

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004313.D
 Acq On : 07 Apr 2021 14:31
 Operator : SY/MD
 Sample : M1954-01
 Misc : 6.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-040621

Quant Time: Apr 08 01:00:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	172127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	273139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112207	67.81	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.62%
35) Dibromofluoromethane	7.734	113	91515	55.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.72%
50) Toluene-d8	10.185	98	362709	58.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.66%
62) 4-Bromofluorobenzene	12.483	95	120170	56.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.78%

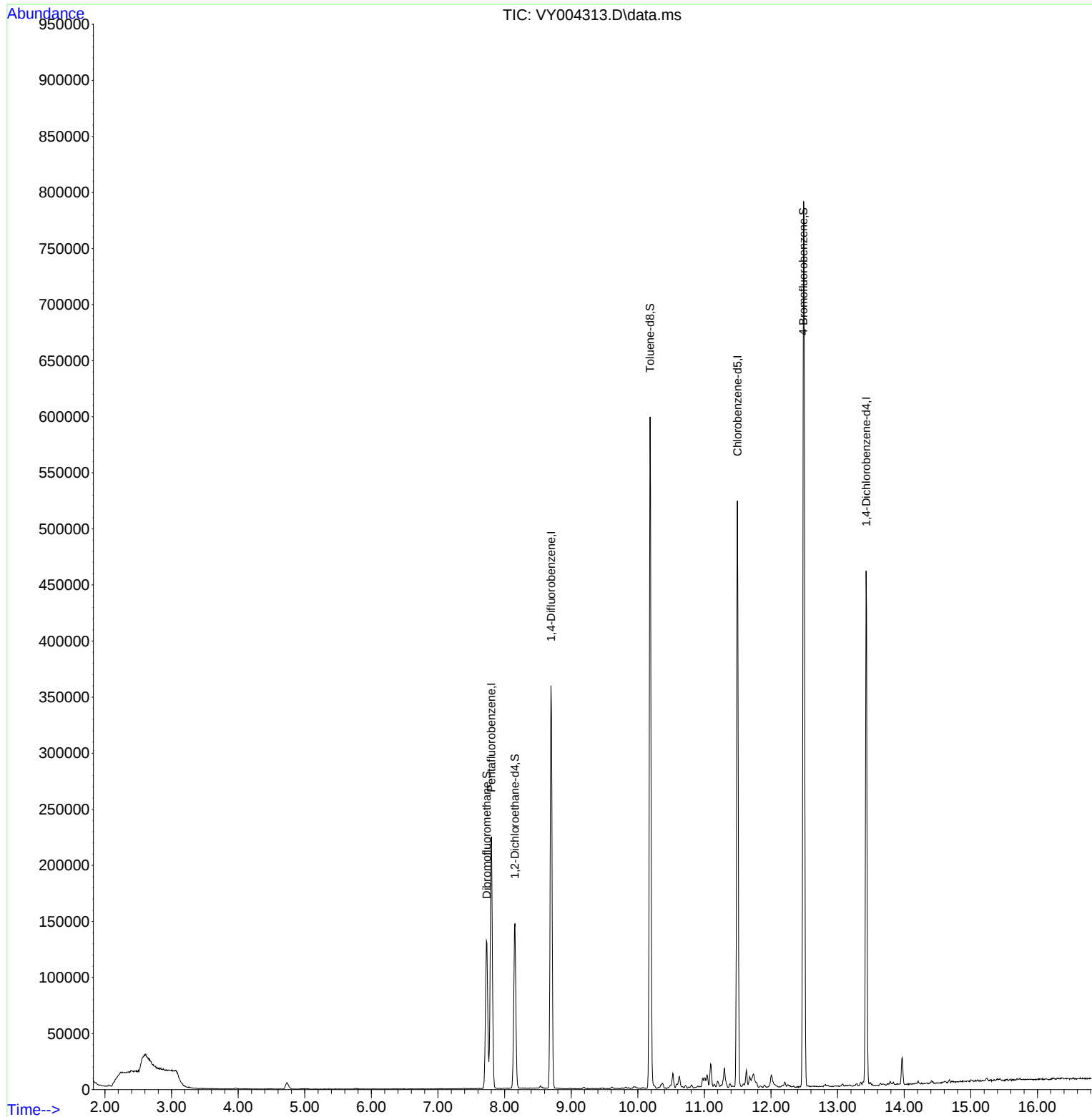
Target Compounds	Qvalue

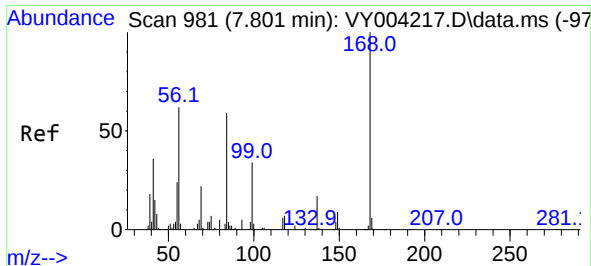
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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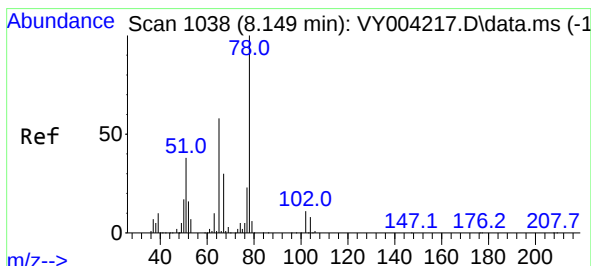
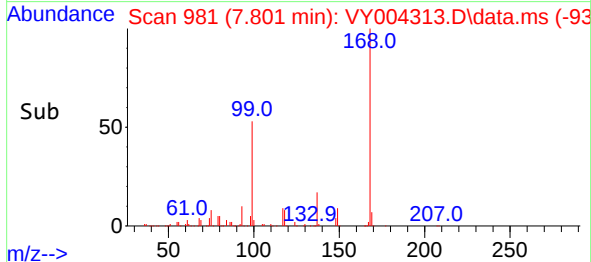
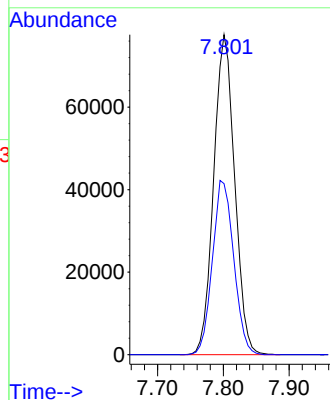
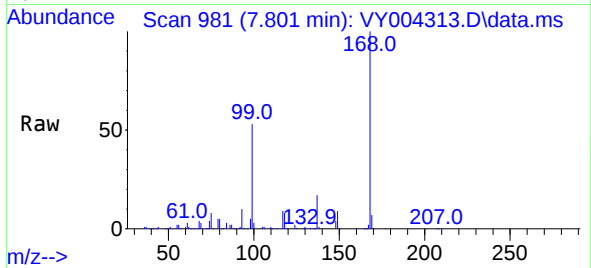




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004313.D
Acq: 07 Apr 2021 14:31

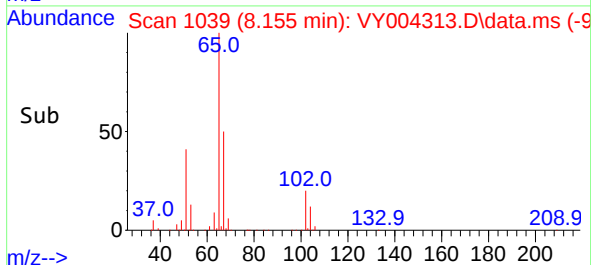
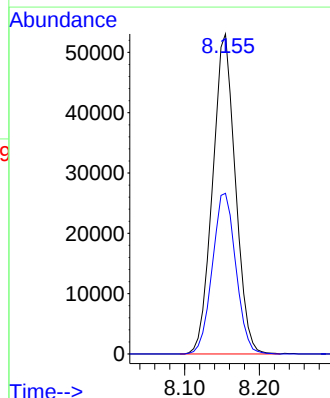
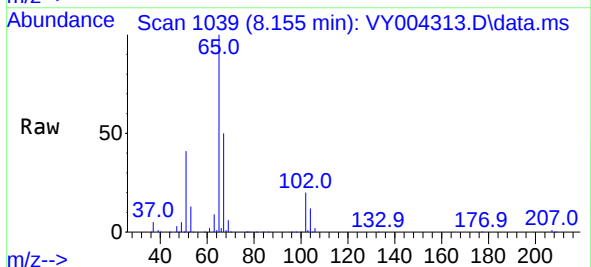
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-040621

