

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006266.D
 Acq On : 01 Oct 2021 17:16
 Operator : SY/MD
 Sample : M4035-11
 Misc : 5.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 218

Quant Time: Oct 02 02:14:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	119296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	197624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75415	59.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.120%
35) Dibromofluoromethane	7.728	113	56624	53.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.185	98	242801	54.947	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.900%
62) 4-Bromofluorobenzene	12.483	95	75711	50.436	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.880%

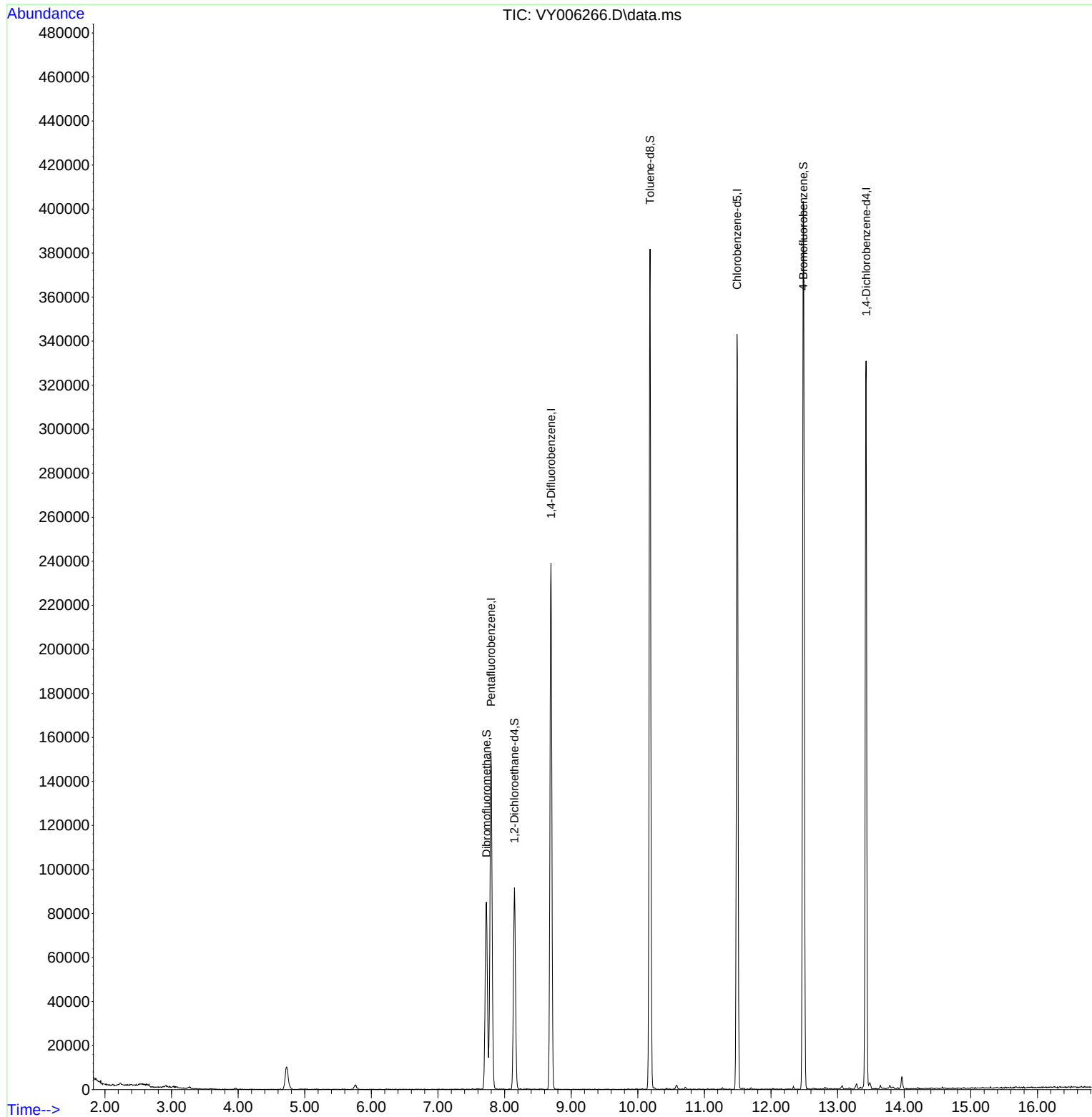
Target Compounds	Qvalue

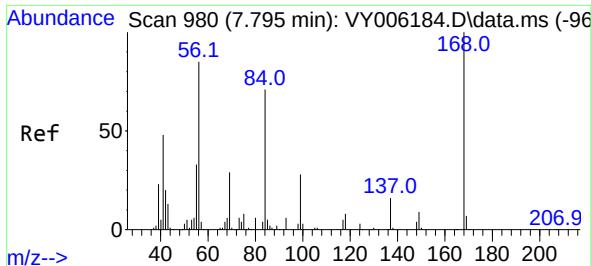
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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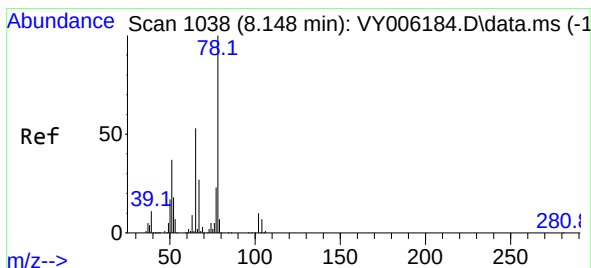
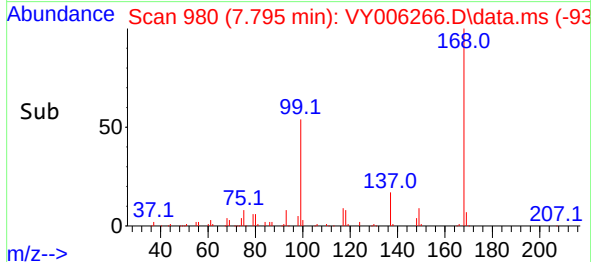
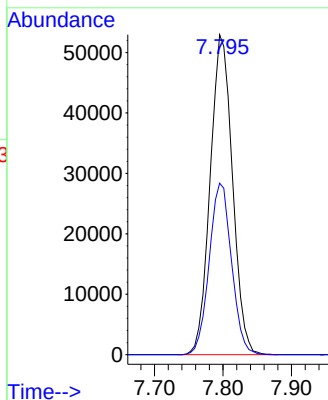
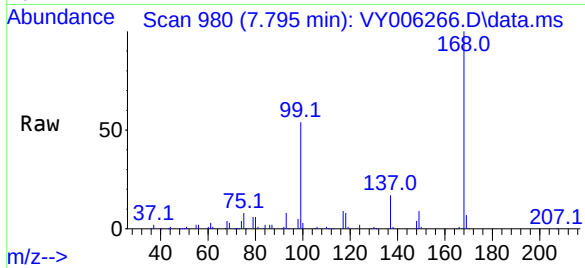




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006266.D
Acq: 01 Oct 2021 17:16

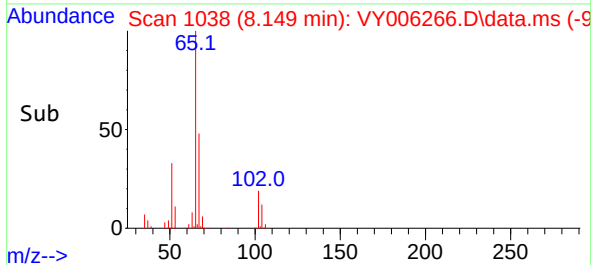
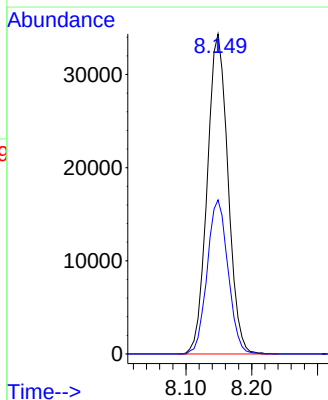
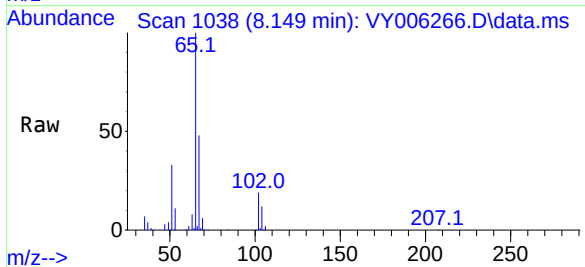
Instrument :
MSVOA_Y
ClientSampled :
218

