

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005162.D
 Acq On : 17 Jun 2021 17:20
 Operator : SY/MD
 Sample : M2748-05
 Misc : 6.16G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5A

Quant Time: Jun 18 03:03:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	146546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98426	69.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.920%
35) Dibromofluoromethane	7.728	113	85660	73.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	147.600%#
50) Toluene-d8	10.185	98	331516	57.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.760%
62) 4-Bromofluorobenzene	12.483	95	116503	59.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.920%

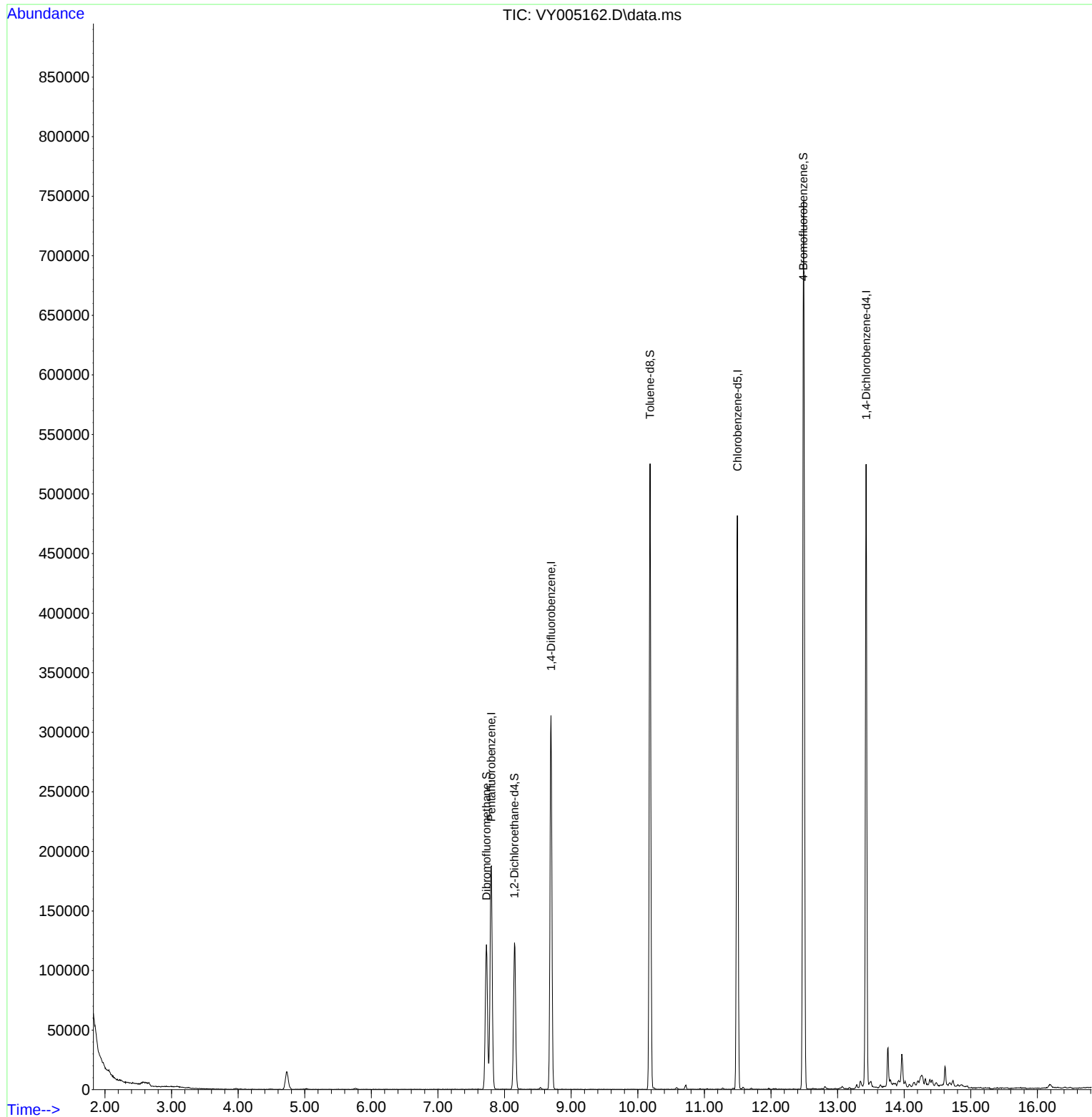
Target Compounds	Qvalue

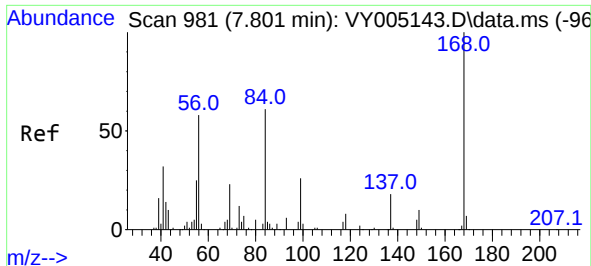
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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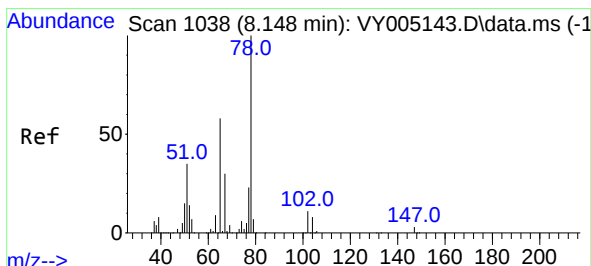
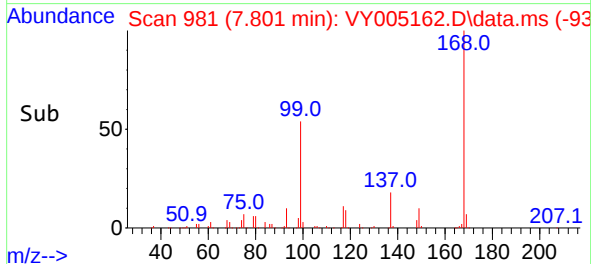
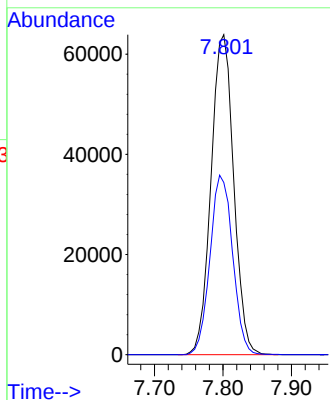
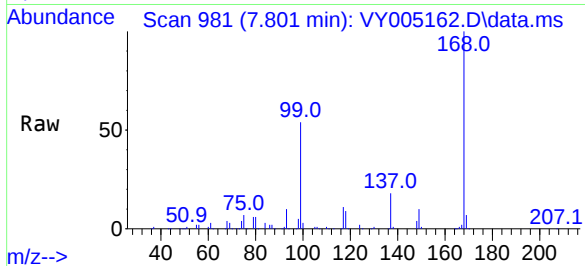




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

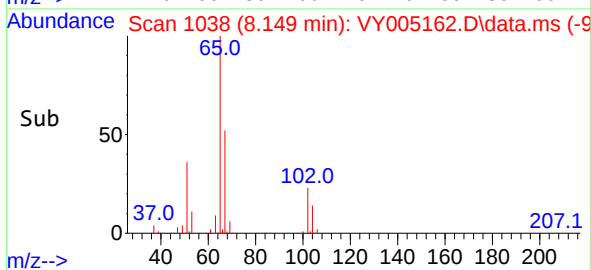
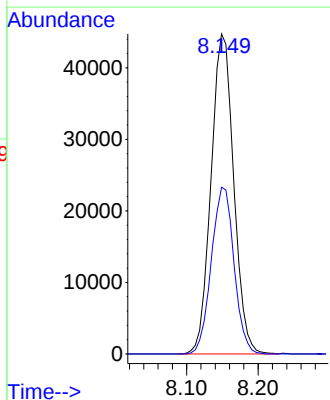
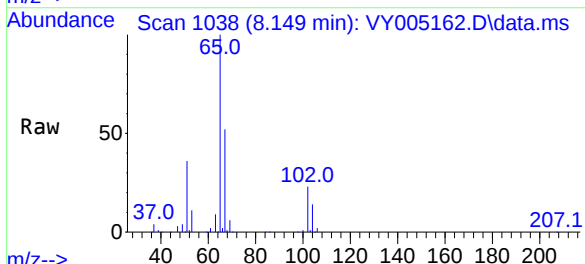
Instrument :
MSVOA_Y
ClientSampleId :
SB-5A

