

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005942.D
 Acq On : 07 Sep 2021 14:29
 Operator : SY/MD
 Sample : M3624-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-090121

Quant Time: Sep 07 14:57:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	13694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	20154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	18879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6398	46.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.720%
35) Dibromofluoromethane	7.728	113	5792	51.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.340%
50) Toluene-d8	10.185	98	23362	49.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.483	95	7207	45.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.360%

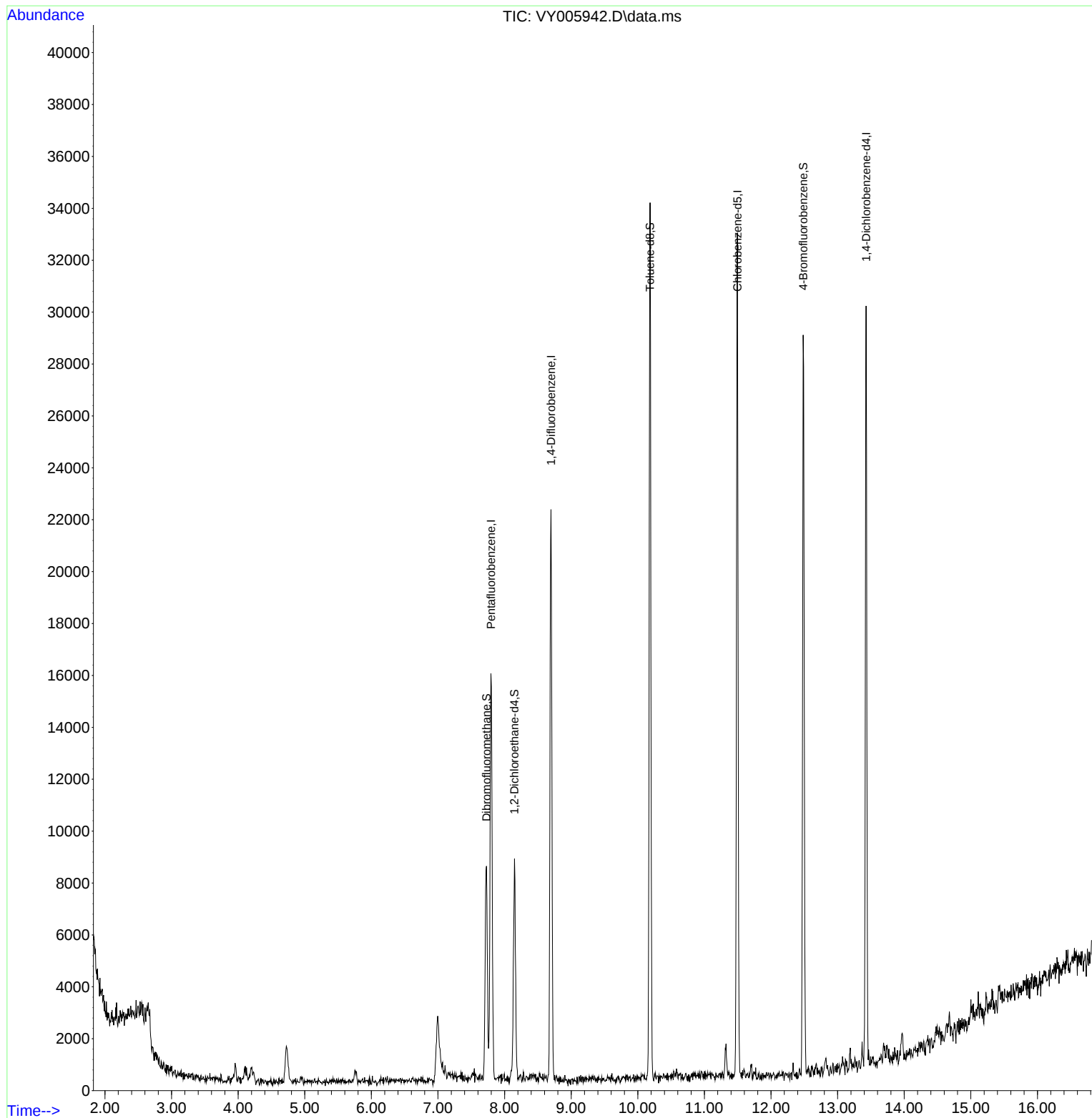
Target Compounds	Qvalue

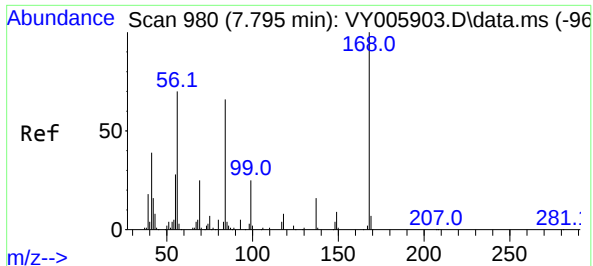
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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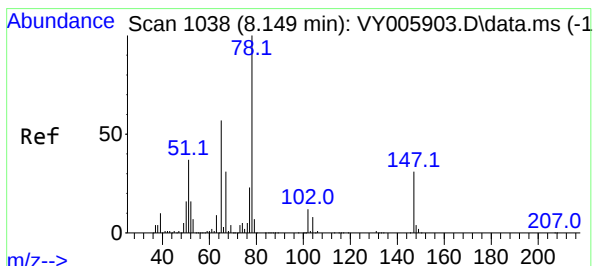
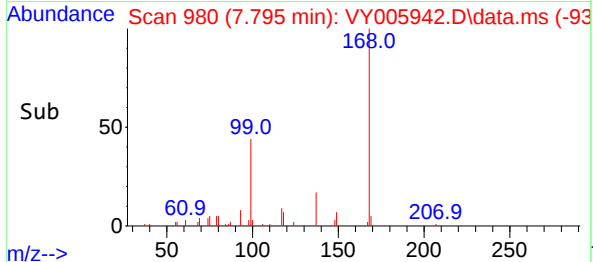
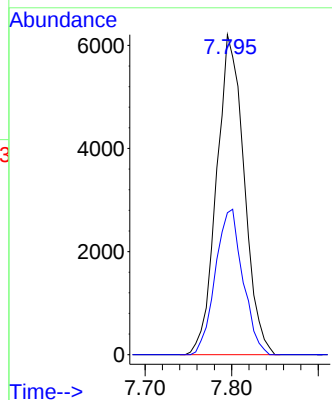
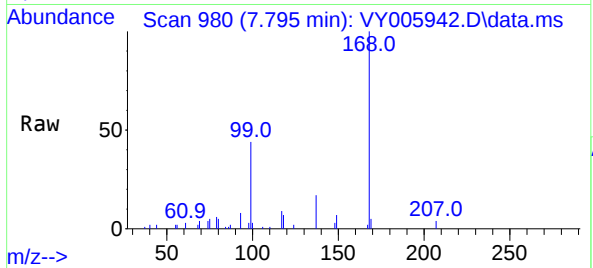




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

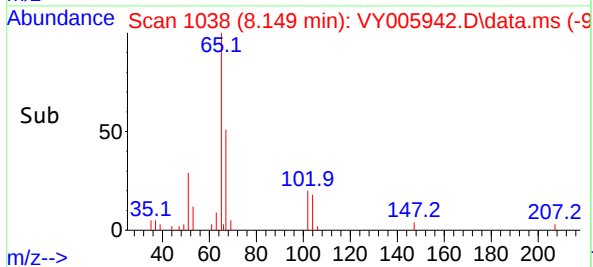
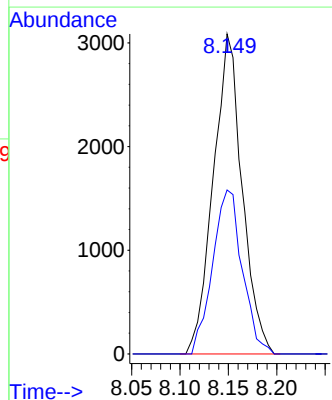
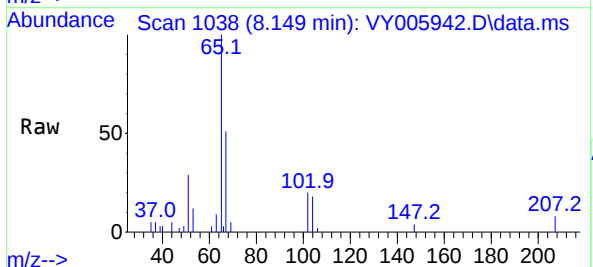
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-090121

