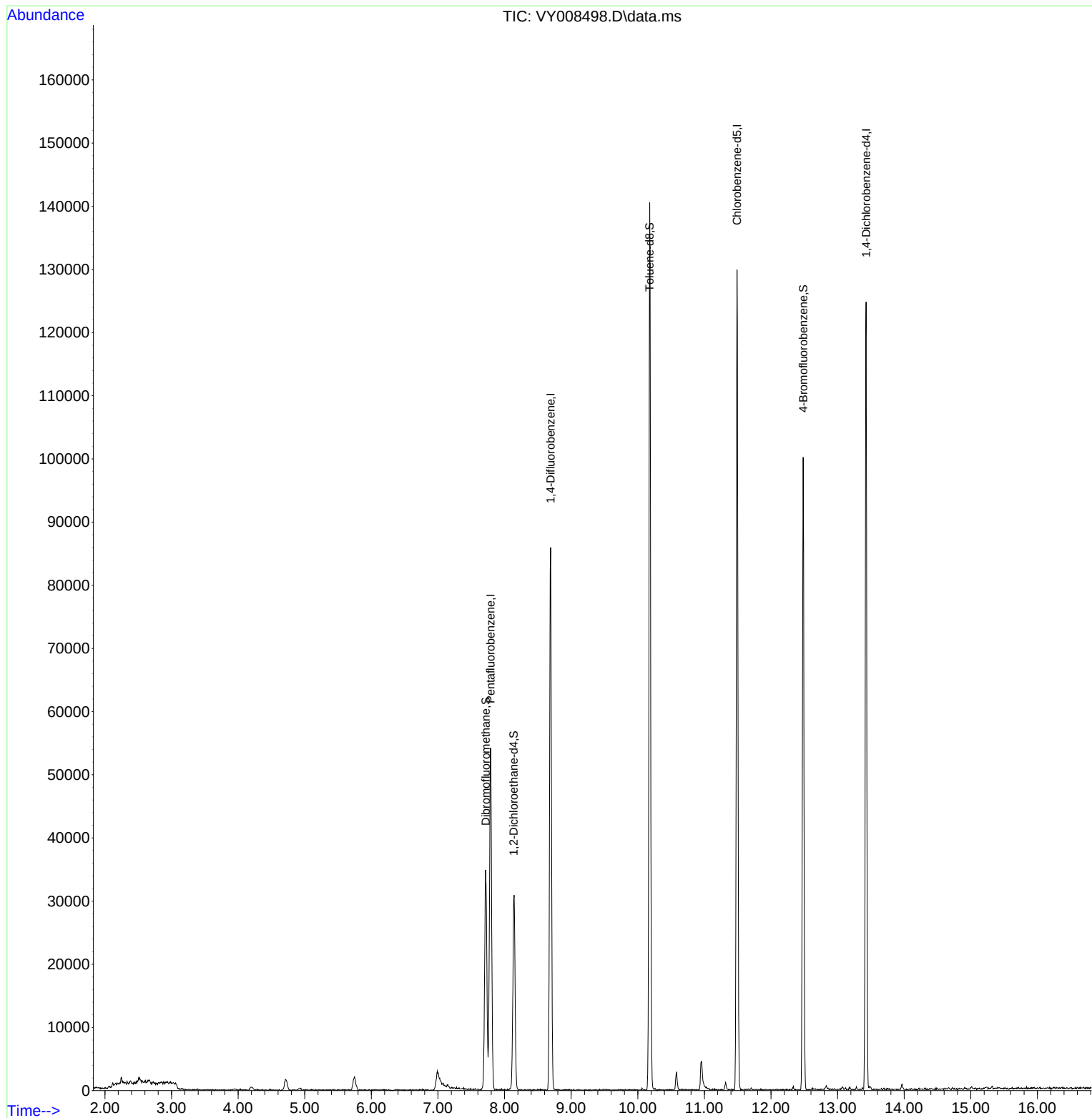
Target Compounds	Qvalue

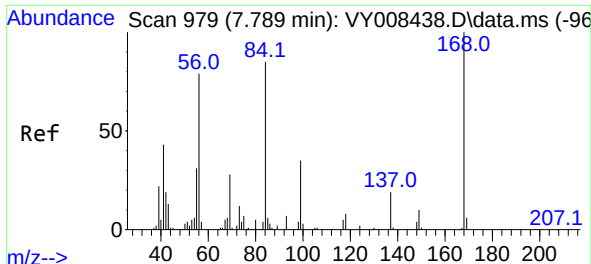
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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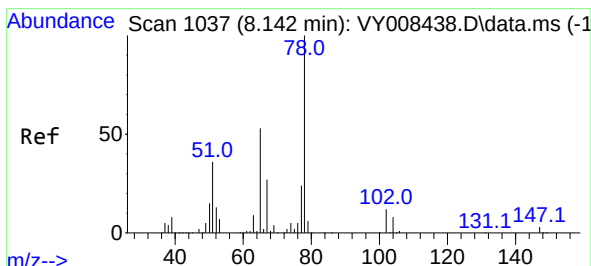
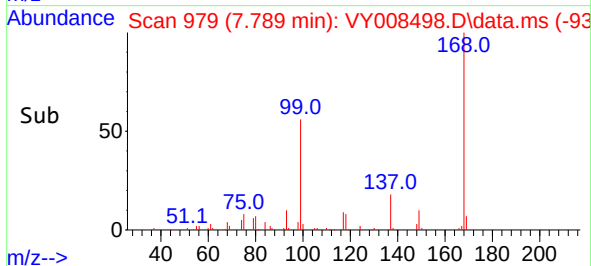
