

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008898.D
 Acq On : 20 May 2022 04:12
 Operator : KP/MD
 Sample : N2868-08
 Misc : 2.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS004-0006-01

Quant Time: May 20 04:30:26 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	115261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84664	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73994	69.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.400%
35) Dibromofluoromethane	7.715	113	66492	54.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.320%
50) Toluene-d8	10.178	98	259733	48.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.483	95	75528	39.895	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.800%

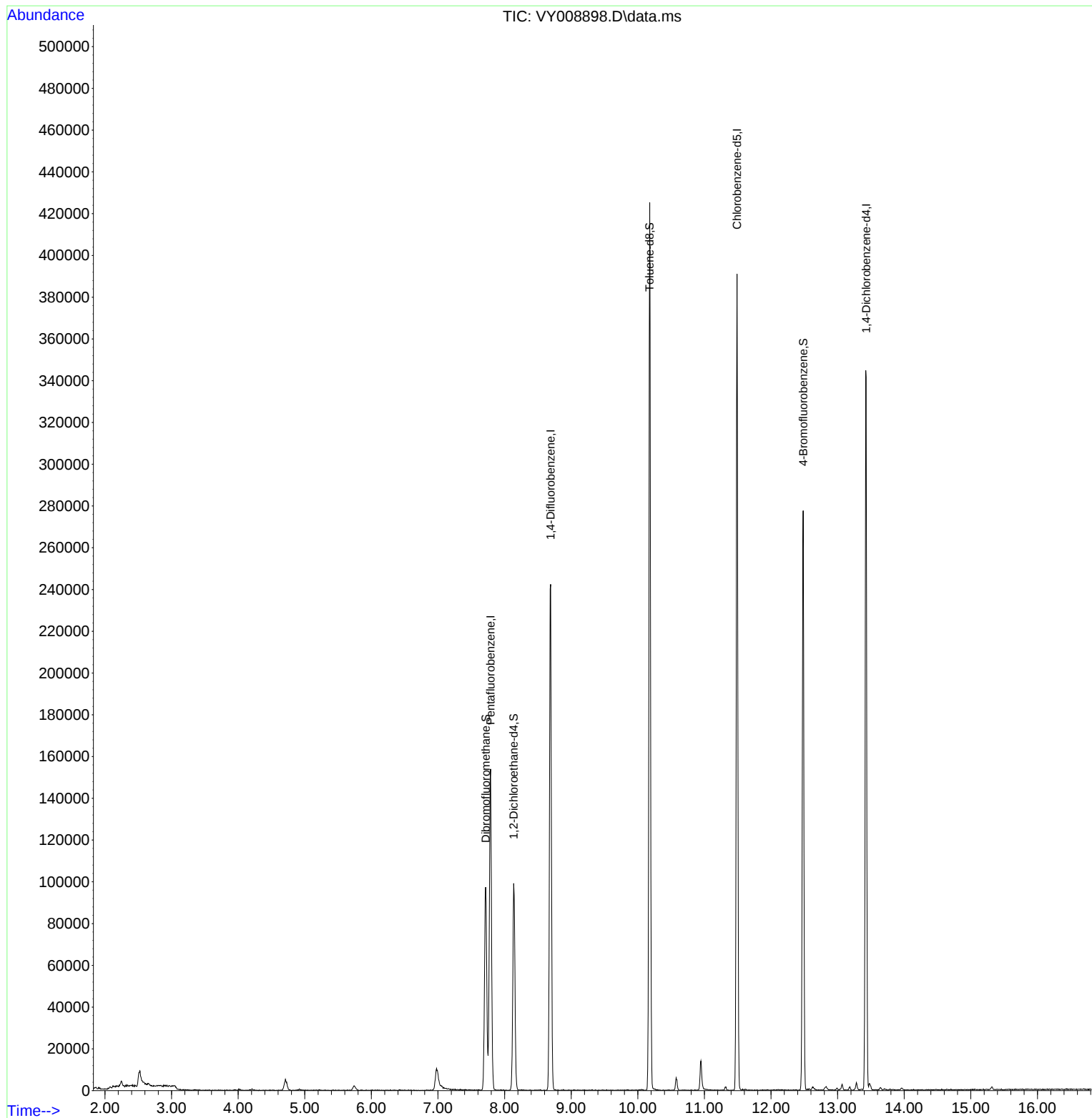
Target Compounds	Qvalue

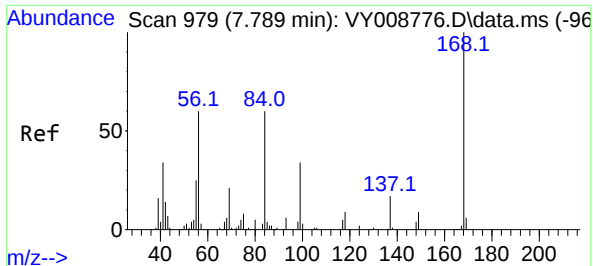
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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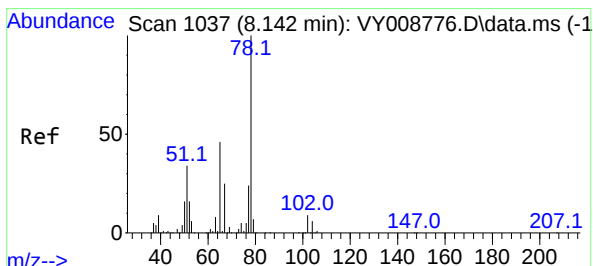
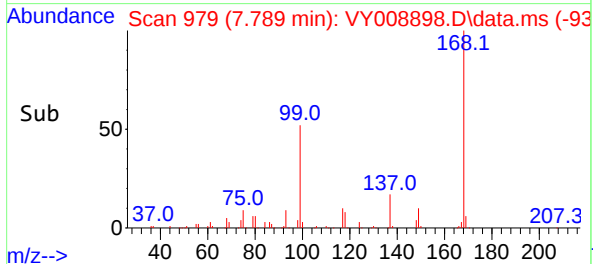
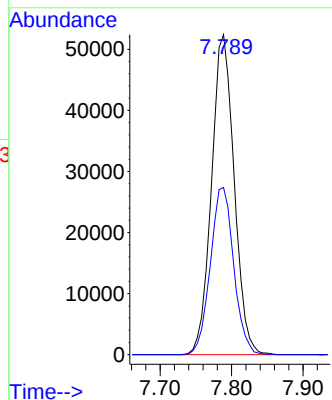
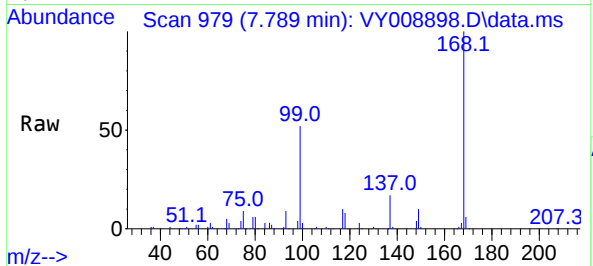




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008898.D
Acq: 20 May 2022 04:12

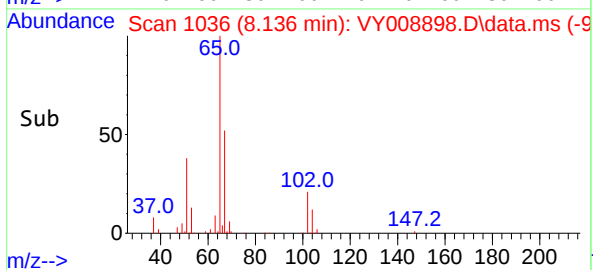
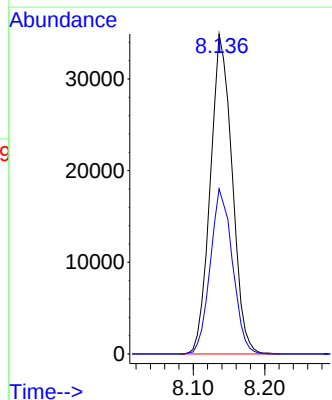
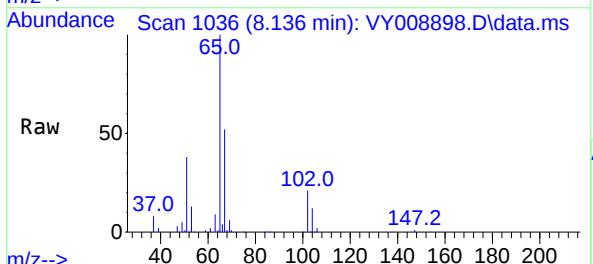
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS004-0006-01

