

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005947.D
 Acq On : 07 Sep 2021 16:25
 Operator : SY/MD
 Sample : M3658-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24029

Quant Time: Sep 08 02:14:14 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	7.801	168	153987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	264139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	281585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86728	55.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.728	113	81727	55.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.180%
50) Toluene-d8	10.185	98	332420	53.396	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.800%
62) 4-Bromofluorobenzene	12.483	95	122400	58.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.100%

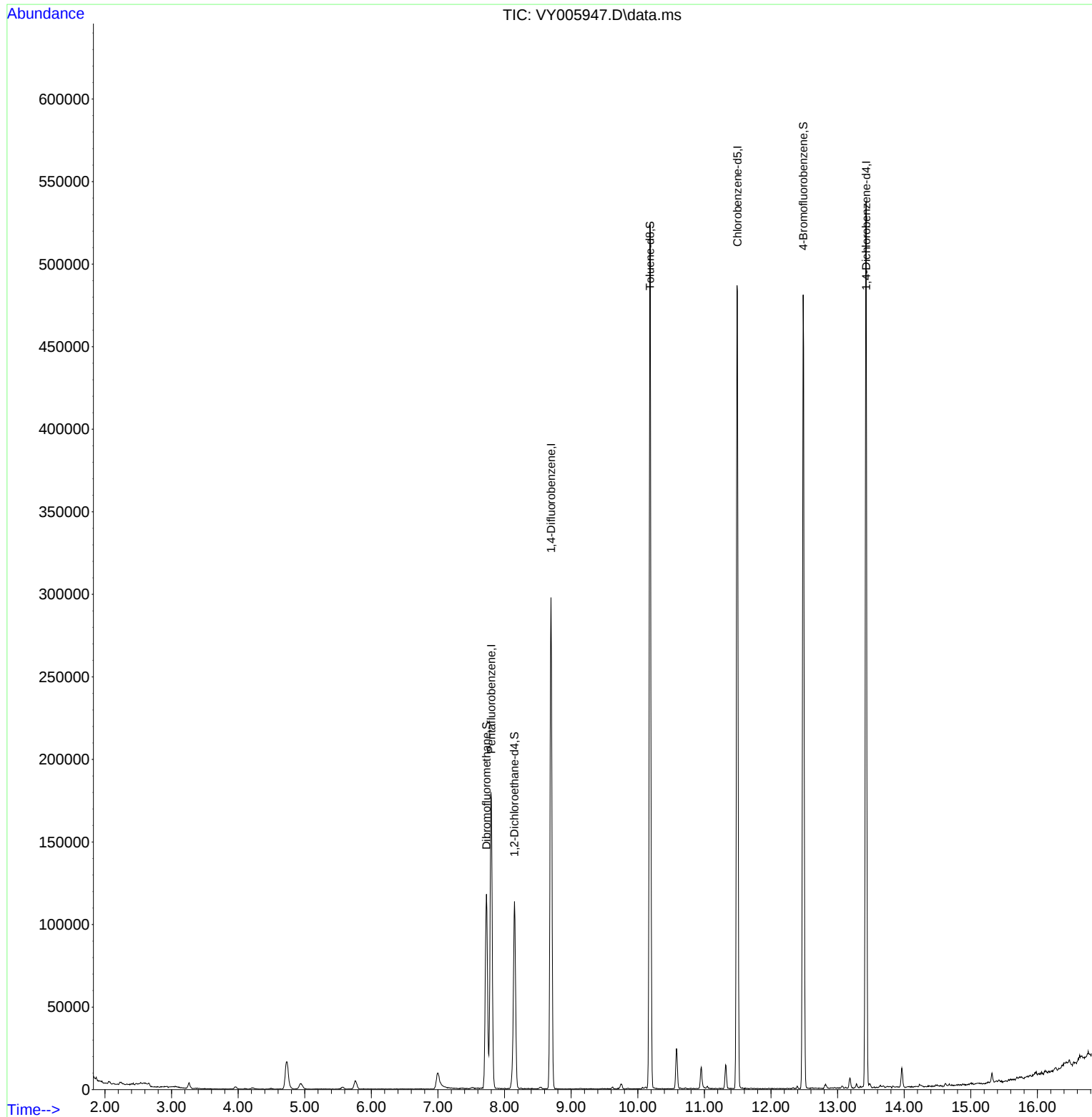
Target Compounds	Qvalue

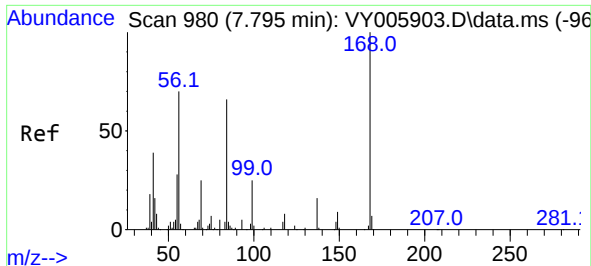
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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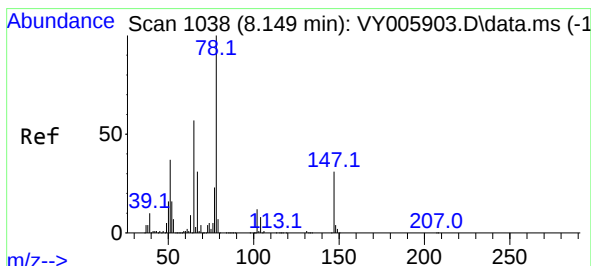
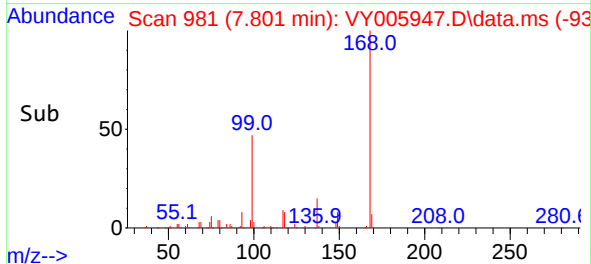
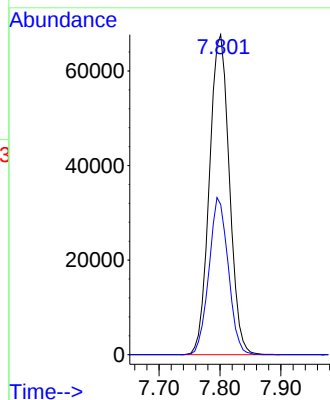
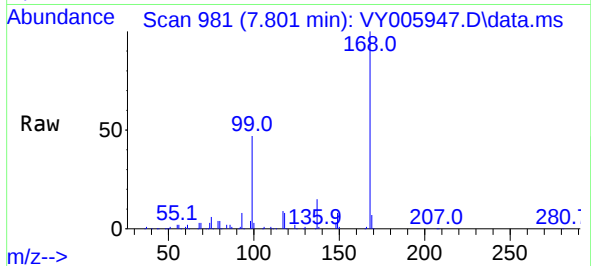




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

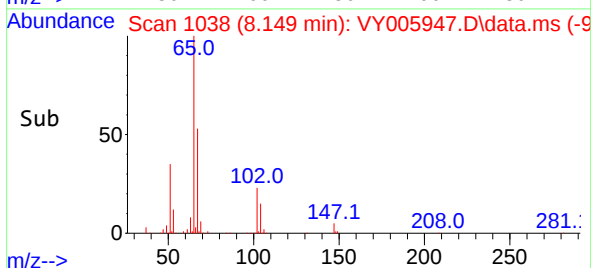
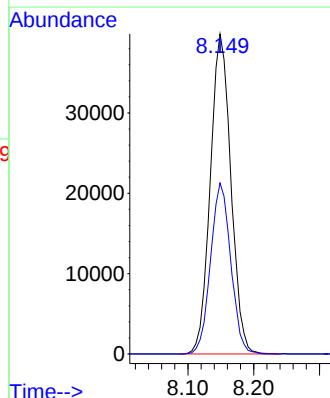
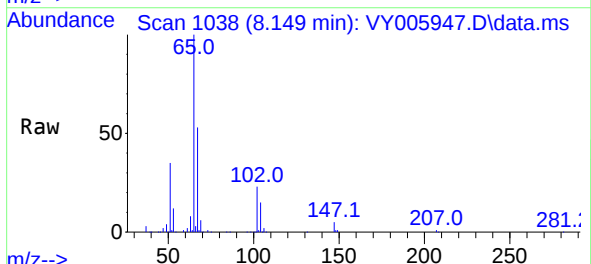
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24029