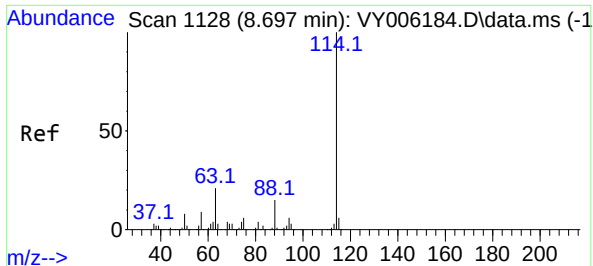
Tgt Ion:168 Resp: 119296
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.065 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006266.D
Acq: 01 Oct 2021 17:16

Tgt Ion: 65 Resp: 75415
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.4

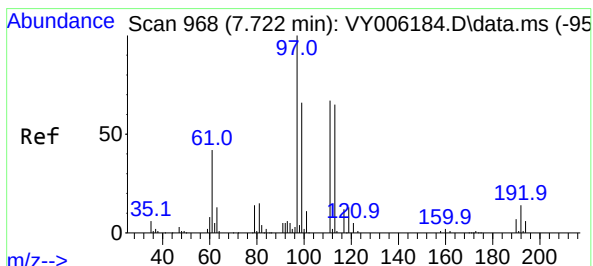
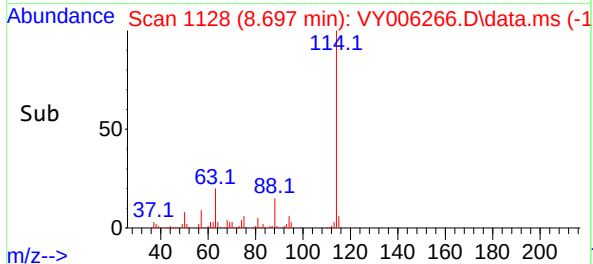
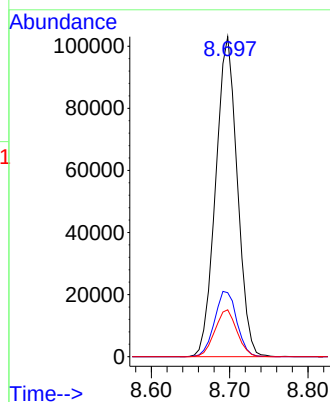
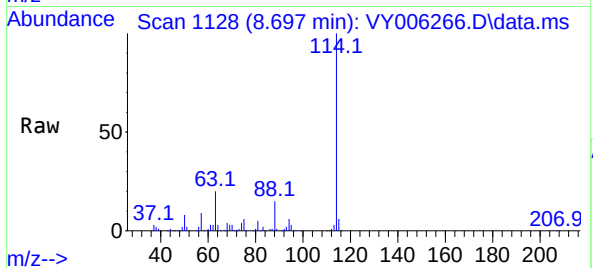




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006266.D
Acq: 01 Oct 2021 17:16

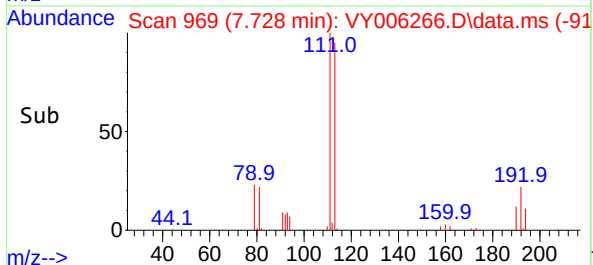
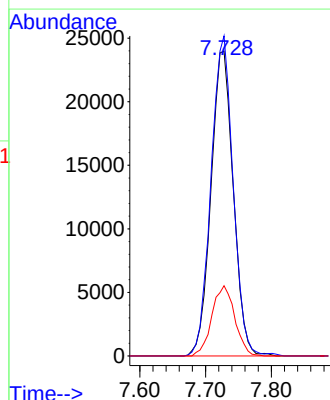
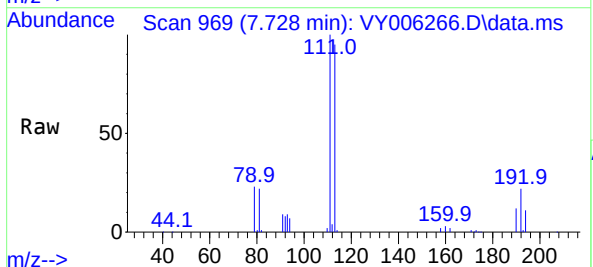
Instrument :
MSVOA_Y
ClientSampled :
218

