

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005718.D
 Acq On : 17 Aug 2021 18:16
 Operator : SY/MD
 Sample : M3438-03
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26855

Quant Time: Aug 18 01:53:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	28258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	41149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	36869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	13208	46.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.360%
35) Dibromofluoromethane	7.722	113	11768	51.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.185	98	51927	53.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.480%
62) 4-Bromofluorobenzene	12.483	95	15611	48.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.580%

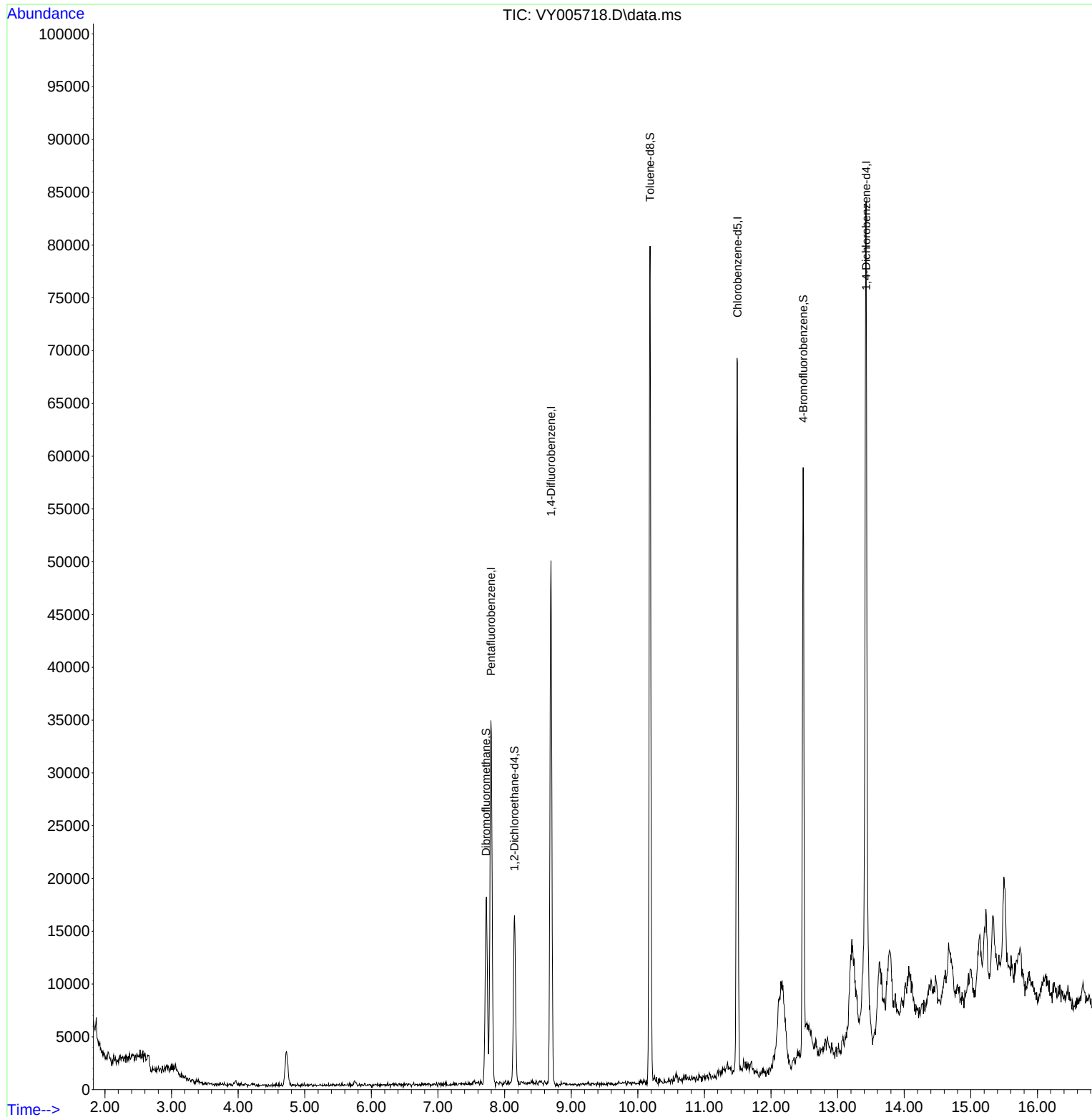
Target Compounds	Qvalue

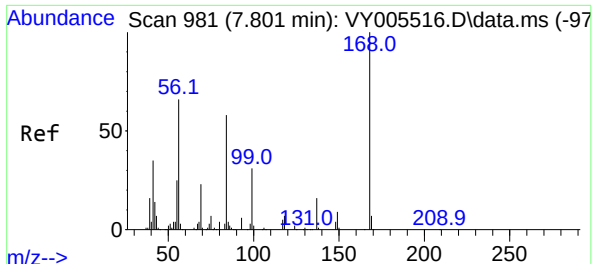
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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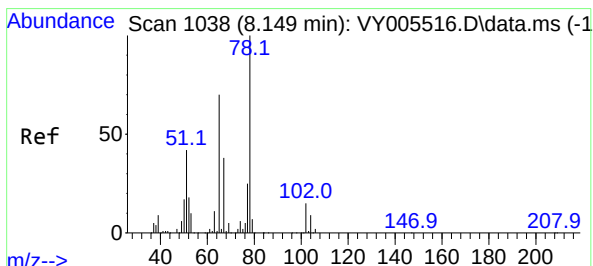
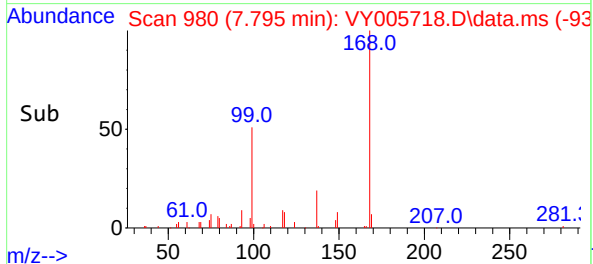
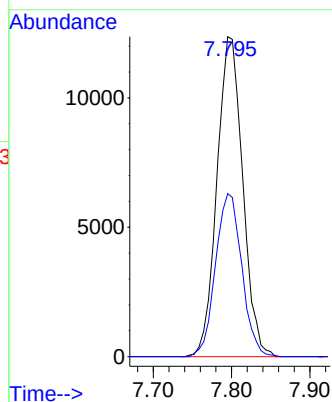
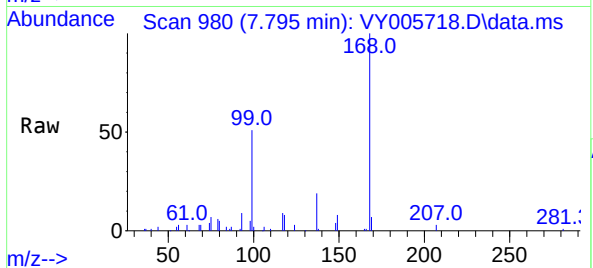




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

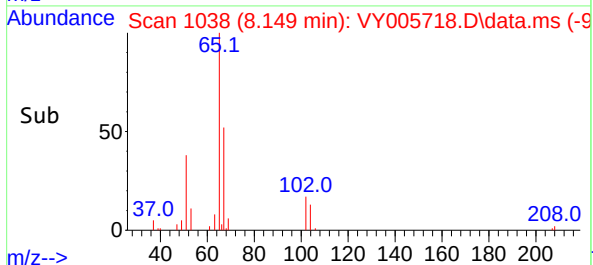
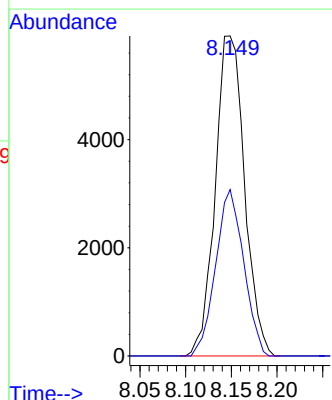
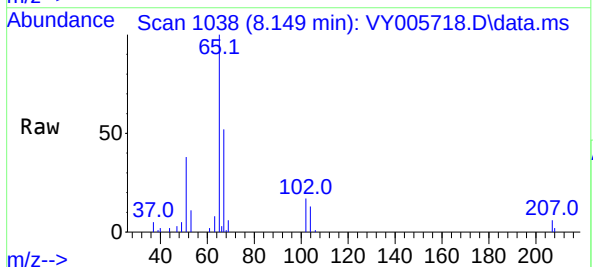
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26855