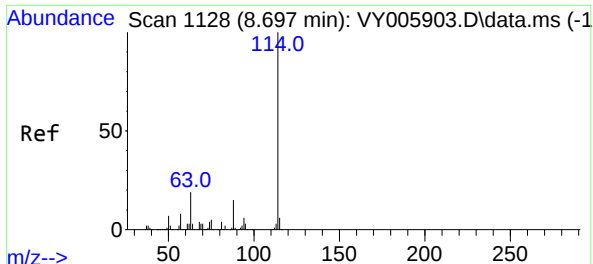
Tgt Ion:168 Resp: 153987
Ion Ratio Lower Upper
168 100
99 47.0 40.6 60.8



#33
1,2-Dichloroethane-d4
Concen: 55.890 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Tgt Ion: 65 Resp: 86728
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4



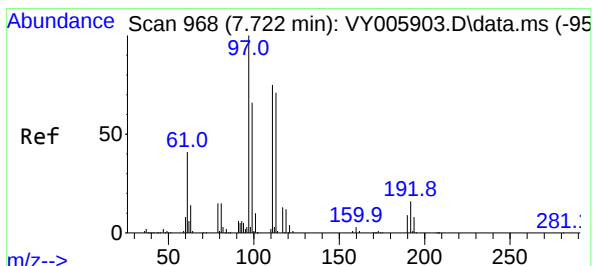
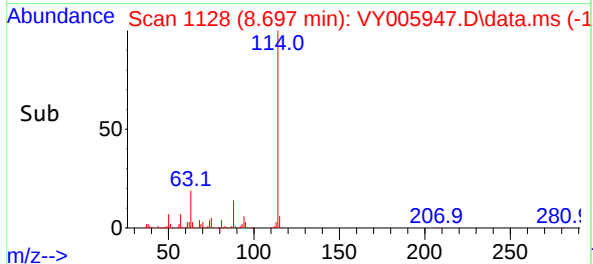
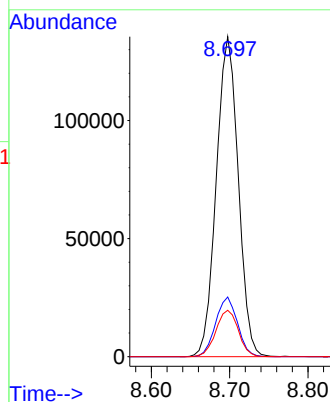
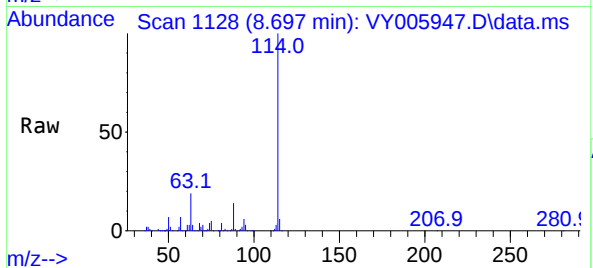


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24029

Tgt Ion:114 Resp: 264139

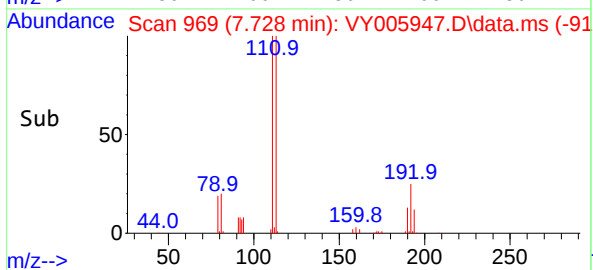
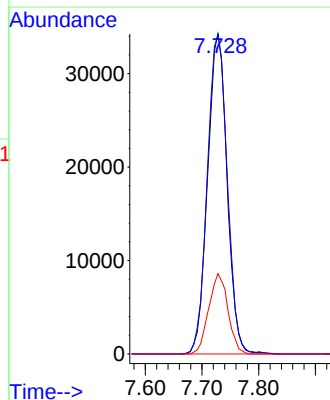
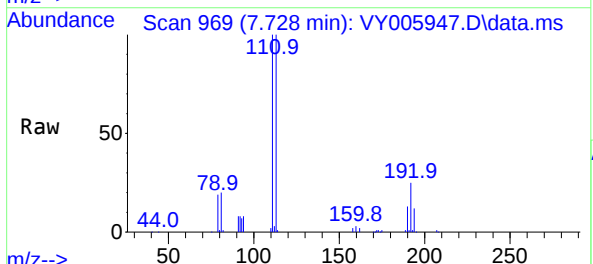
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.4
88	14.5	0.0	30.0