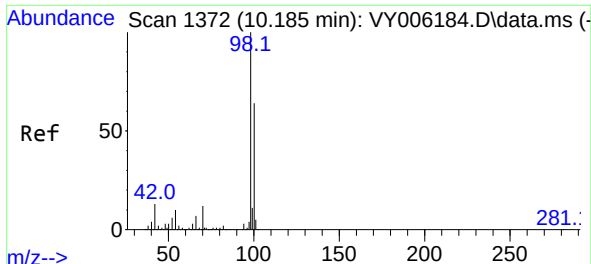
Tgt Ion:	114	Resp:	197624
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	43.2
88	14.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.630 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006266.D
Acq: 01 Oct 2021 17:16

Tgt Ion:	113	Resp:	56624
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	23.6	17.6	26.4

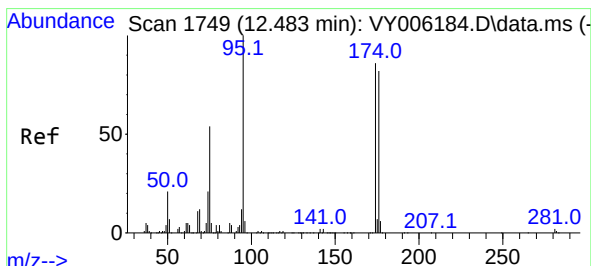
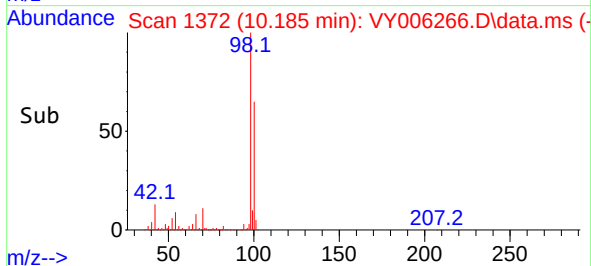
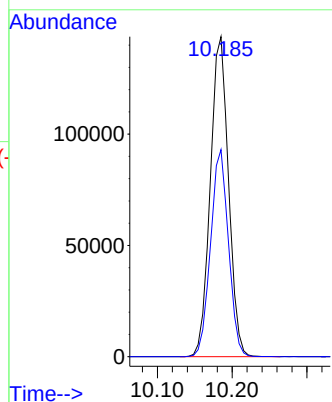
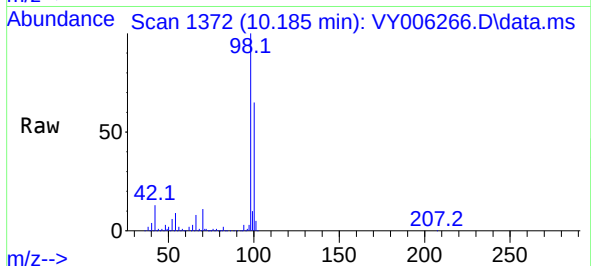




#50
Toluene-d8
Concen: 54.947 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006266.D
Acq: 01 Oct 2021 17:16

