

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006171.D
 Acq On : 27 Sep 2021 18:17
 Operator : SY/MD
 Sample : M3951-01
 Misc : 6.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-20210924

Quant Time: Sep 28 06:22:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	122156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	177672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76762	45.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.480%
35) Dibromofluoromethane	7.722	113	62404	56.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.100%
50) Toluene-d8	10.185	98	218917	46.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.080%
62) 4-Bromofluorobenzene	12.483	95	66265	41.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.000%

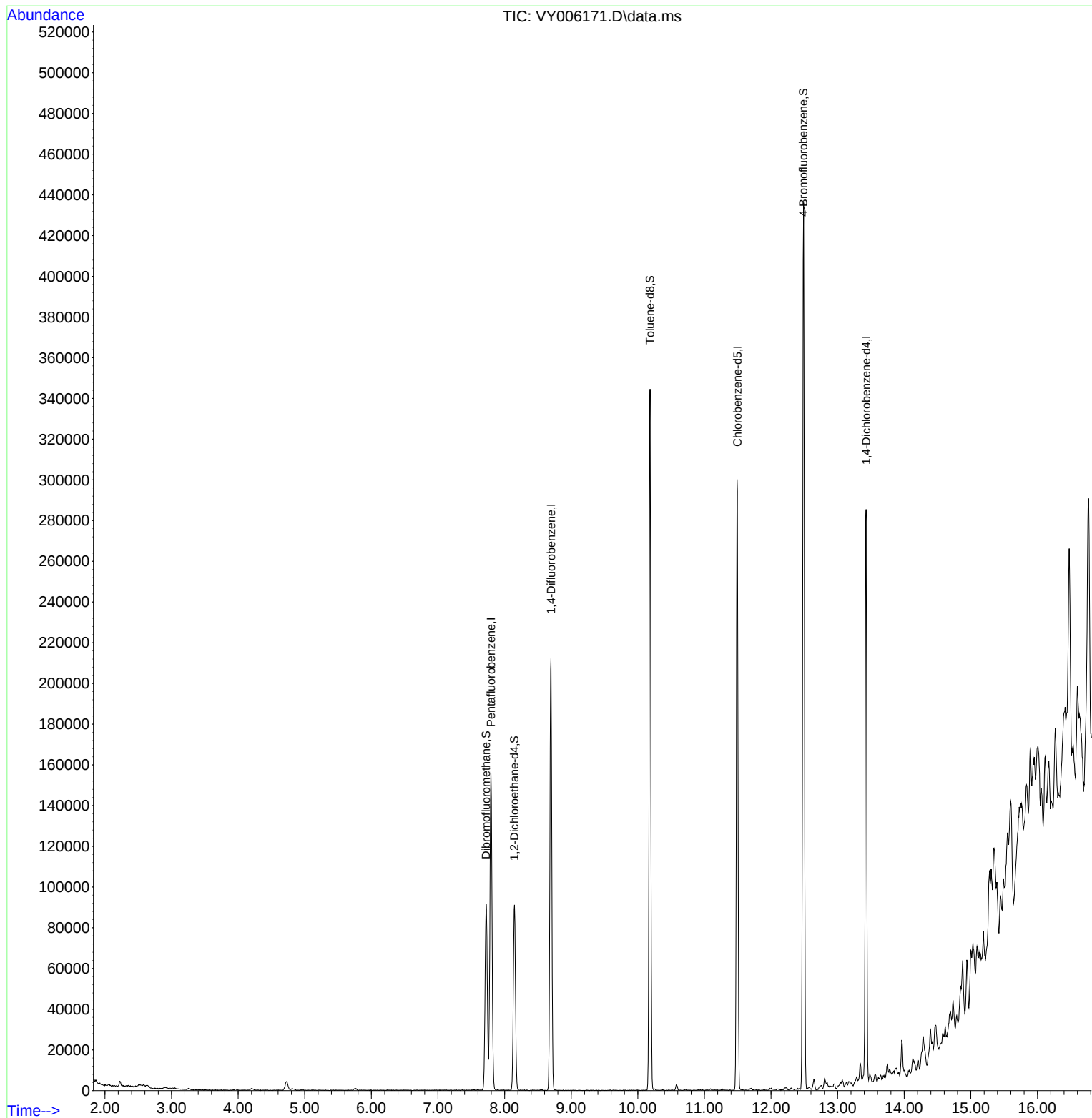
Target Compounds	Qvalue

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

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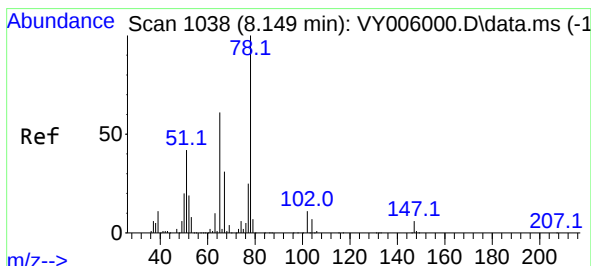
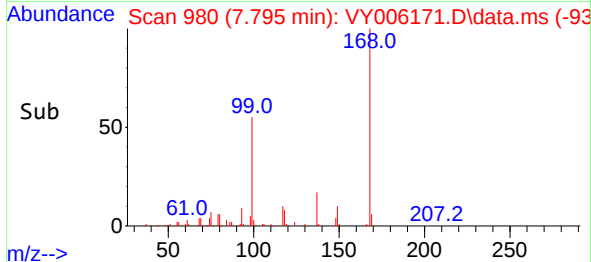
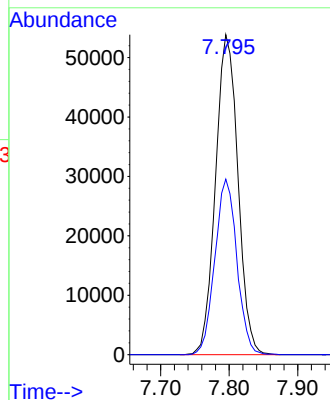
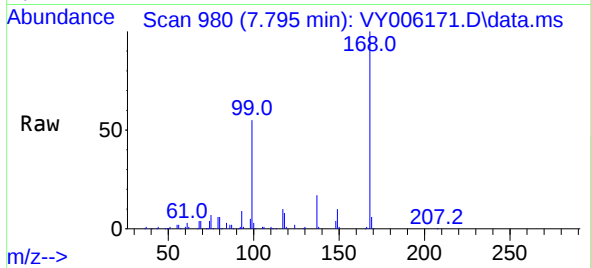




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

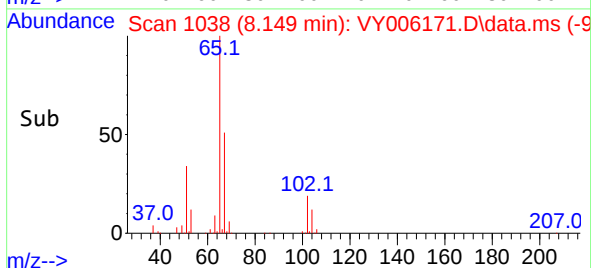
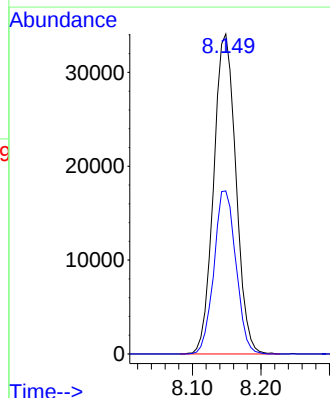
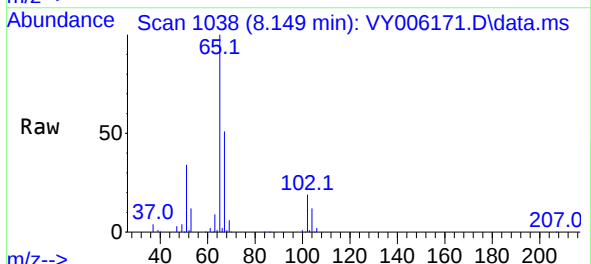
Instrument :
MSVOA_Y
ClientSampleId :
WC-20210924