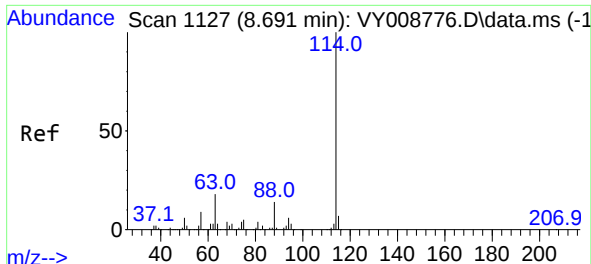
Tgt Ion:168 Resp: 115261
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.200 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008898.D
Acq: 20 May 2022 04:12

Tgt Ion: 65 Resp: 73994
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

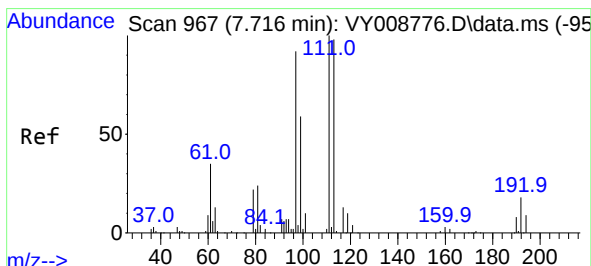
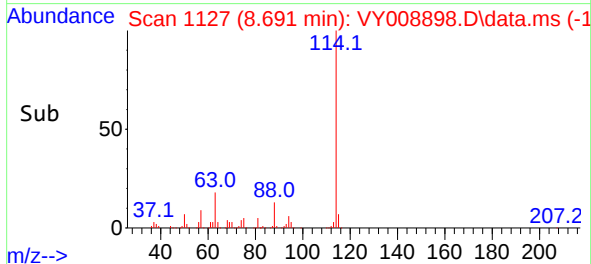
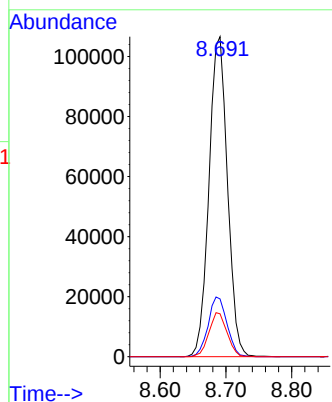
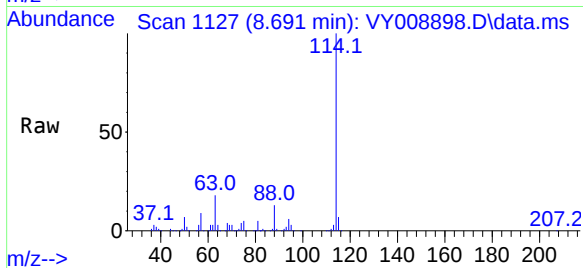




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008898.D
Acq: 20 May 2022 04:12

