

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006460.D
 Acq On : 25 Oct 2021 12:42
 Operator : SY/MD
 Sample : M4313-01
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124027

Quant Time: Oct 26 02:42:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	64339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	103763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	87856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39125	49.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.722	113	29753	51.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.900%
50) Toluene-d8	10.185	98	129960	53.008	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.020%
62) 4-Bromofluorobenzene	12.483	95	33372	40.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.820%

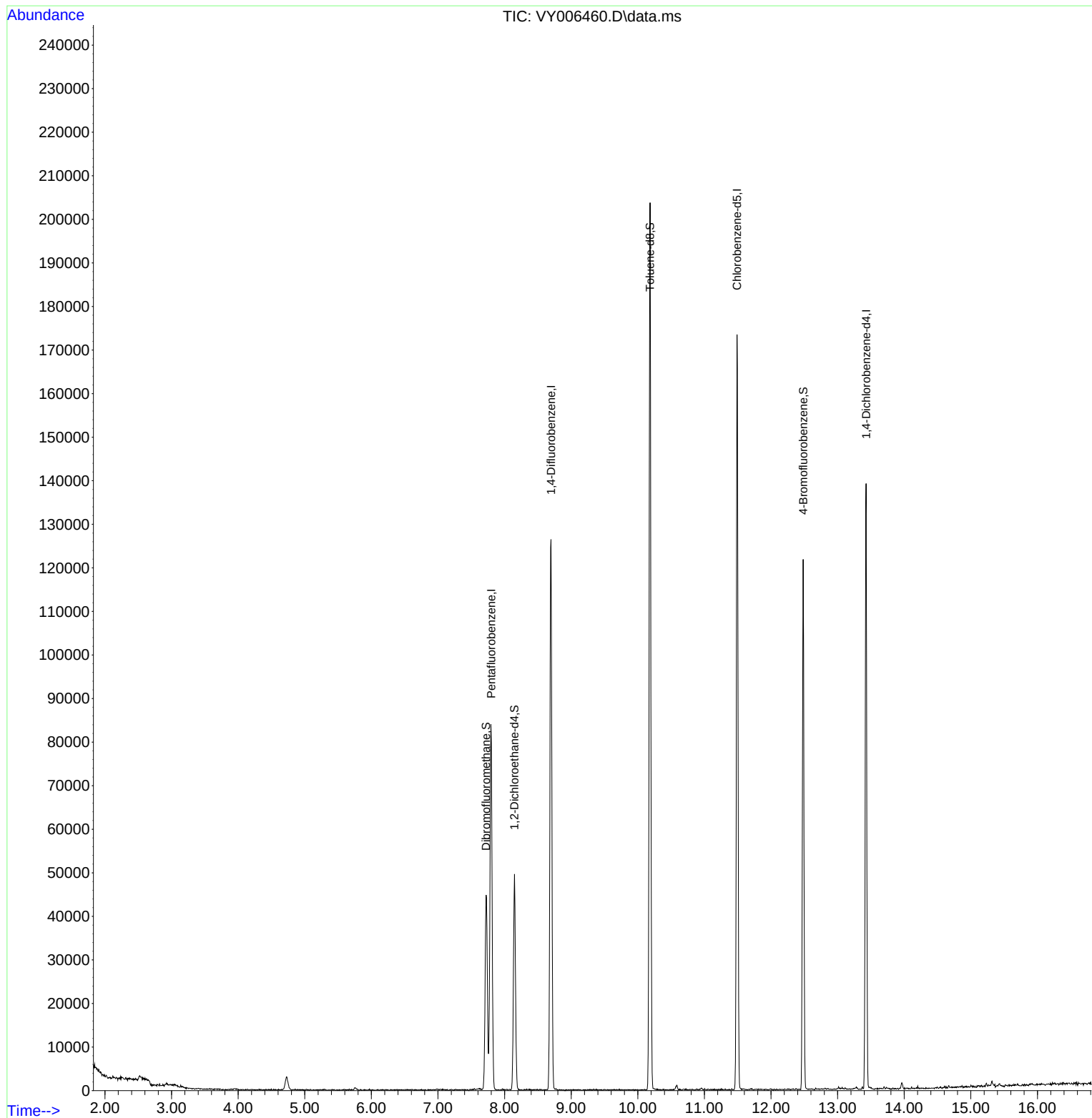
Target Compounds	Qvalue

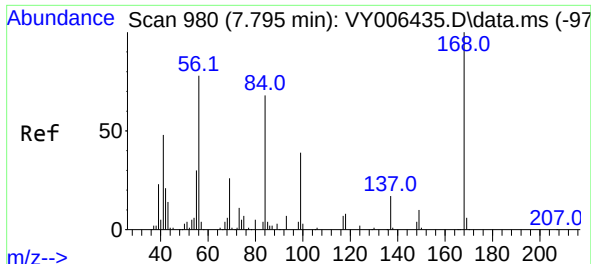
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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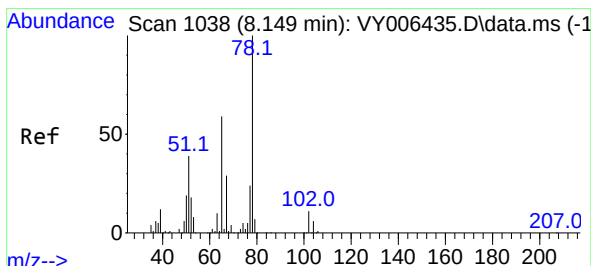
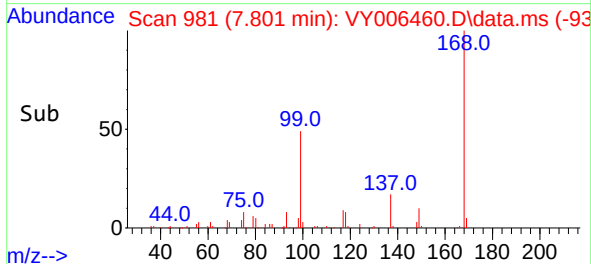
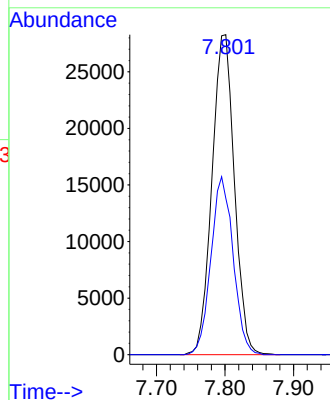
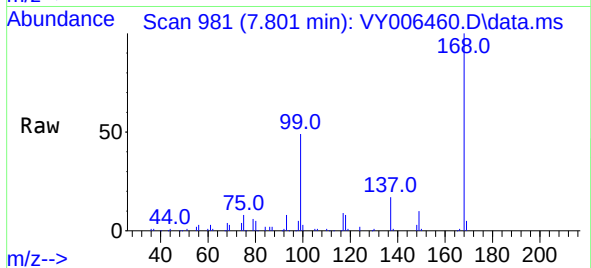




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

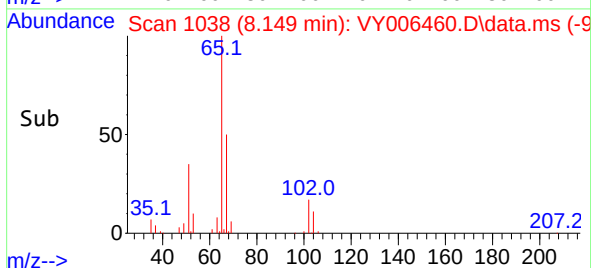
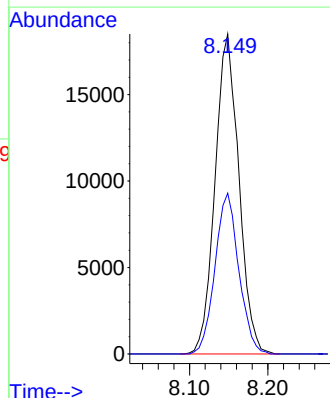
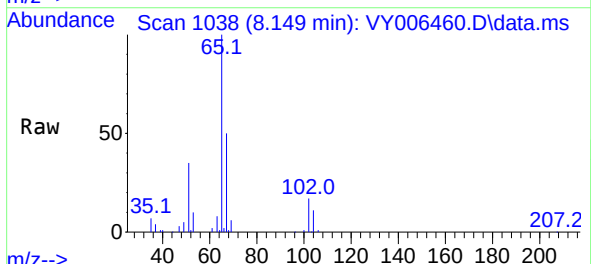
Instrument :
MSVOA_Y
ClientSampleId :
124027