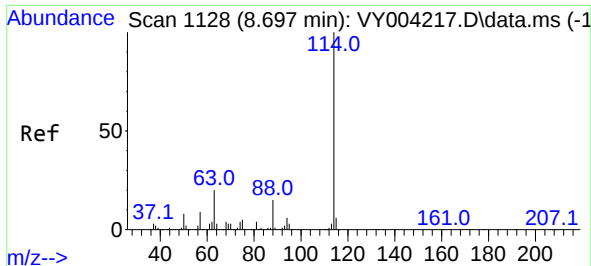
Tgt Ion:168 Resp: 172127
Ion Ratio Lower Upper
168 100
99 53.5 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 67.81 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004313.D
Acq: 07 Apr 2021 14:31

Tgt Ion: 65 Resp: 112207
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2

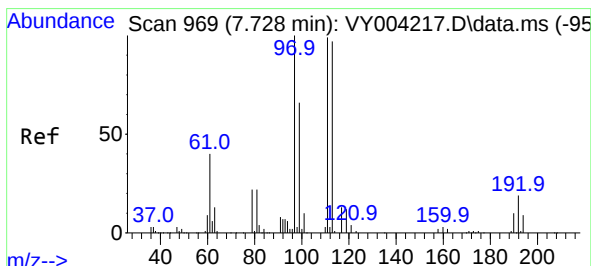
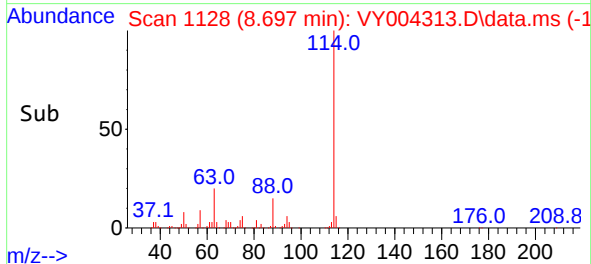
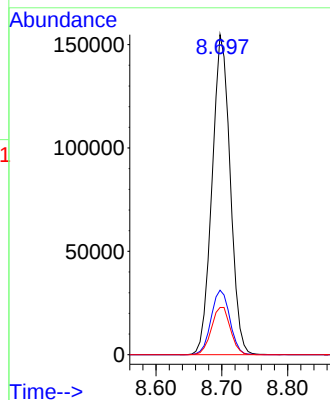
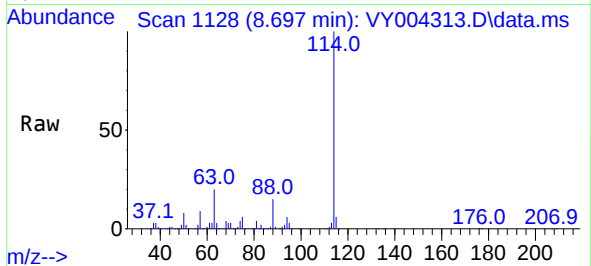




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004313.D
Acq: 07 Apr 2021 14:31