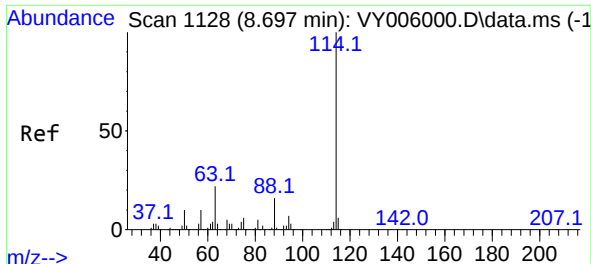
Tgt Ion:168 Resp: 122156
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.239 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

Tgt Ion: 65 Resp: 76762
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.4



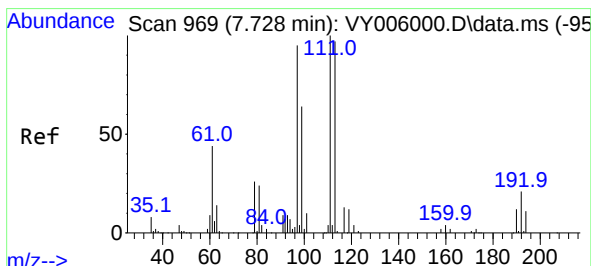
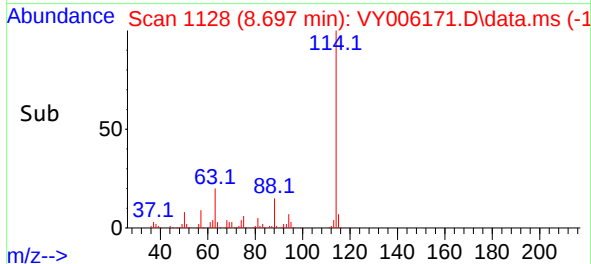
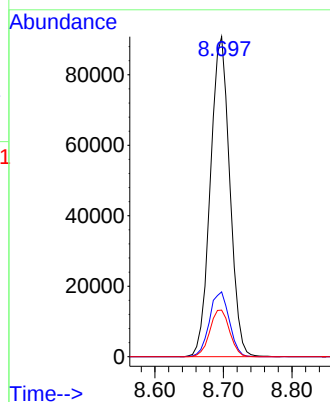
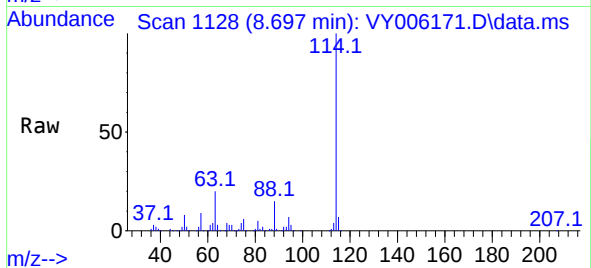


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

Instrument :
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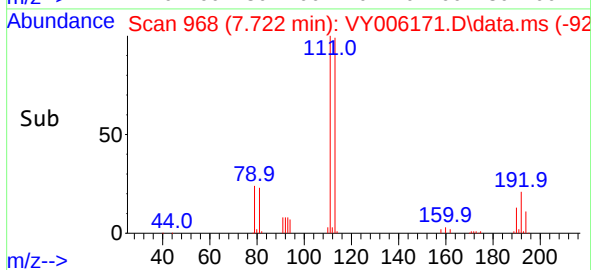
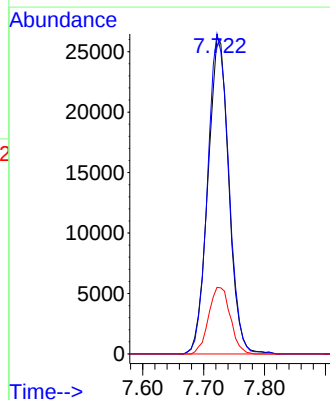
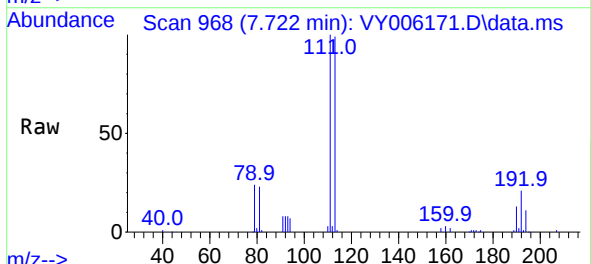
Tgt Ion:	114	Resp:	177672
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.2
88	14.6	0.0	31.8

