

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004894.D
 Acq On : 27 May 2021 12:41
 Operator : SY/MD
 Sample : M2531-01
 Misc : 5.54G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-052621

Quant Time: May 27 14:24:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	52026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	74821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	50281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	17712	28.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	57.20%
35) Dibromofluoromethane	7.722	113	19829	48.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.82%
50) Toluene-d8	10.185	98	86305	46.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.28%
62) 4-Bromofluorobenzene	12.483	95	19138	30.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.28%

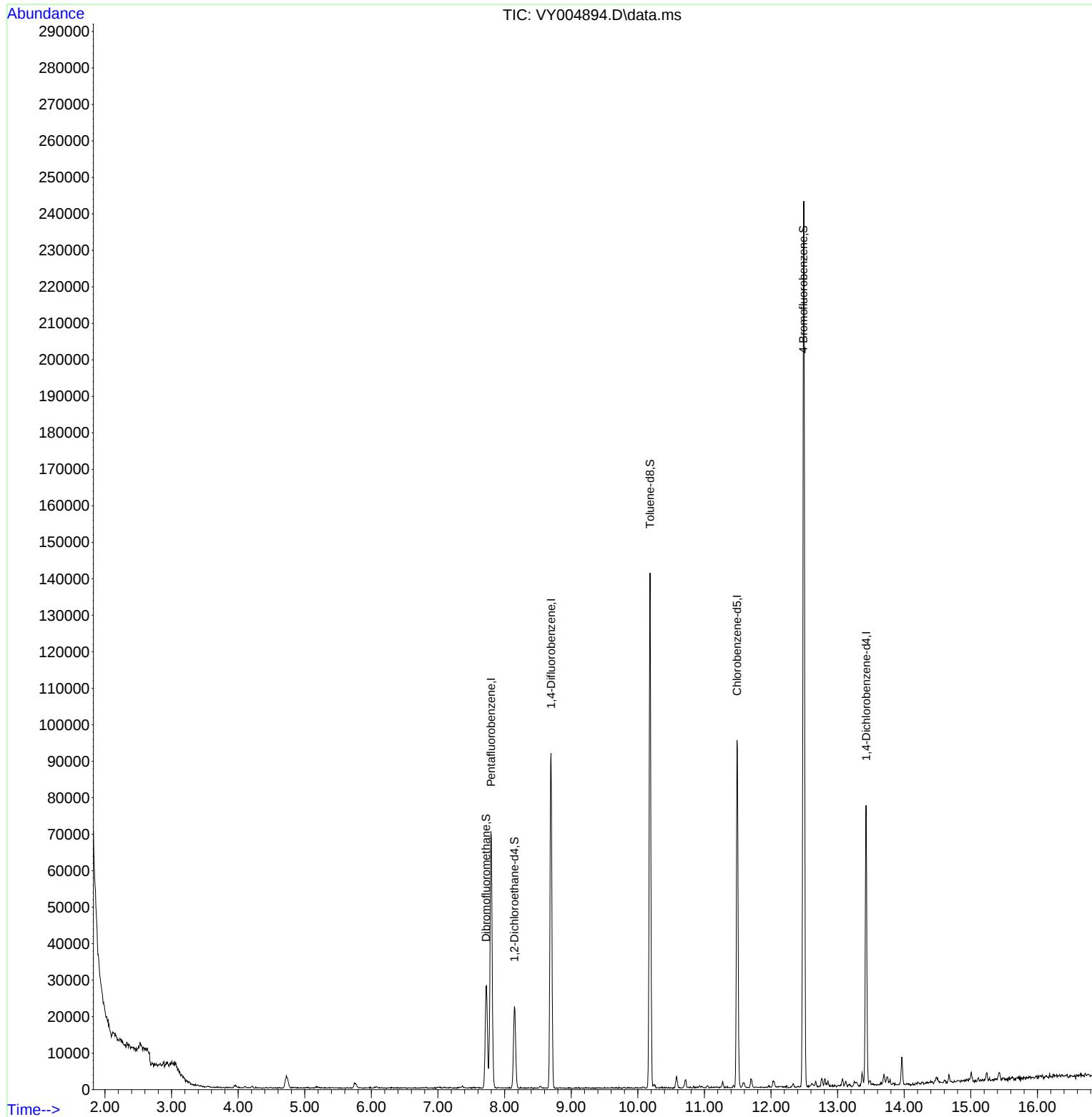
Target Compounds	Qvalue

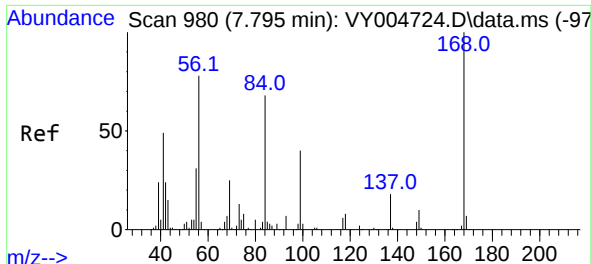
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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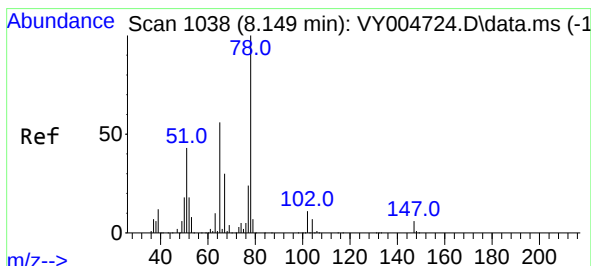
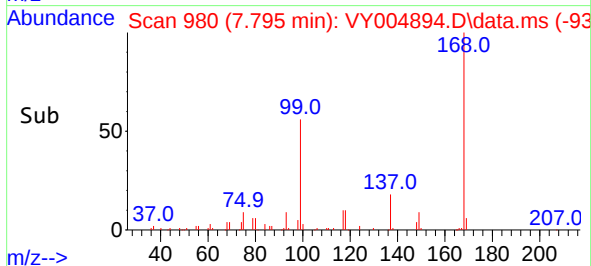
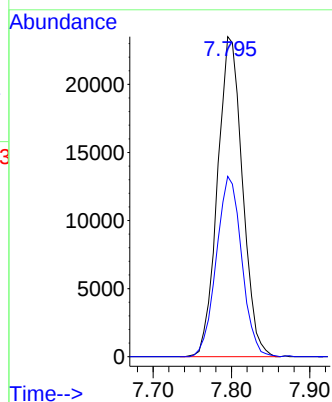
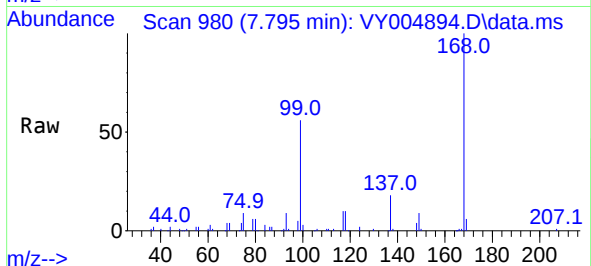




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004894.D
Acq: 27 May 2021 12:41

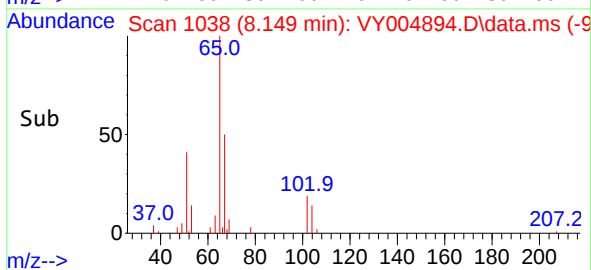
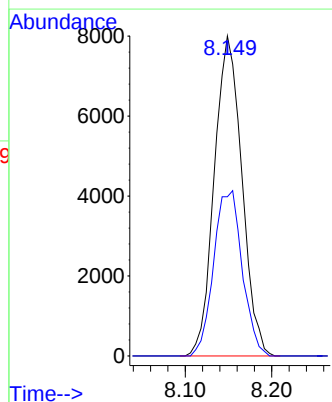
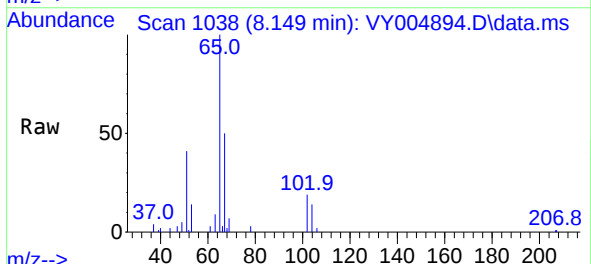
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621