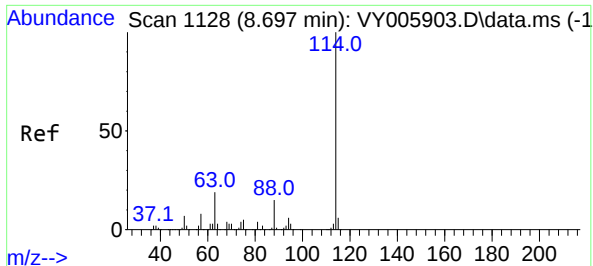
Tgt Ion:168 Resp: 13694
Ion Ratio Lower Upper
168 100
99 44.3 40.6 60.8



#33
1,2-Dichloroethane-d4
Concen: 46.363 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion: 65 Resp: 6398
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

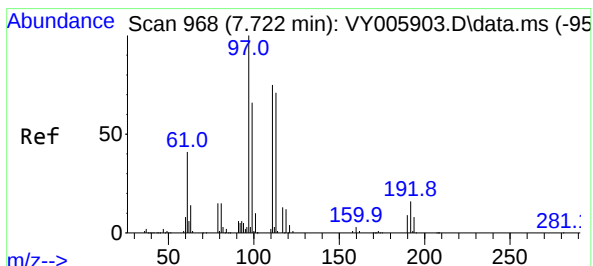
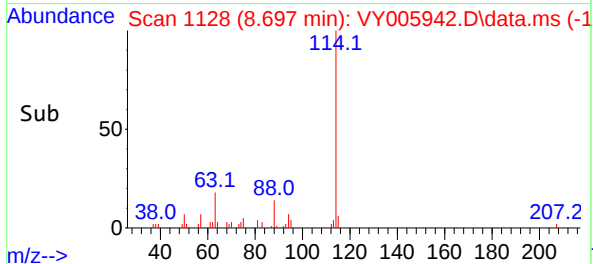
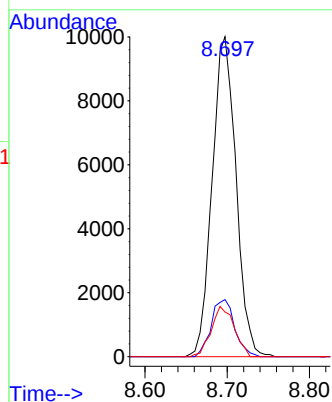
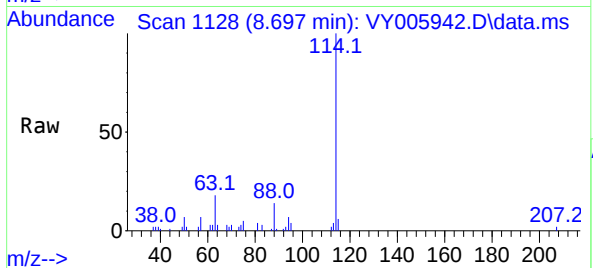




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

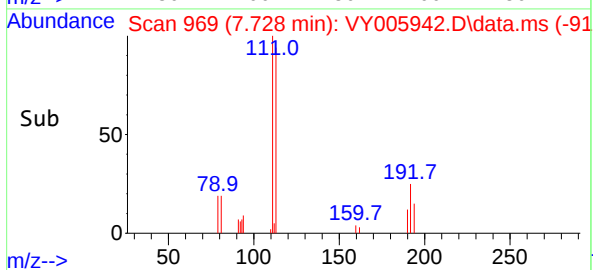
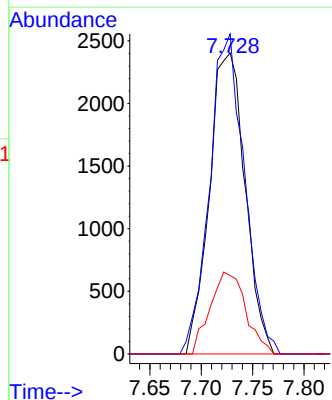
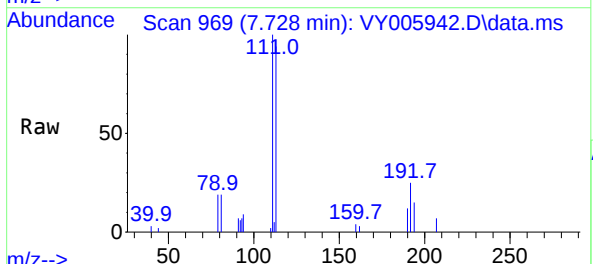
Instrument :
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ClientSampleId :
HD-01-090121