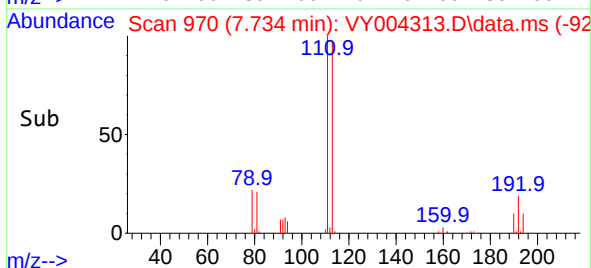
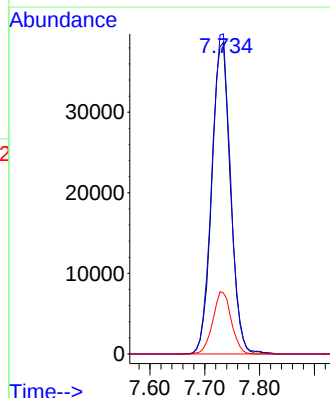
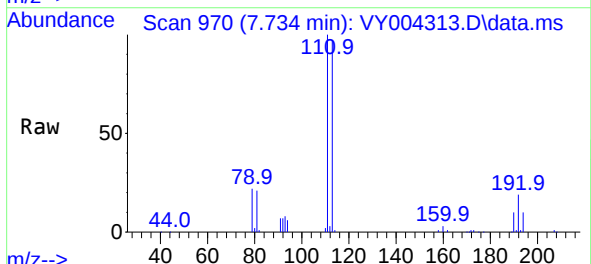
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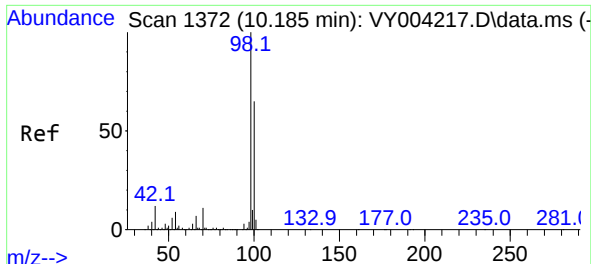
Tgt Ion:	114	Resp:	296699
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.4
88	14.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.36 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004313.D
Acq: 07 Apr 2021 14:31

Tgt Ion:	113	Resp:	91515
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	19.7	16.4	24.6

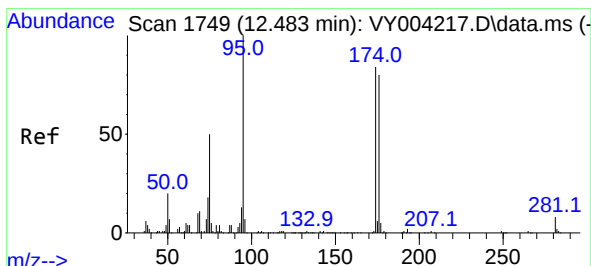
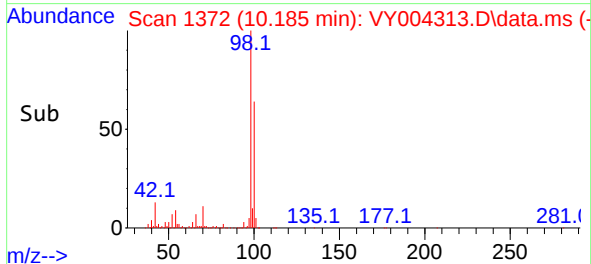
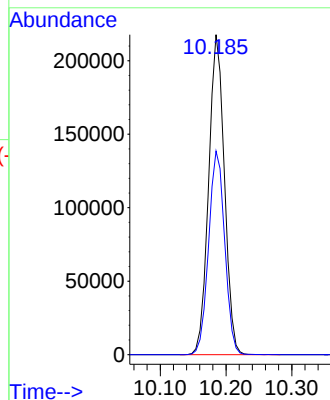
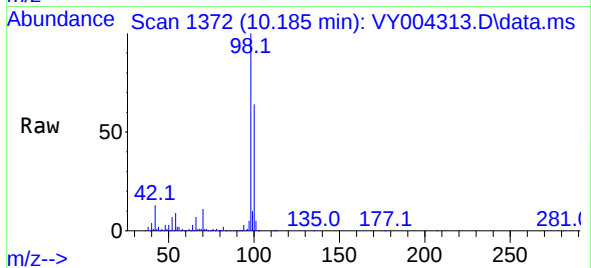




#50
Toluene-d8
Concen: 58.33 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004313.D
Acq: 07 Apr 2021 14:31