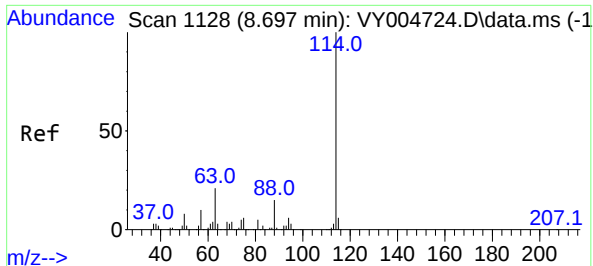
Tgt Ion:168 Resp: 52026
Ion Ratio Lower Upper
168 100
99 56.4 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 28.60 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004894.D
Acq: 27 May 2021 12:41

Tgt Ion: 65 Resp: 17712
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0



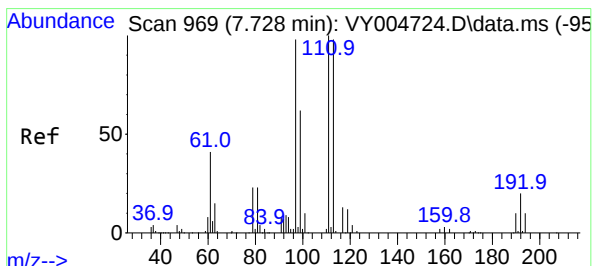
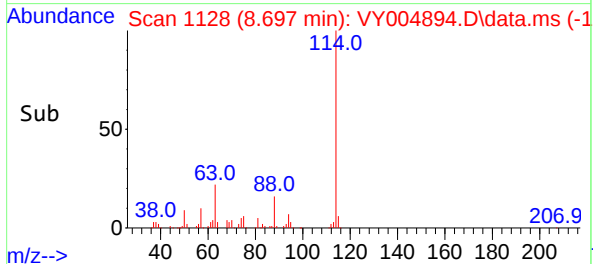
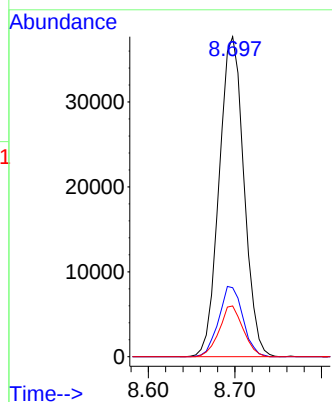
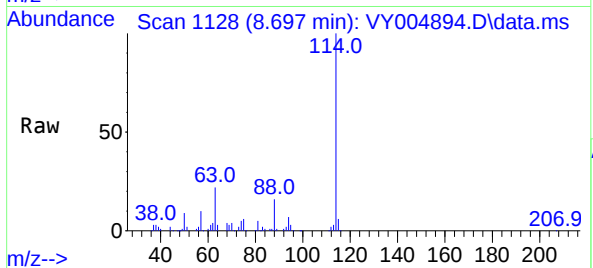


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004894.D
Acq: 27 May 2021 12:41

Instrument :
MSVOA_Y
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SU-04-052621

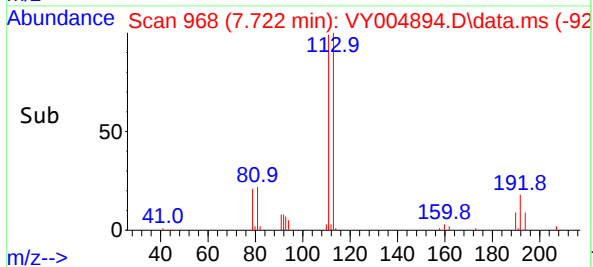
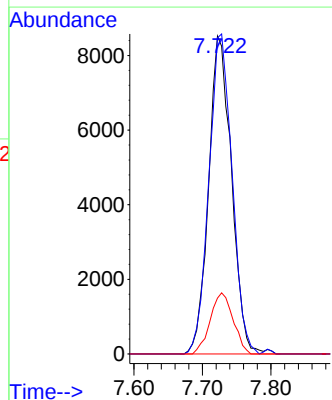
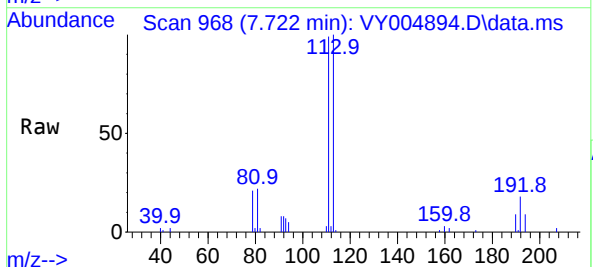
Tgt Ion:	114	Resp:	74821
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.8
88	15.9	0.0	31.0