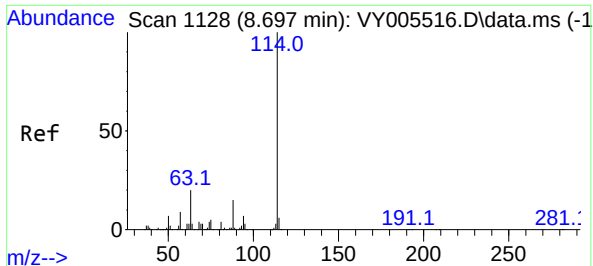
Tgt Ion:168 Resp: 28258
Ion Ratio Lower Upper
168 100
99 51.0 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 46.175 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion: 65 Resp: 13208
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.4



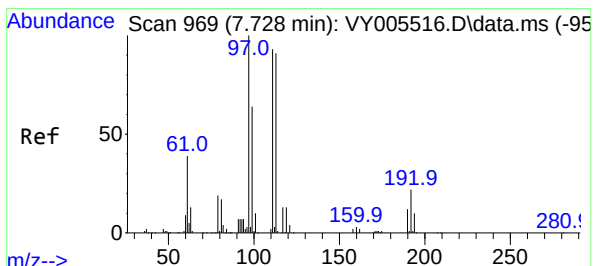
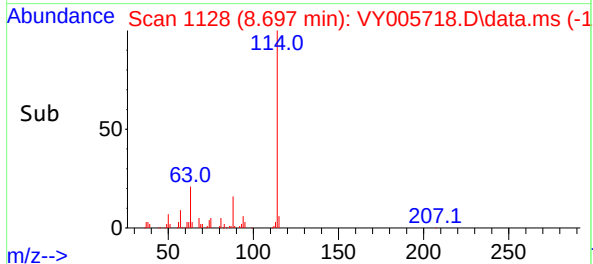
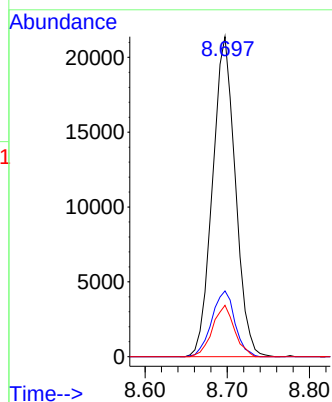
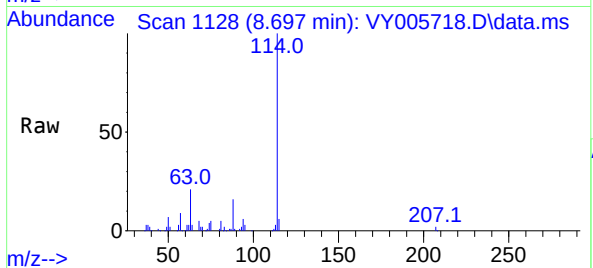


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Instrument :
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ClientSampleId :
CHRT-26855

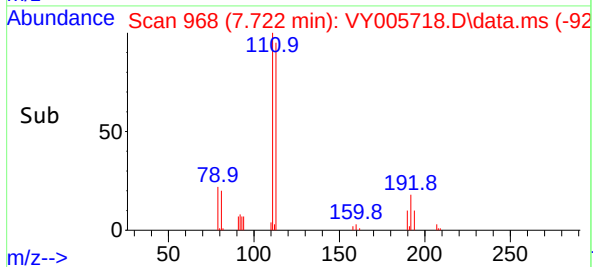
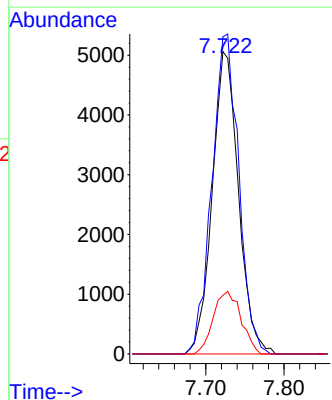
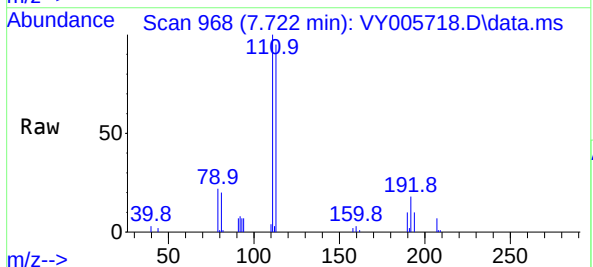
Tgt Ion:	114	Resp:	41149
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.2
88	16.0	0.0	30.8