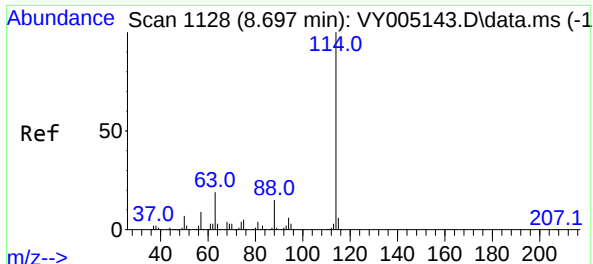
Tgt Ion:168 Resp: 146546
Ion Ratio Lower Upper
168 100
99 53.8 44.5 66.7



#33
1,2-Dichloroethane-d4
Concen: 69.464 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion: 65 Resp: 98426
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

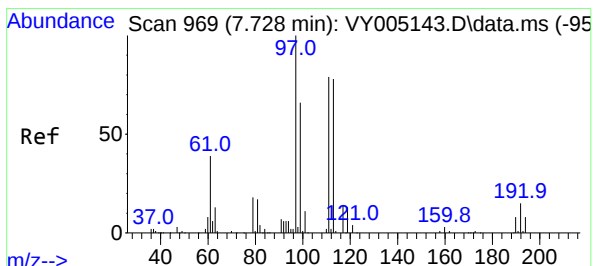
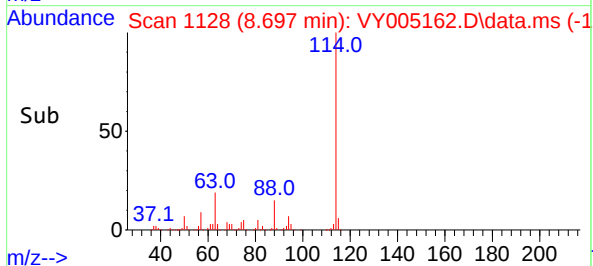
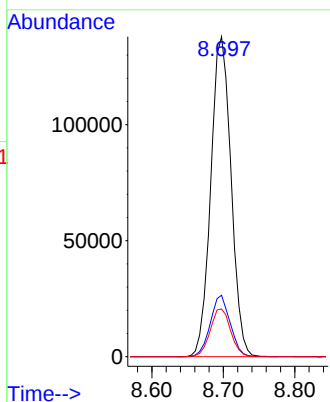
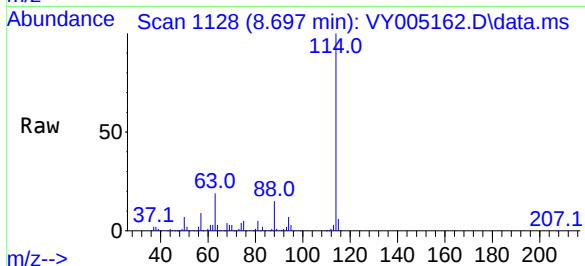




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

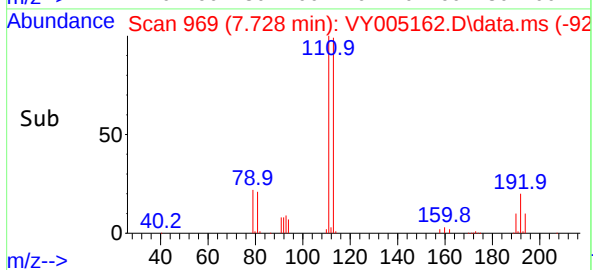
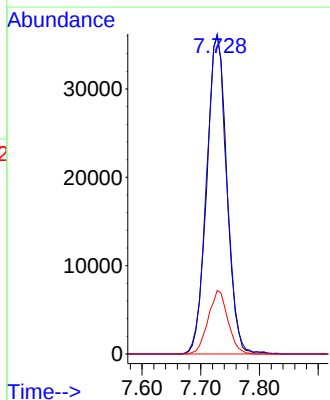
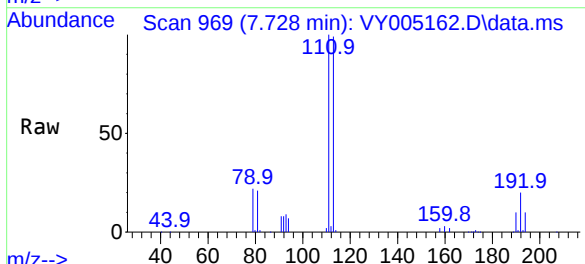
Instrument :
MSVOA_Y
ClientSampled :
SB-5A