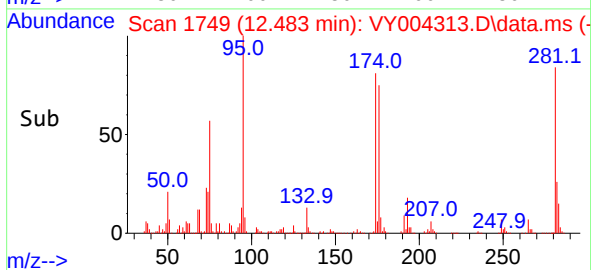
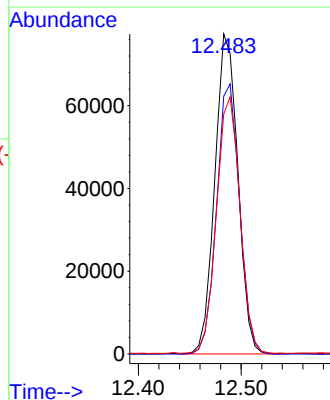
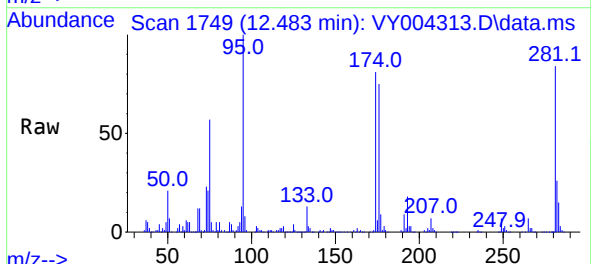
Instrument :
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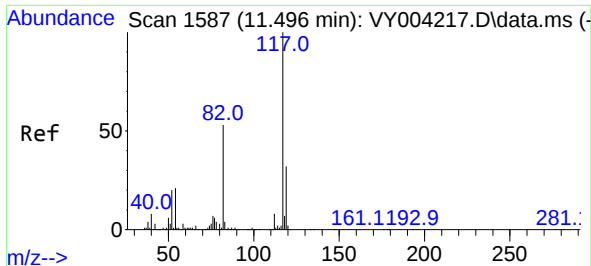
Tgt Ion: 98 Resp: 362709
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004313.D
Acq: 07 Apr 2021 14:31

Tgt Ion: 95 Resp: 120170
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.4
176 81.6 0.0 165.6



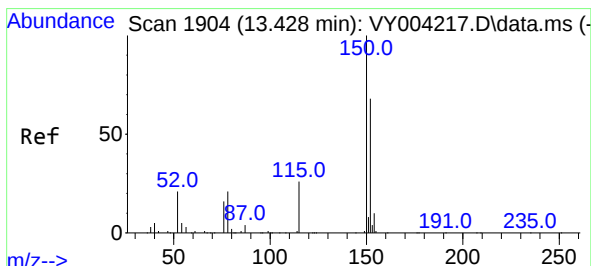
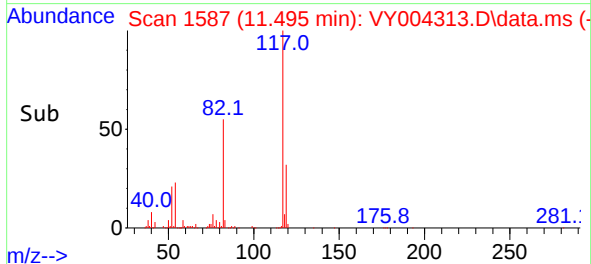
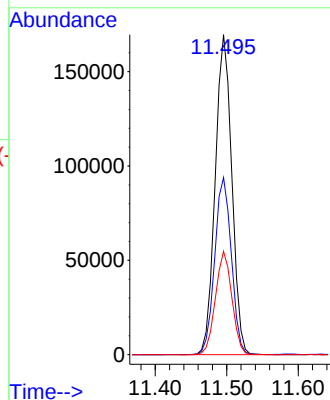
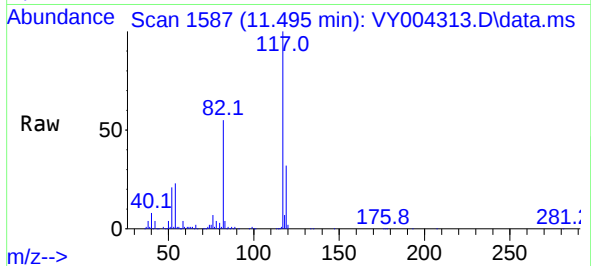


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004313.D
Acq: 07 Apr 2021 14:31

Instrument :
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Tgt Ion:117 Resp: 273139

Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.7	64.1
119	32.3	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004313.D
Acq: 07 Apr 2021 14:31

Tgt Ion:152 Resp: 113299

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.0	87.1
150	155.9	0.0	347.4