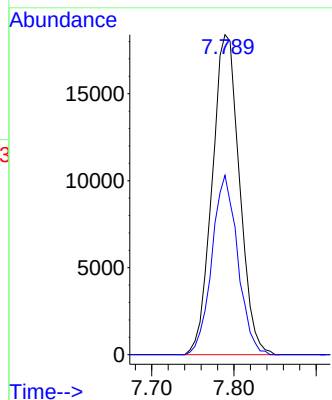
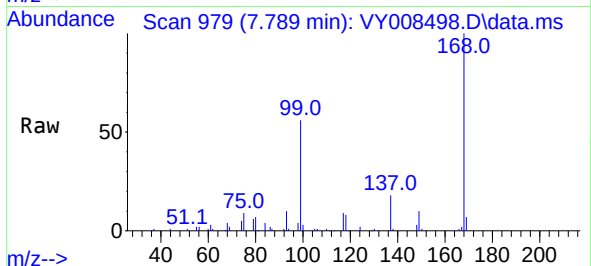




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

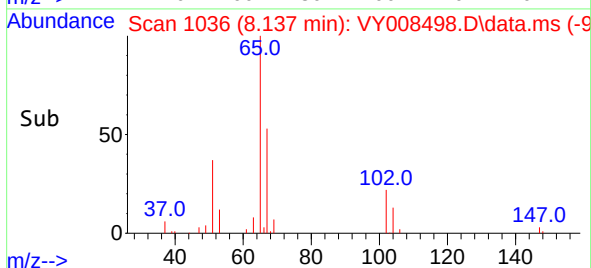
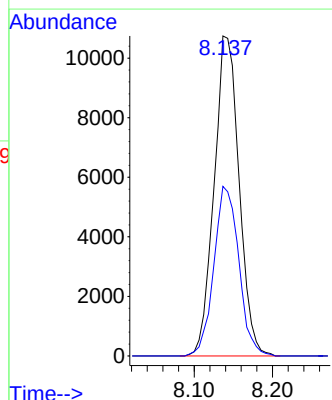
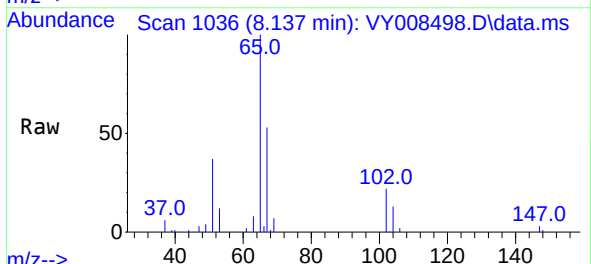
Instrument :
MSVOA_Y
ClientSampleId :
TP-11