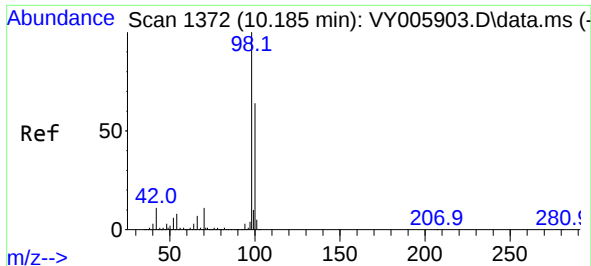


#35
Dibromofluoromethane
Concen: 55.095 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Tgt Ion:113 Resp: 81727

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	24.7	19.4	29.0

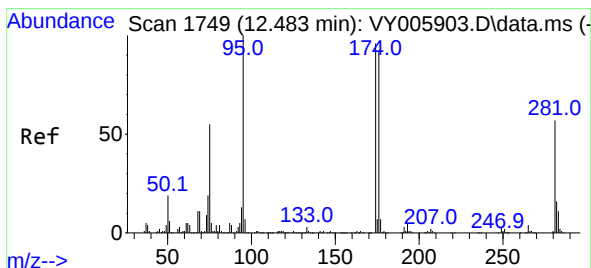
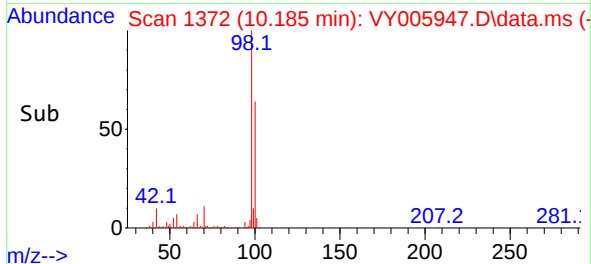
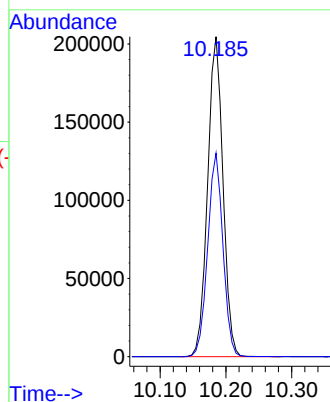
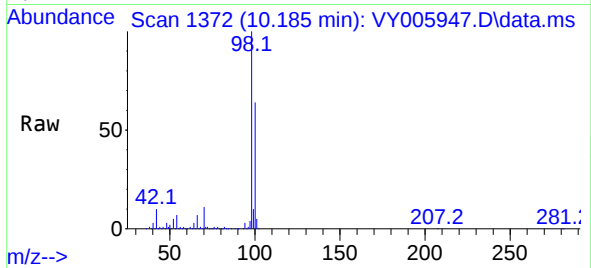




#50
Toluene-d8
Concen: 53.396 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