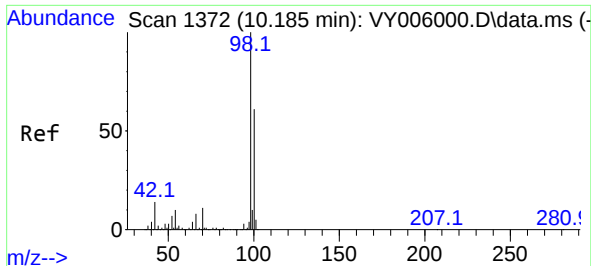


#35

Dibromofluoromethane
Concen: 56.548 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

Tgt Ion:	113	Resp:	62404
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	21.8	17.6	26.4

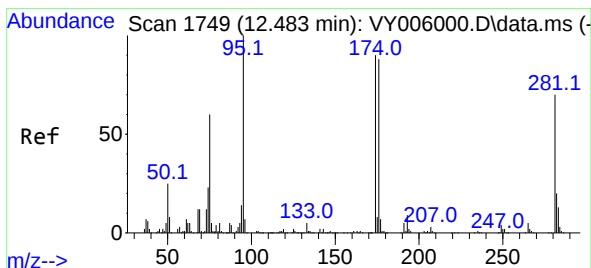
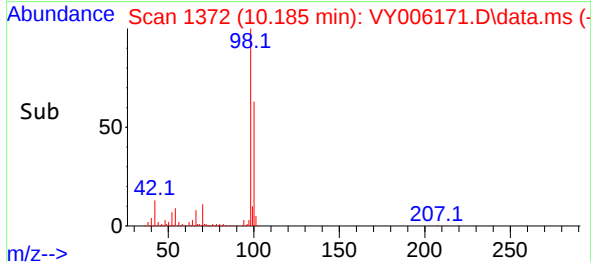
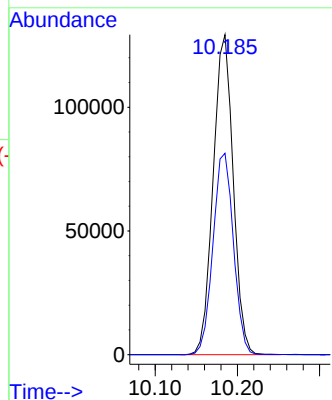
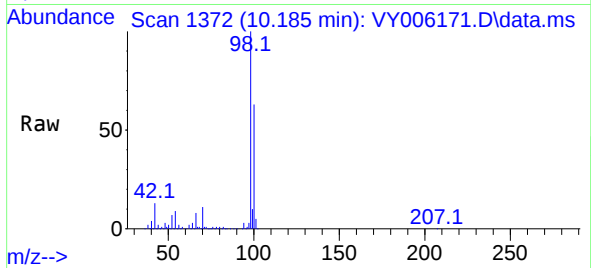




#50
Toluene-d8
Concen: 46.545 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