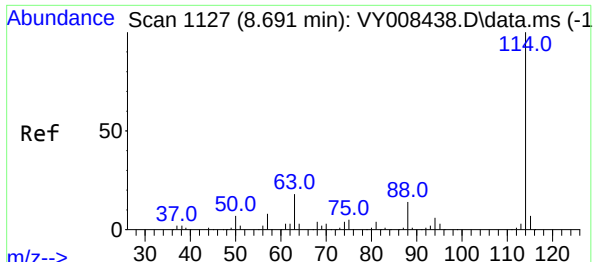
Tgt Ion:168 Resp: 42386
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.772 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

Tgt Ion: 65 Resp: 23825
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

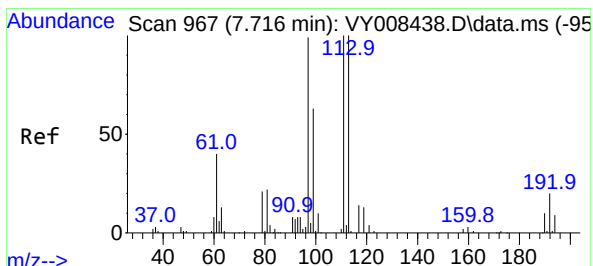
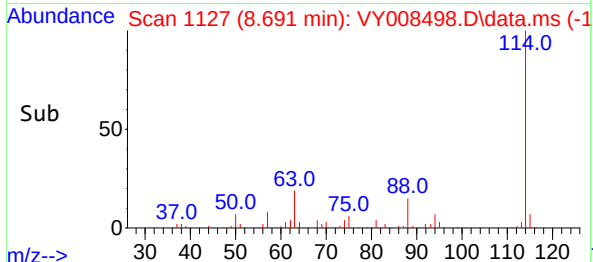
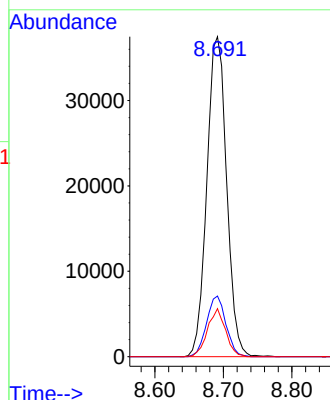
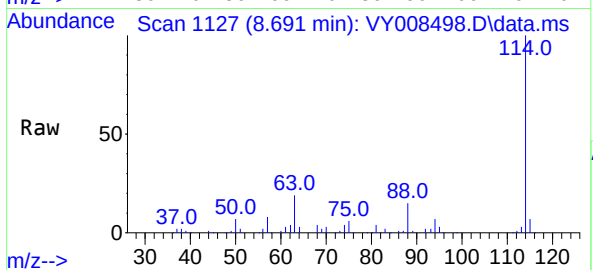