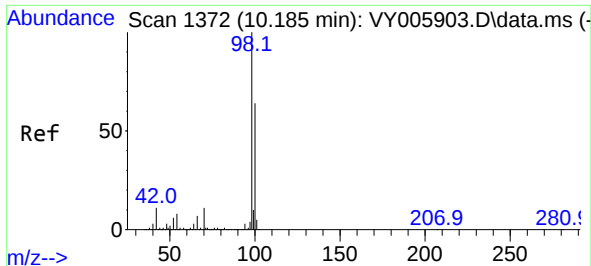
Tgt Ion:	114	Resp:	20154
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	38.4
88	14.0	0.0	30.0



#35
Dibromofluoromethane
Concen: 51.173 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion:	113	Resp:	5792
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	27.2	19.4	29.0

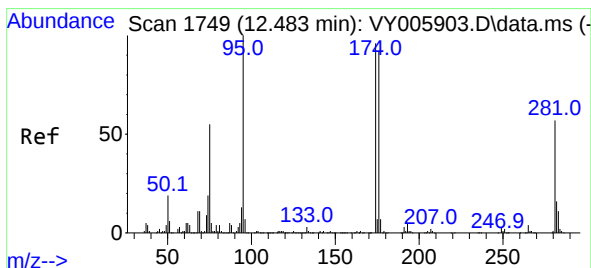
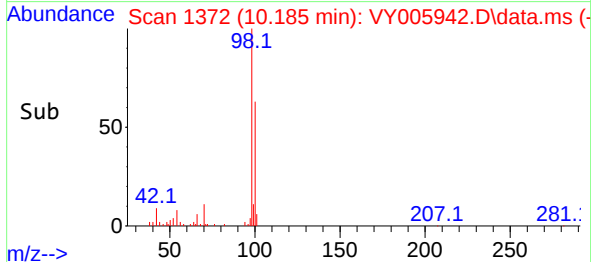
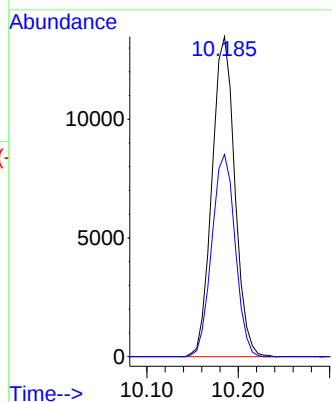
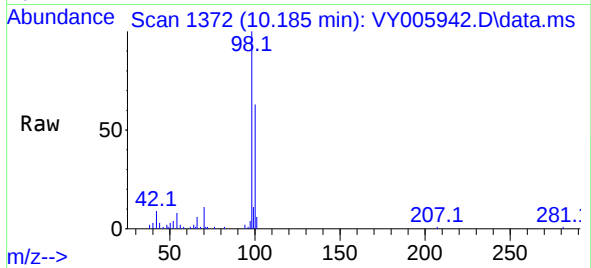




#50
Toluene-d8
Concen: 49.181 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