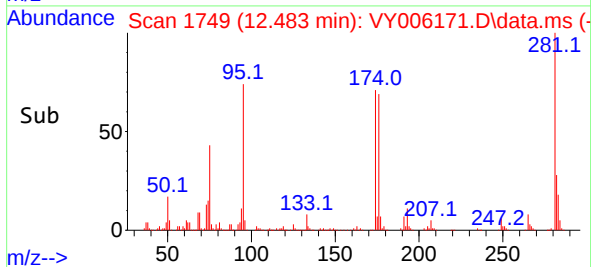
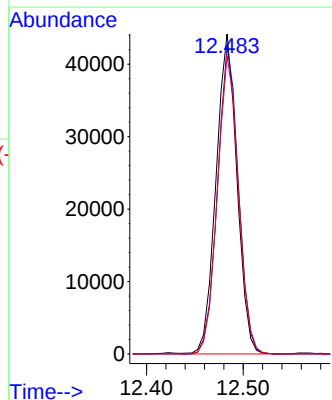
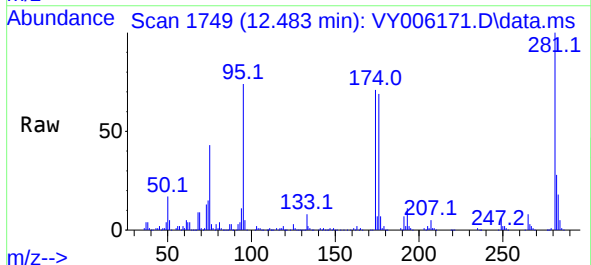
Instrument :
MSVOA_Y
ClientSampleId :
WC-20210924

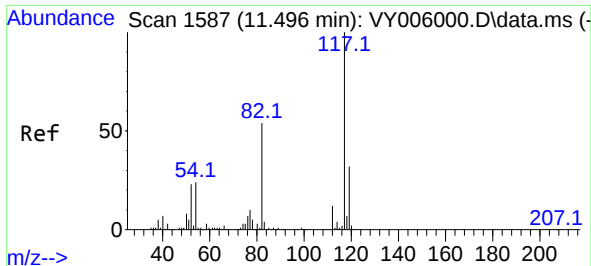
Tgt Ion: 98 Resp: 218917
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.497 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

Tgt Ion: 95 Resp: 66265
Ion Ratio Lower Upper
95 100
174 95.7 0.0 177.0
176 93.5 0.0 175.8

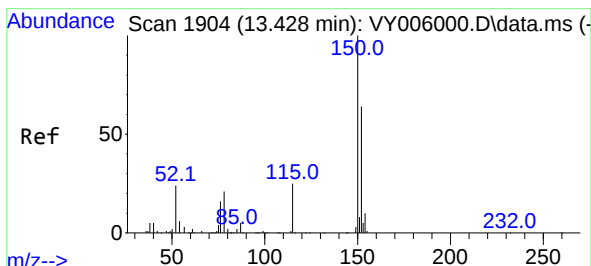
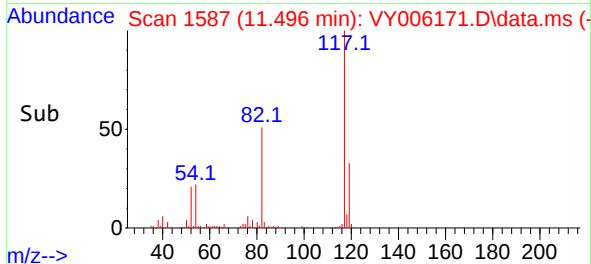
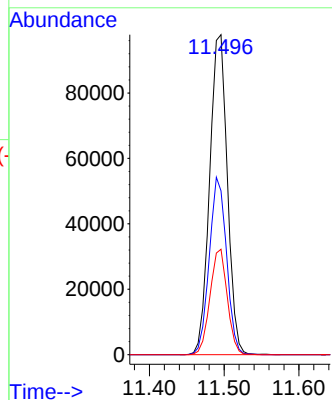
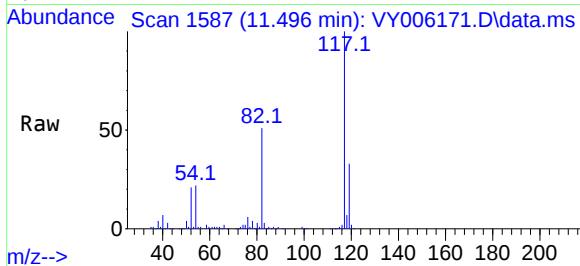




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006171.D
Acq: 27 Sep 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :
WC-20210924

Tgt Ion:	117	Resp:	161298
Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.0	64.4
119	33.0	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: VY006171.D
Acq: 27 Sep 2021 18:17

Tgt Ion:	152	Resp:	71923
Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.2	84.7
150	156.8	0.0	347.6