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

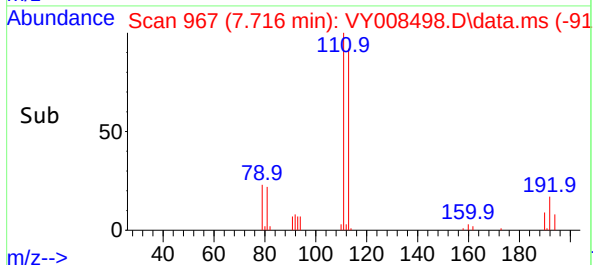
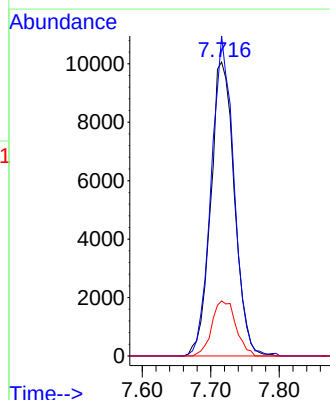
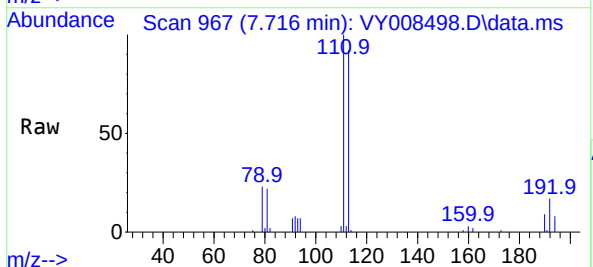
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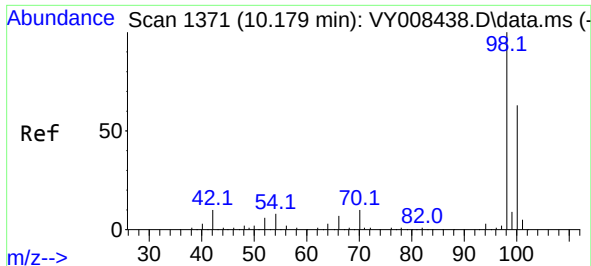
Tgt Ion:114 Resp: 75130
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.904 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

Tgt Ion:113 Resp: 24197
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 18.9 17.6 26.4

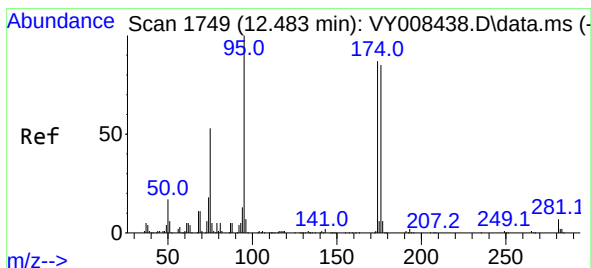
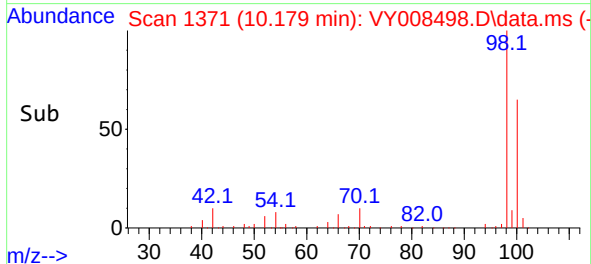
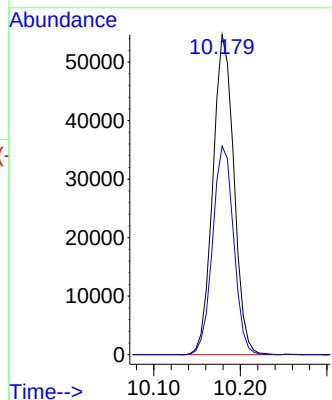
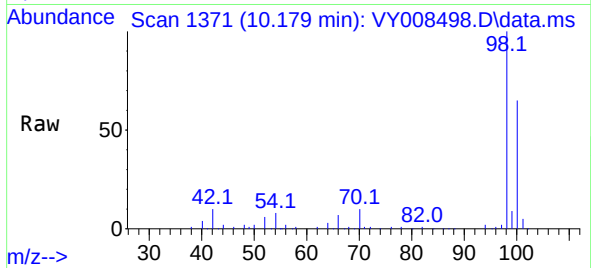




#50
Toluene-d8
Concen: 47.886 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