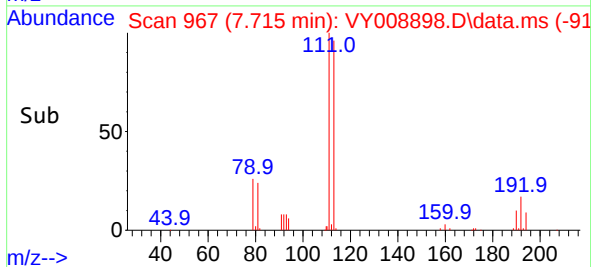
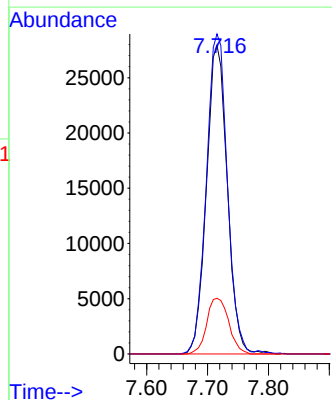
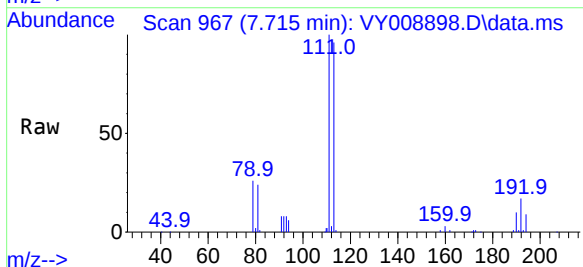
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ClientSampleId :
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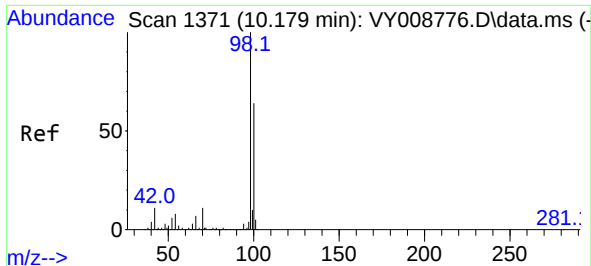
Tgt Ion:	114	Resp:	208217
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	43.2
88	13.4	0.0	31.8



#35
Dibromofluoromethane
Concen: 54.655 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008898.D
Acq: 20 May 2022 04:12

Tgt Ion:	113	Resp:	66492
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	19.0	17.6	26.4

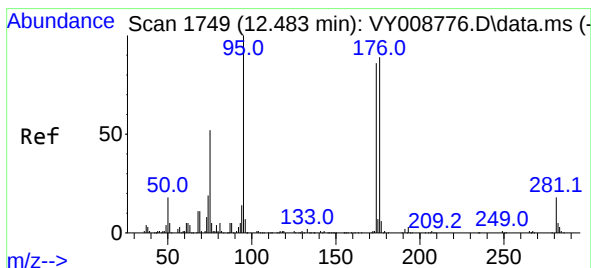
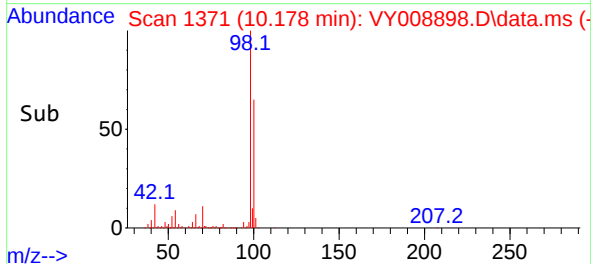
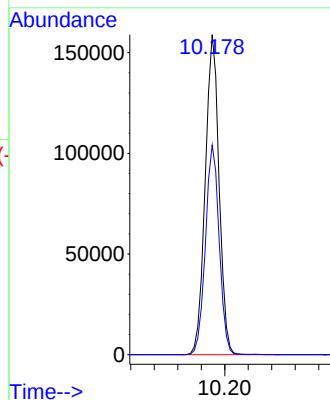
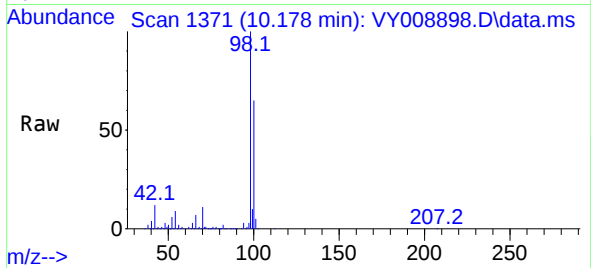




#50
Toluene-d8
Concen: 48.156 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008898.D
Acq: 20 May 2022 04:12