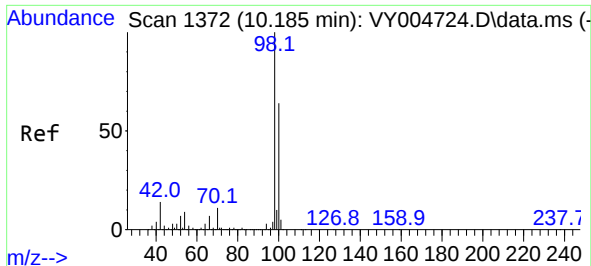


#35

Dibromofluoromethane
Concen: 48.41 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004894.D
Acq: 27 May 2021 12:41

Tgt Ion:	113	Resp:	19829
Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.5	120.7
192	19.2	15.0	22.6

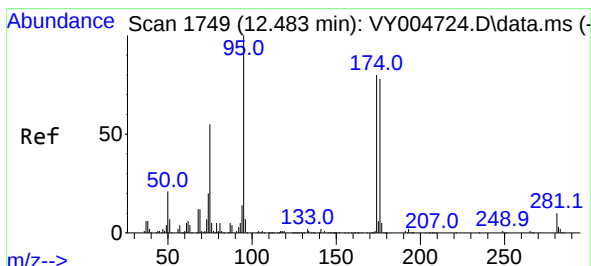
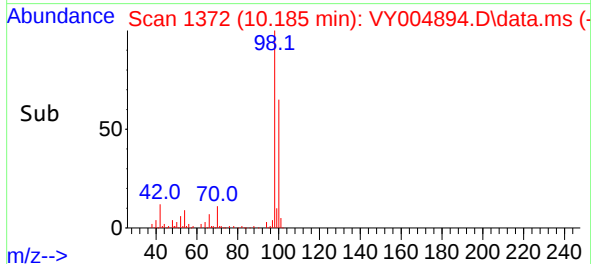
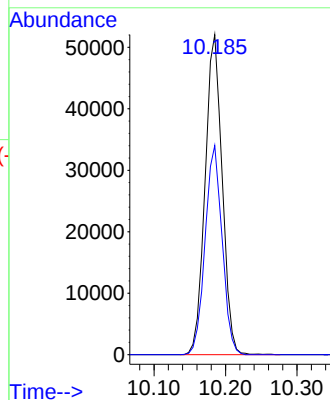
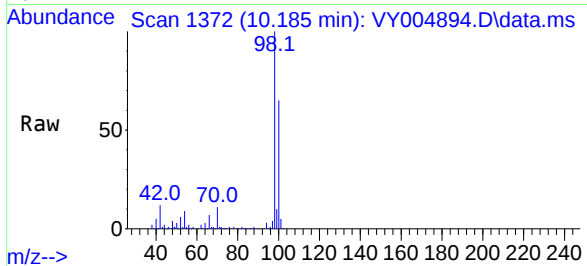




#50
Toluene-d8
Concen: 46.64 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004894.D
Acq: 27 May 2021 12:41