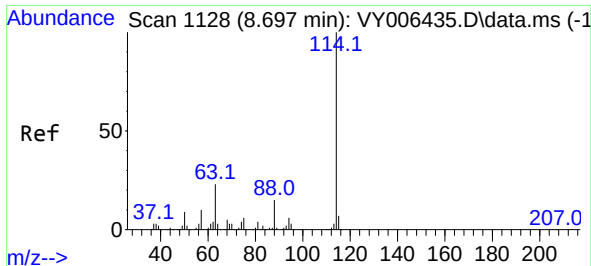
Tgt Ion:168 Resp: 64339
Ion Ratio Lower Upper
168 100
99 48.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 49.417 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Tgt Ion: 65 Resp: 39125
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.2



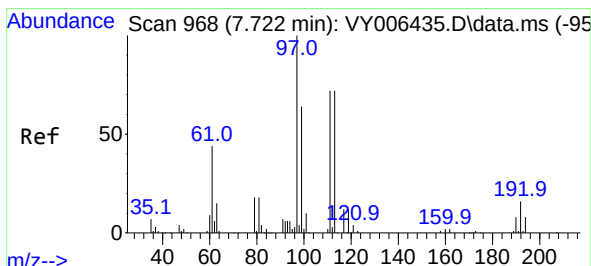
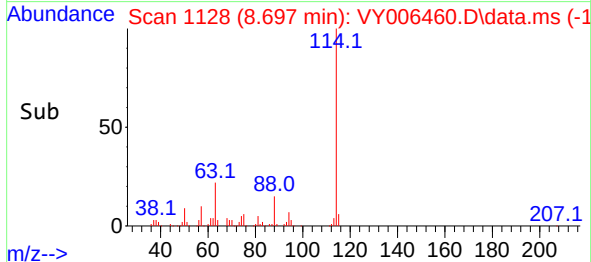
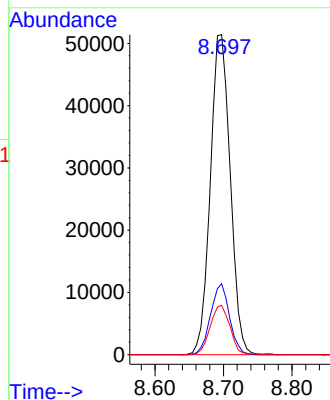
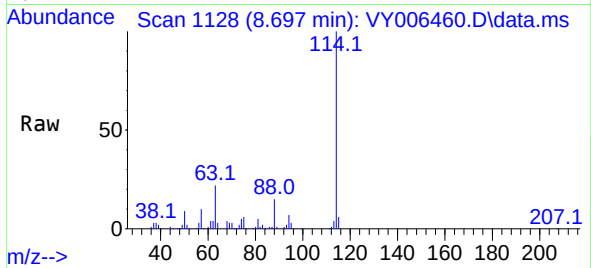


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Instrument :
MSVOA_Y
ClientSampleId :
124027

Tgt Ion:114 Resp: 103763

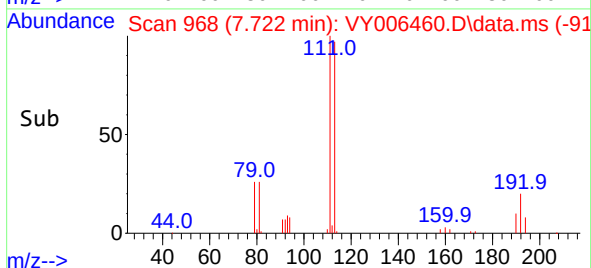
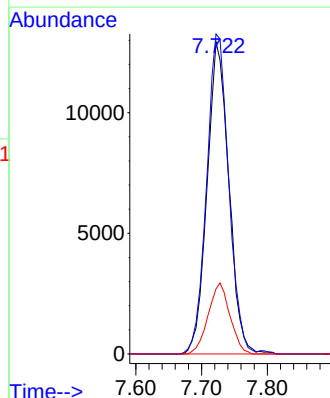
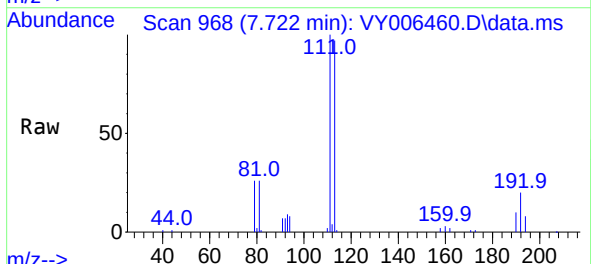
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.0
88	15.4	0.0	30.6