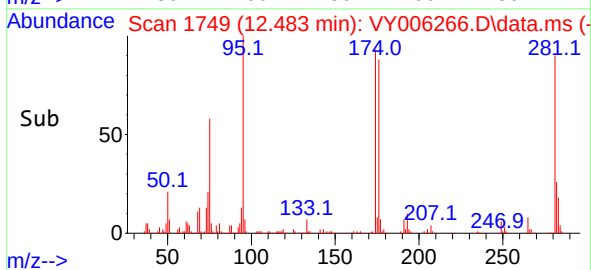
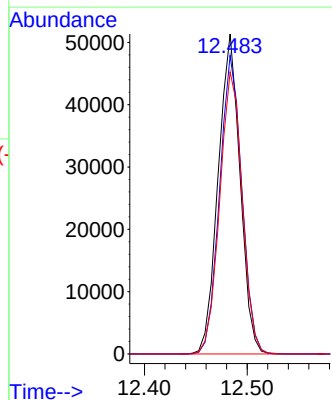
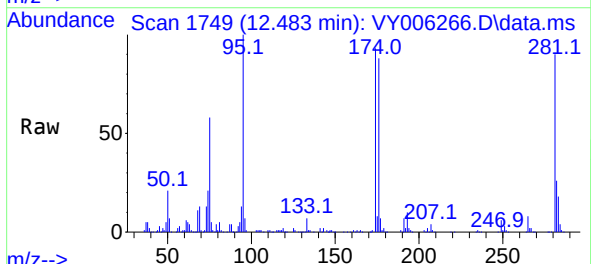
Instrument :
MSVOA_Y
ClientSampled :
218

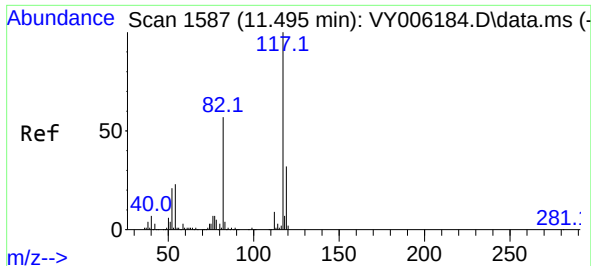
Tgt Ion: 98 Resp: 242801
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.436 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006266.D
Acq: 01 Oct 2021 17:16

Tgt Ion: 95 Resp: 75711
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 90.6 0.0 175.8

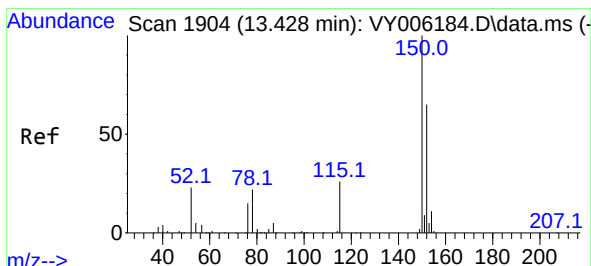
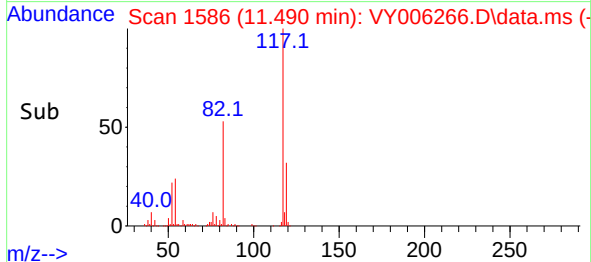
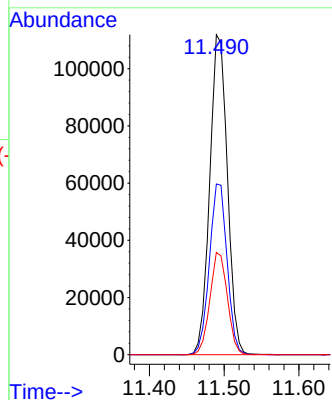
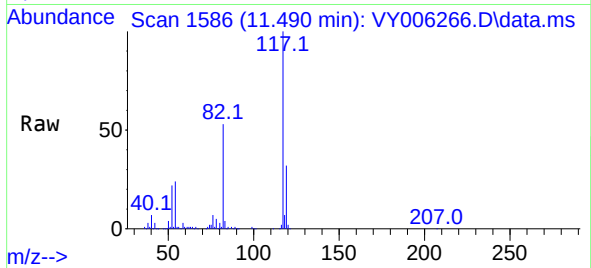




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006266.D
Acq: 01 Oct 2021 17:16

Instrument :
MSVOA_Y
ClientSampleId :
218

Tgt Ion:	117	Resp:	183404
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	31.9	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: VY006266.D
Acq: 01 Oct 2021 17:16

Tgt Ion:	152	Resp:	83067
Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	157.2	0.0	347.6