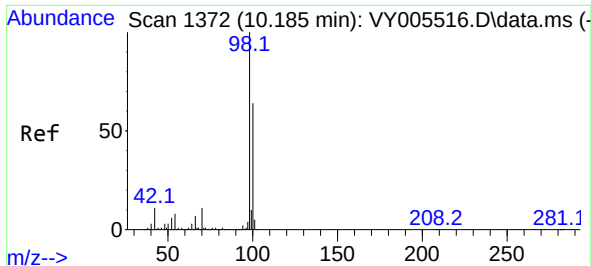


#35

Dibromofluoromethane
Concen: 51.080 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion:	113	Resp:	11768
Ion	Ratio	Lower	Upper
113	100		
111	108.1	81.9	122.9
192	21.8	19.2	28.8

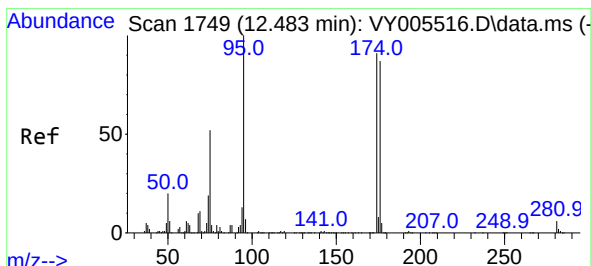
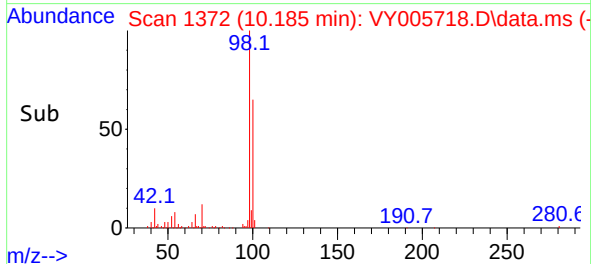
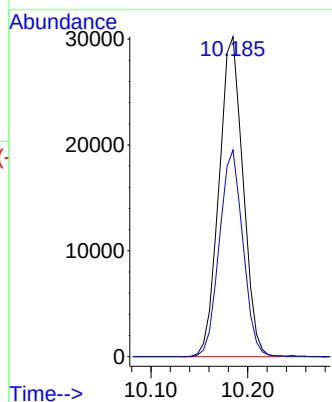
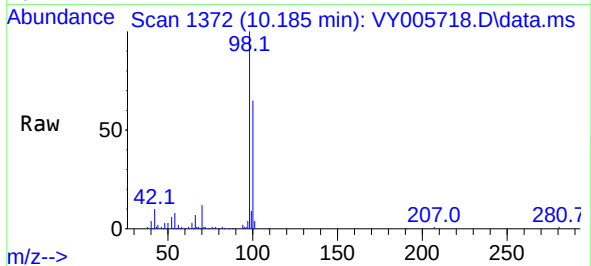




#50
Toluene-d8
Concen: 53.743 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