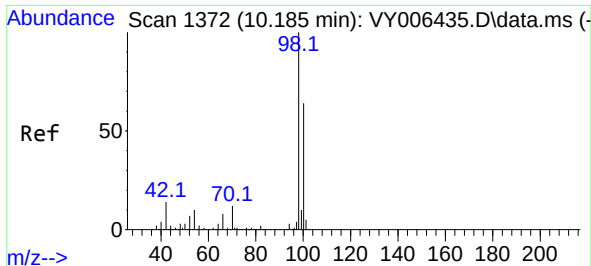


#35
Dibromofluoromethane
Concen: 51.445 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Tgt Ion:113 Resp: 29753

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.3	123.5
192	22.7	17.4	26.2

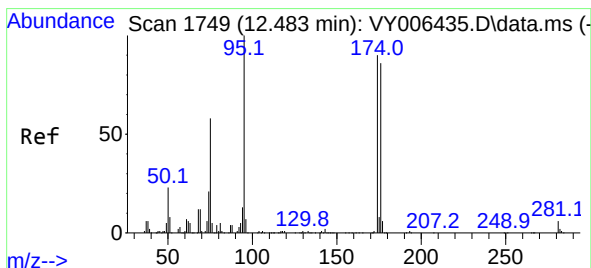
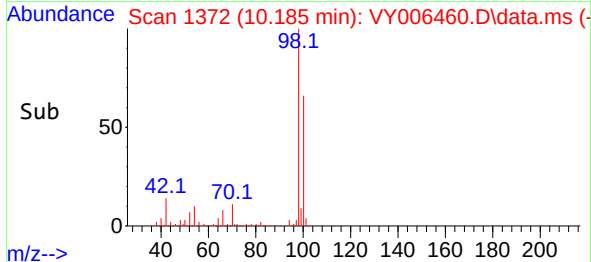
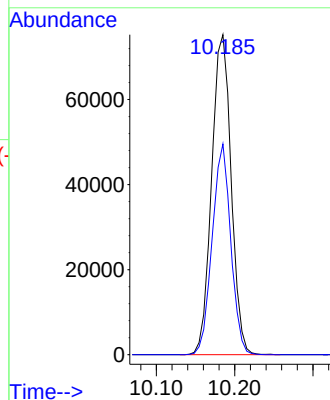
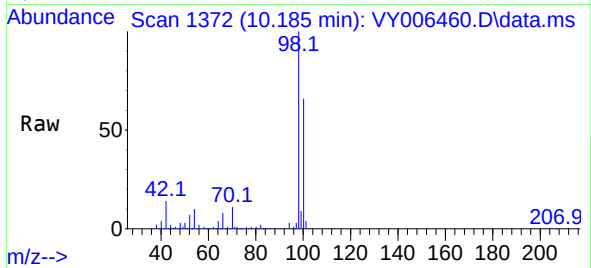




#50
Toluene-d8
Concen: 53.008 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