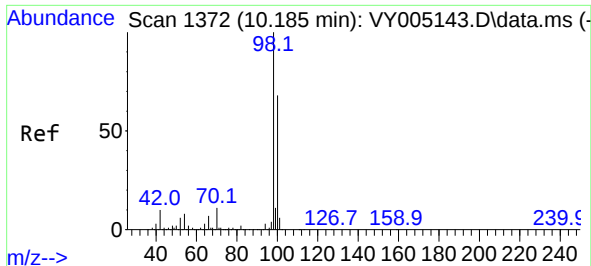
Tgt Ion:	114	Resp:	271201
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.6
88	14.9	0.0	29.6



#35
Dibromofluoromethane
Concen: 73.797 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion:	113	Resp:	85660
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.3	123.5
192	19.5	16.2	24.2

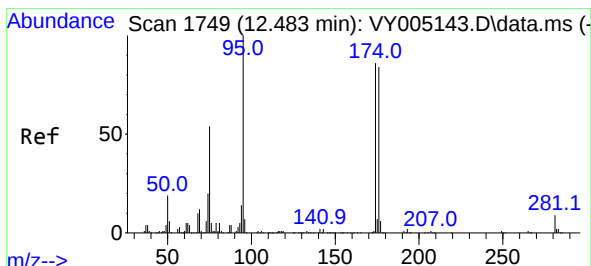
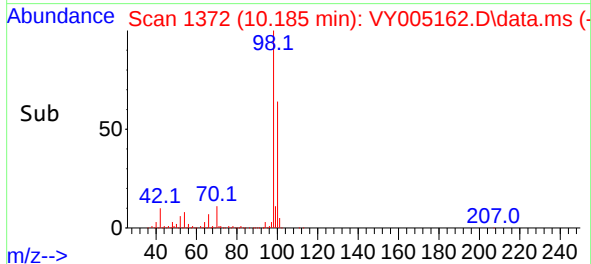
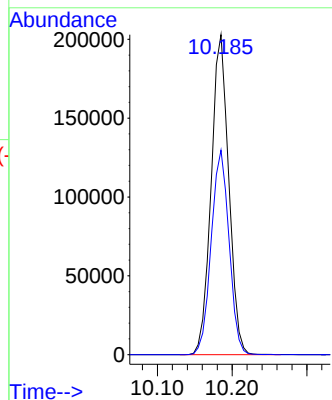
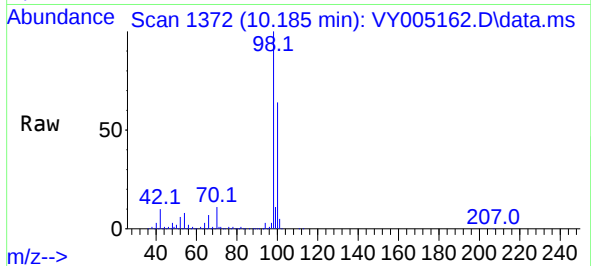




#50
Toluene-d8
Concen: 57.378 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