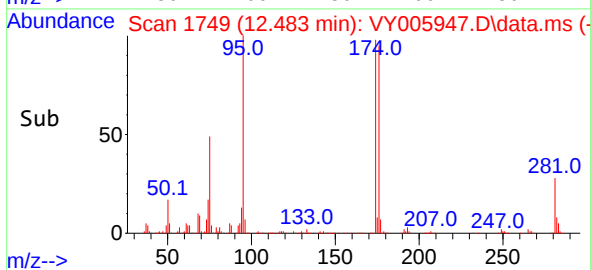
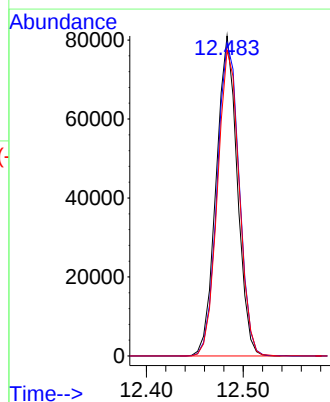
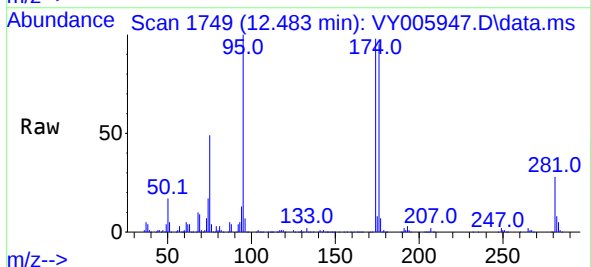
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24029

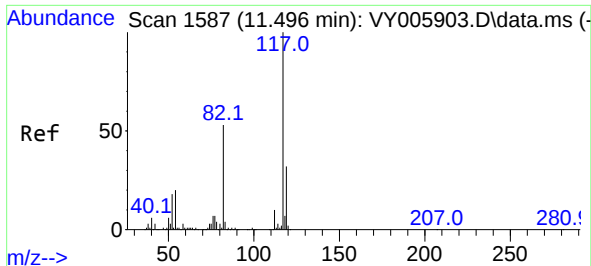
Tgt Ion: 98 Resp: 332420
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 58.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Tgt Ion: 95 Resp: 122400
Ion Ratio Lower Upper
95 100
174 101.6 0.0 192.4
176 97.8 0.0 186.8

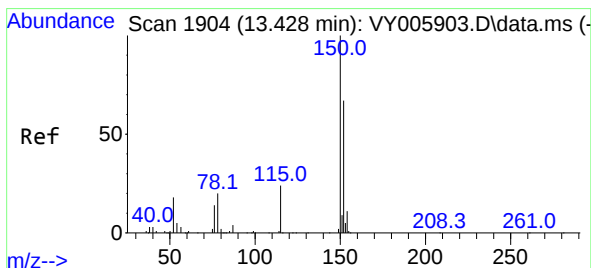
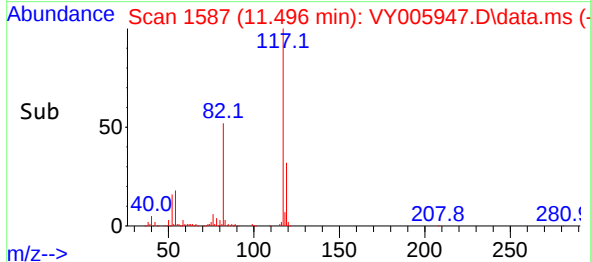
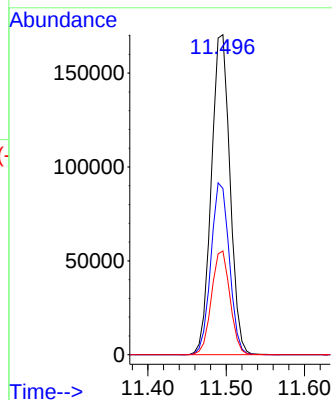
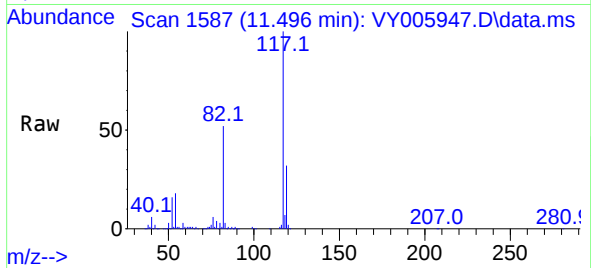




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005947.D
Acq: 07 Sep 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24029

Tgt Ion:	117	Resp:	281585
Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.4	63.6
119	32.4	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: VY005947.D
Acq: 07 Sep 2021 16:25

Tgt Ion:	152	Resp:	145638
Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.8	80.4
150	156.2	0.0	345.6