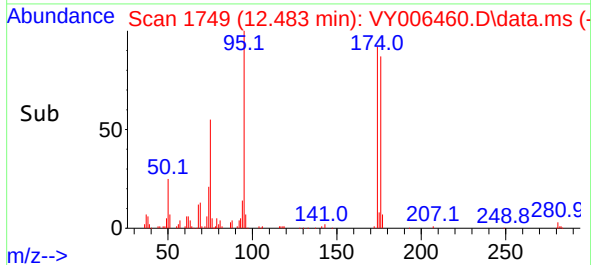
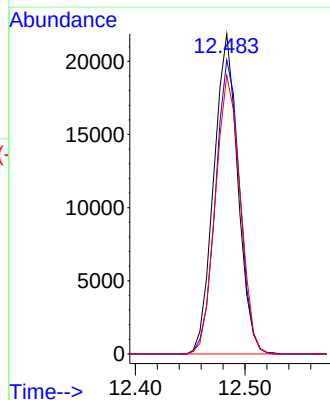
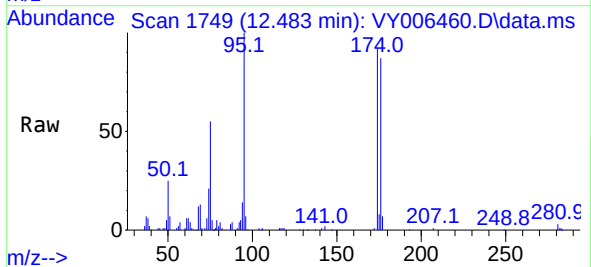
Instrument :
MSVOA_Y
ClientSampleId :
124027

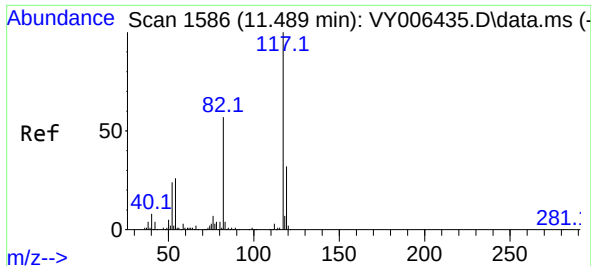
Tgt Ion: 98 Resp: 129960
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 40.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Tgt Ion: 95 Resp: 33372
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 89.7 0.0 169.4

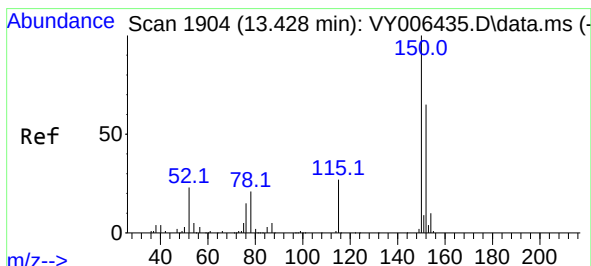
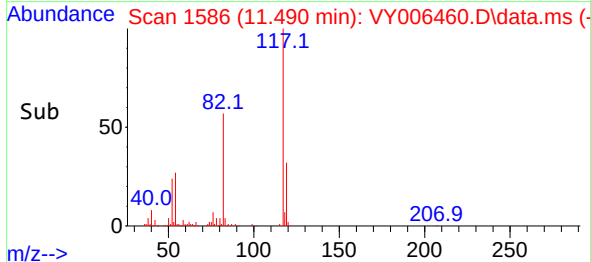
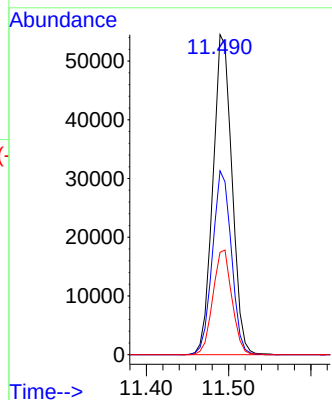
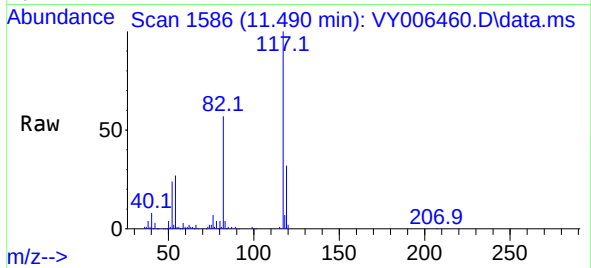




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Instrument :
MSVOA_Y
ClientSampleId :
124027

Tgt Ion:	117	Resp:	87856
Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.7	68.5
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Tgt Ion:	152	Resp:	34224
Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.5	85.5
150	157.2	0.0	348.2