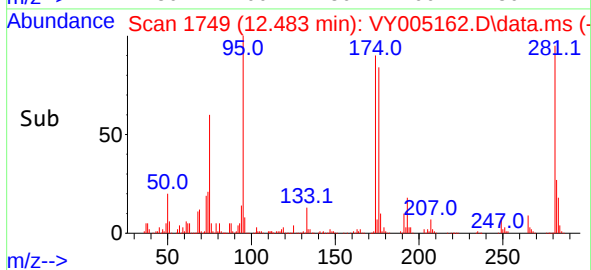
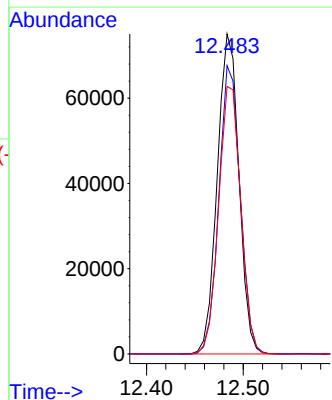
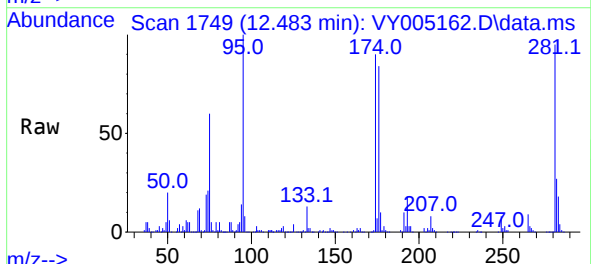
Instrument :
MSVOA_Y
ClientSampled :
SB-5A

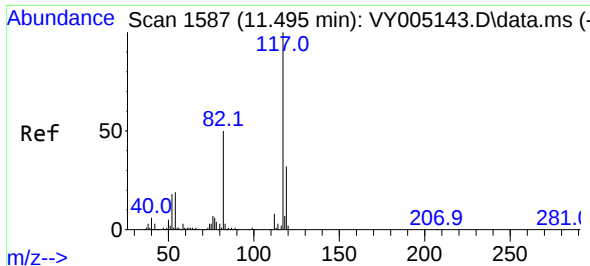
Tgt Ion: 98 Resp: 331516
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion: 95 Resp: 116503
Ion Ratio Lower Upper
95 100
174 88.7 0.0 179.2
176 85.6 0.0 174.0

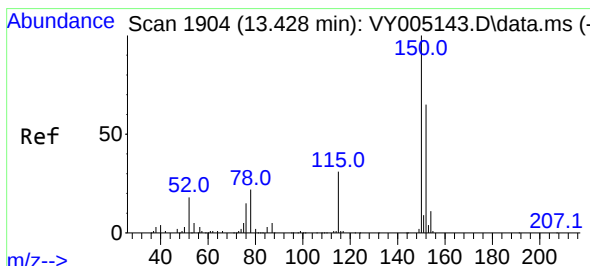
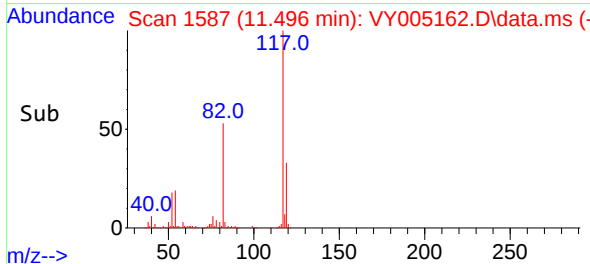
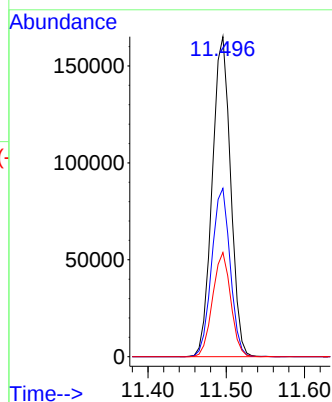
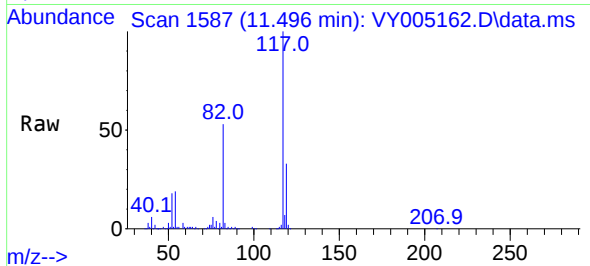




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Instrument :
MSVOA_Y
ClientSampleId :
SB-5A

Tgt Ion:117	Resp: 268986
Ion Ratio	Lower Upper
117 100	
82 52.6	39.8 59.6
119 32.5	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005162.D
Acq: 17 Jun 2021 17:20

Tgt Ion:152	Resp: 130293
Ion Ratio	Lower Upper
152 100	
115 57.4	29.5 88.6
150 157.5	0.0 348.2