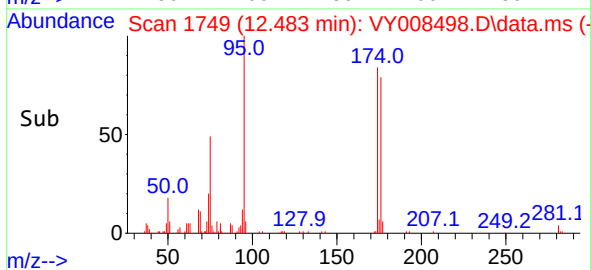
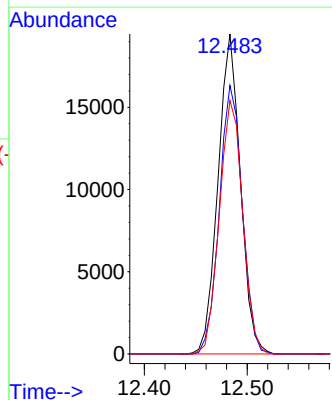
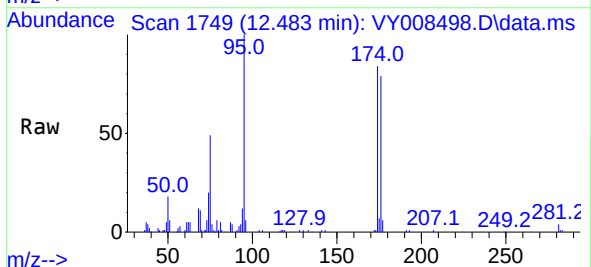
Instrument :
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ClientSampleId :
TP-11

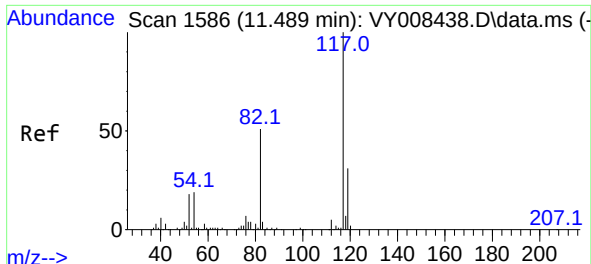
Tgt Ion: 98 Resp: 92346
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.037 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

Tgt Ion: 95 Resp: 29405
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 82.5 0.0 175.8

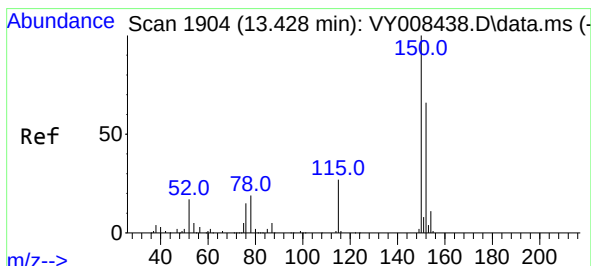
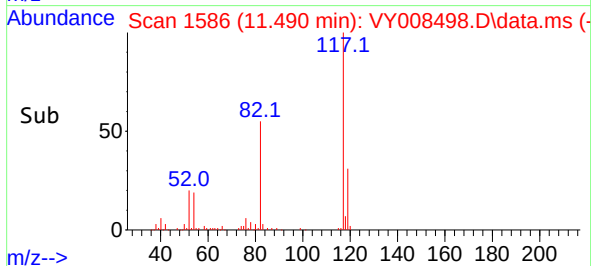
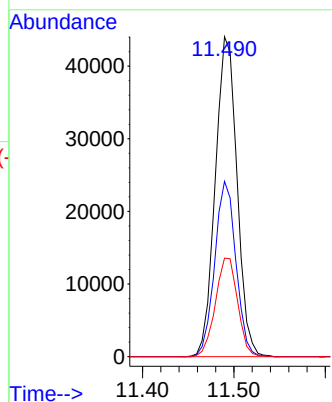
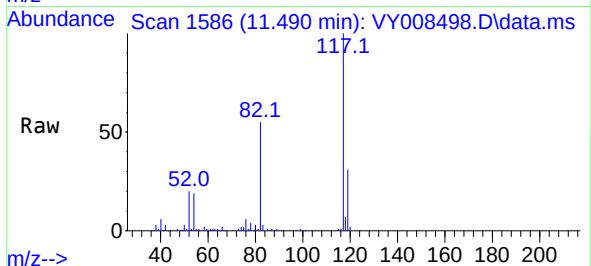




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

Instrument :
MSVOA_Y
ClientSampleId :
TP-11

Tgt Ion:	117	Resp:	72855
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.0	64.4
119	30.8	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: VY008498.D
Acq: 26 Apr 2022 12:56

Tgt Ion:	152	Resp:	30957
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	157.7	0.0	347.6