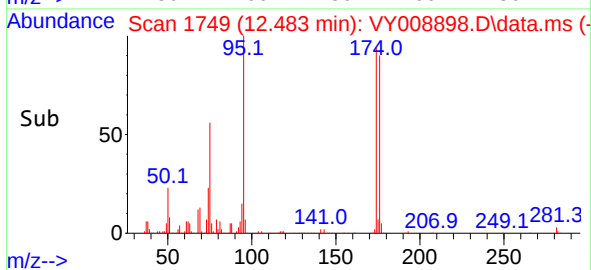
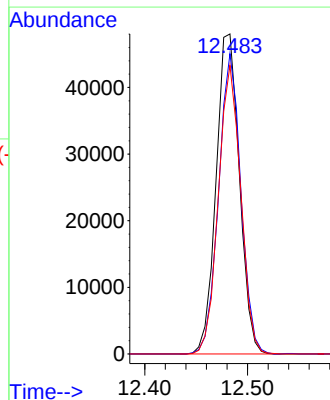
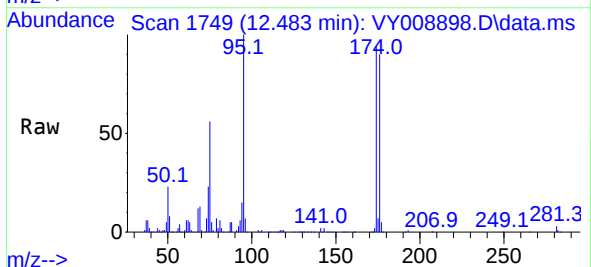
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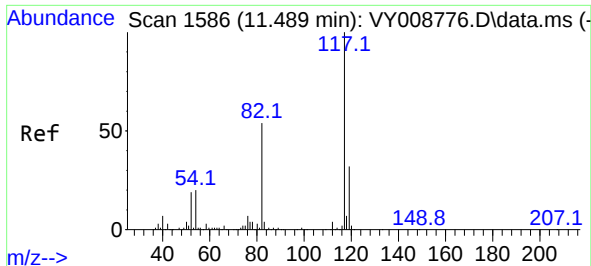
Tgt Ion: 98 Resp: 259733
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.895 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008898.D
Acq: 20 May 2022 04:12

Tgt Ion: 95 Resp: 75528
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 86.4 0.0 175.8

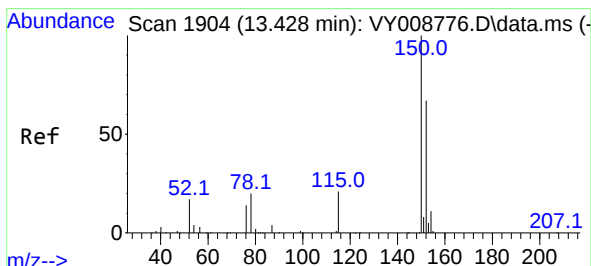
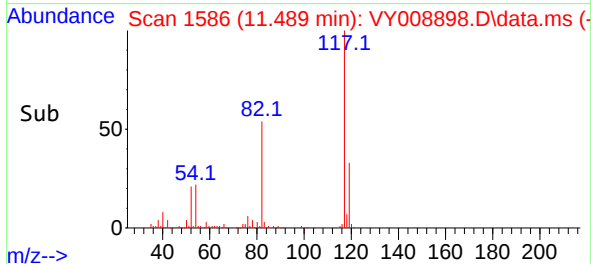
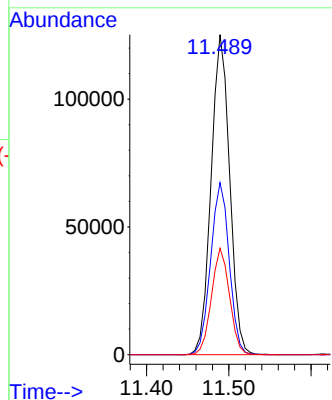
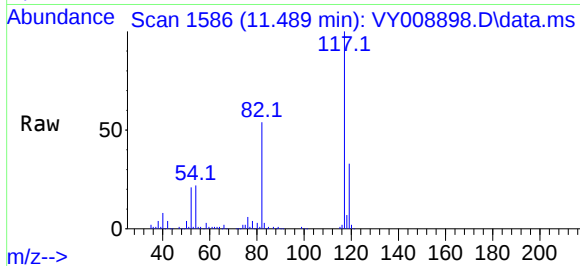




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008898.D
Acq: 20 May 2022 04:12

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS004-0006-01

Tgt Ion:	117	Resp:	196181
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	33.3	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: VY008898.D
Acq: 20 May 2022 04:12

Tgt Ion:	152	Resp:	84664
Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	158.4	0.0	347.6