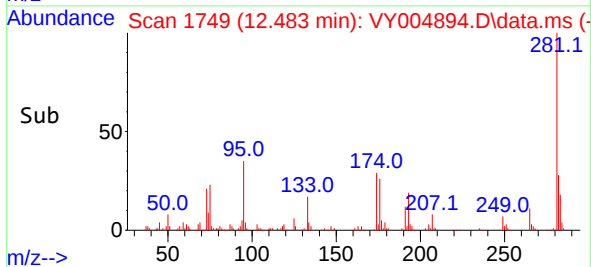
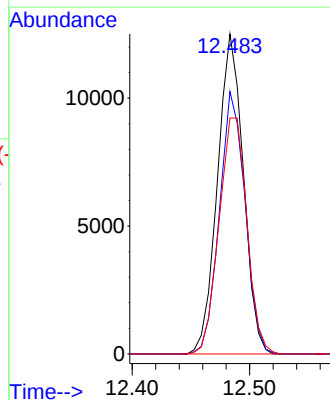
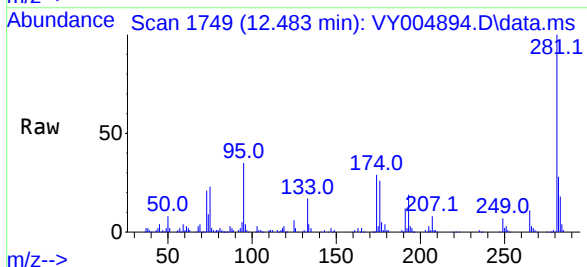
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621

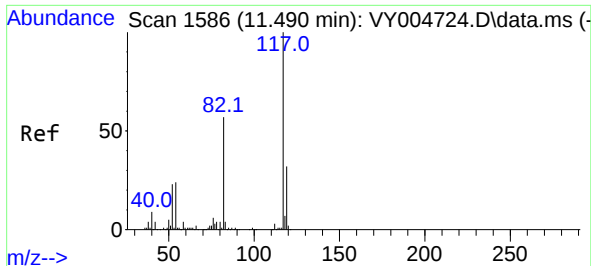
Tgt Ion: 98 Resp: 86305
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 30.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004894.D
Acq: 27 May 2021 12:41

Tgt Ion: 95 Resp: 19138
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.2
176 79.7 0.0 159.0

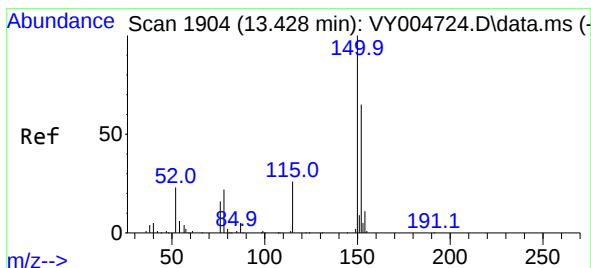
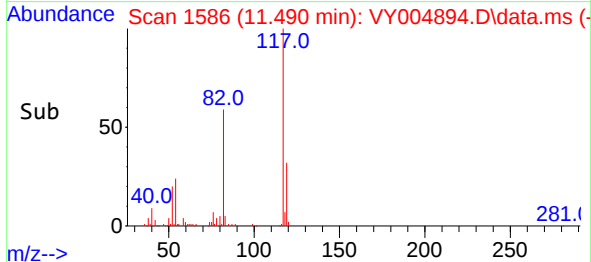
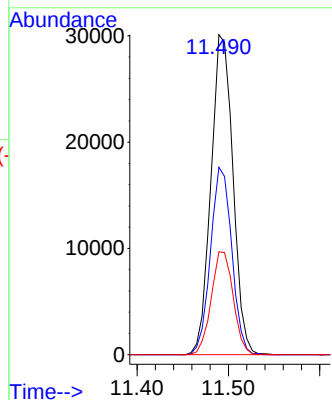
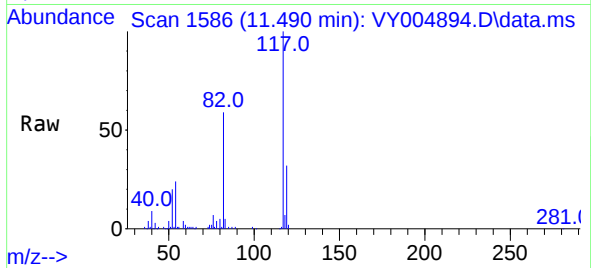




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004894.D
Acq: 27 May 2021 12:41

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-052621

Tgt Ion:	117	Resp:	50281
Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.4	68.2
119	32.2	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004894.D
Acq: 27 May 2021 12:41

Tgt Ion:	152	Resp:	18419
Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.4	88.3
150	162.2	0.0	349.8