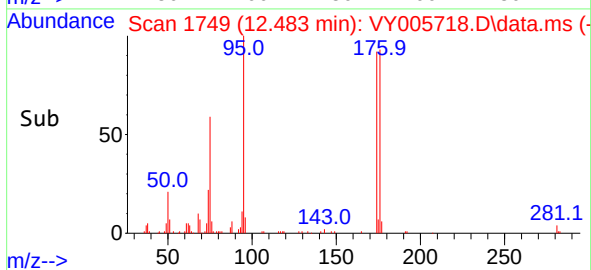
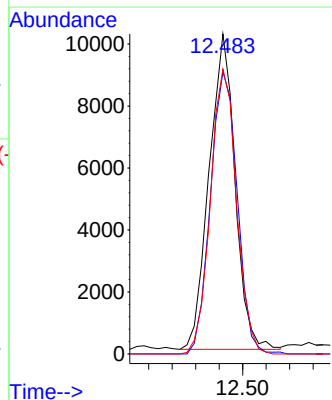
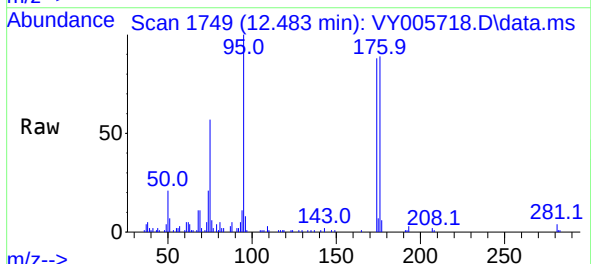
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26855

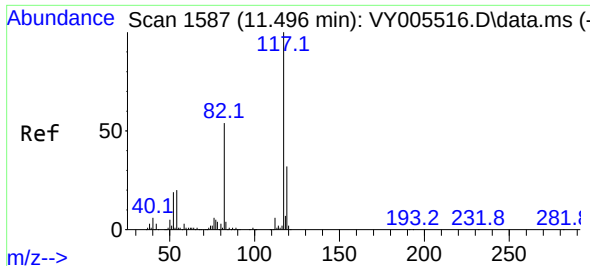
Tgt Ion: 98 Resp: 51927
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 48.790 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion: 95 Resp: 15611
Ion Ratio Lower Upper
95 100
174 92.2 0.0 191.4
176 90.5 0.0 183.6

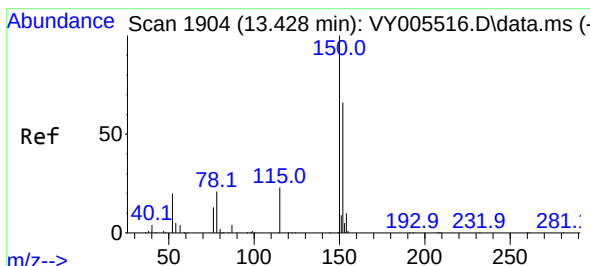
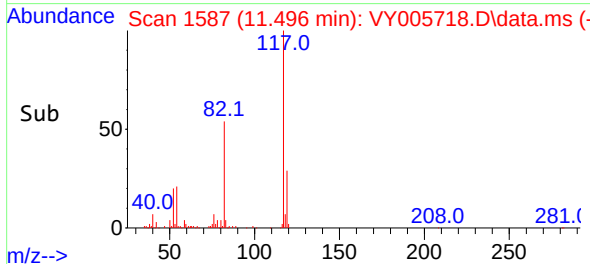
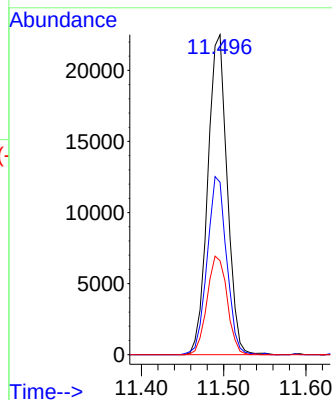
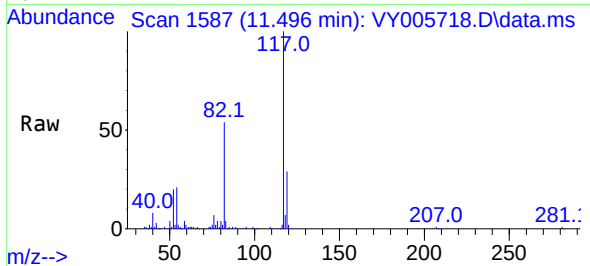




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26855

Tgt Ion:	117	Resp:	36869
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.5	65.3
119	29.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion:	152	Resp:	17304
Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.3	81.9
150	158.0	0.0	350.2