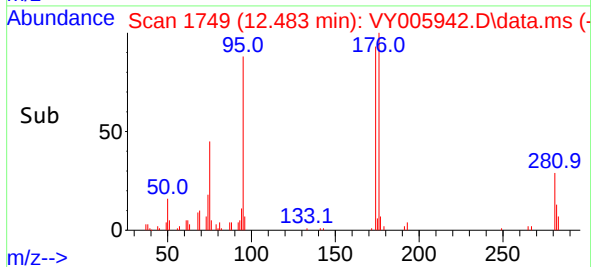
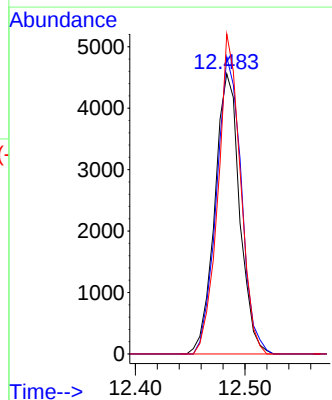
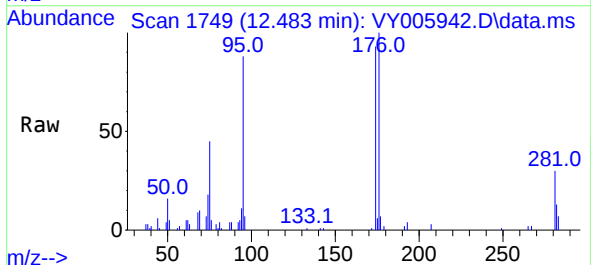
Instrument :
MSVOA_Y
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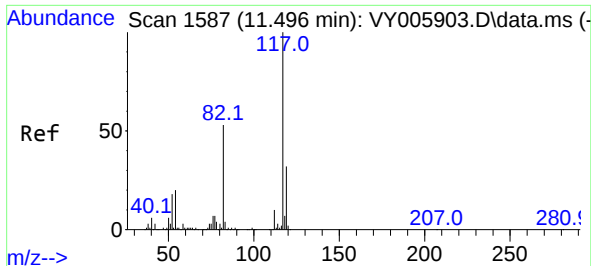
Tgt Ion: 98 Resp: 23362
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion: 95 Resp: 7207
Ion Ratio Lower Upper
95 100
174 105.4 0.0 192.4
176 102.6 0.0 186.8

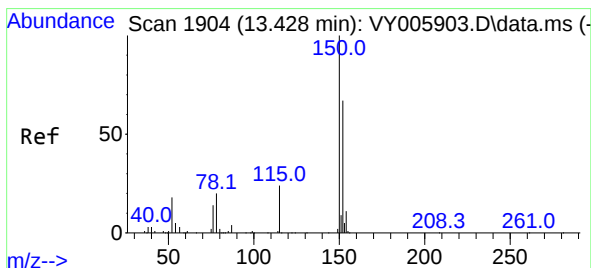
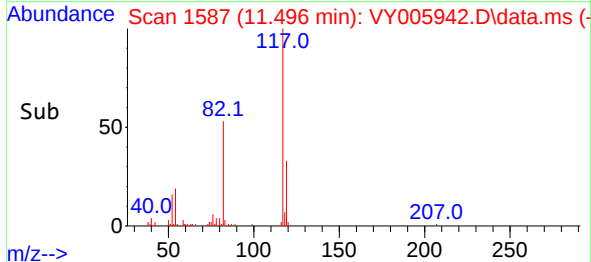
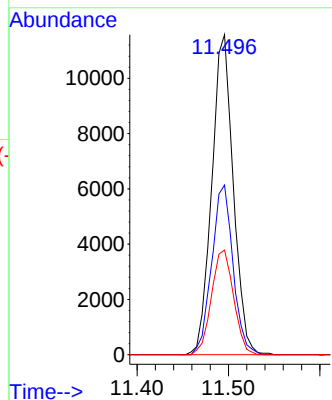
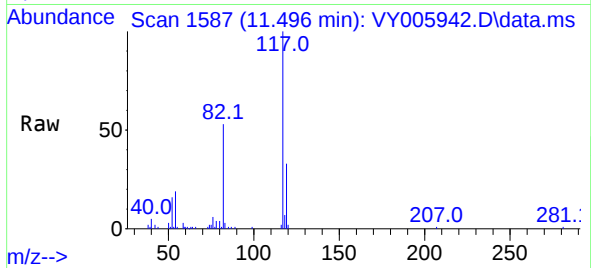




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-090121

Tgt Ion:	117	Resp:	18879
Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	32.7	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: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion:	152	Resp:	8127
Ion	Ratio	Lower	Upper
152	100		
115	52.1	26.8	80.4
150	159.9	0.0	345.6

