

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005475.D
 Acq On : 27 Jul 2021 19:20
 Operator : SY/MD
 Sample : M3165-02
 Misc : 5.70G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Jul 28 02:36:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	131544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83803	59.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.260%
35) Dibromofluoromethane	7.728	113	64065	52.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.600%
50) Toluene-d8	10.185	98	271206	52.236	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.483	95	93409	54.511	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.020%

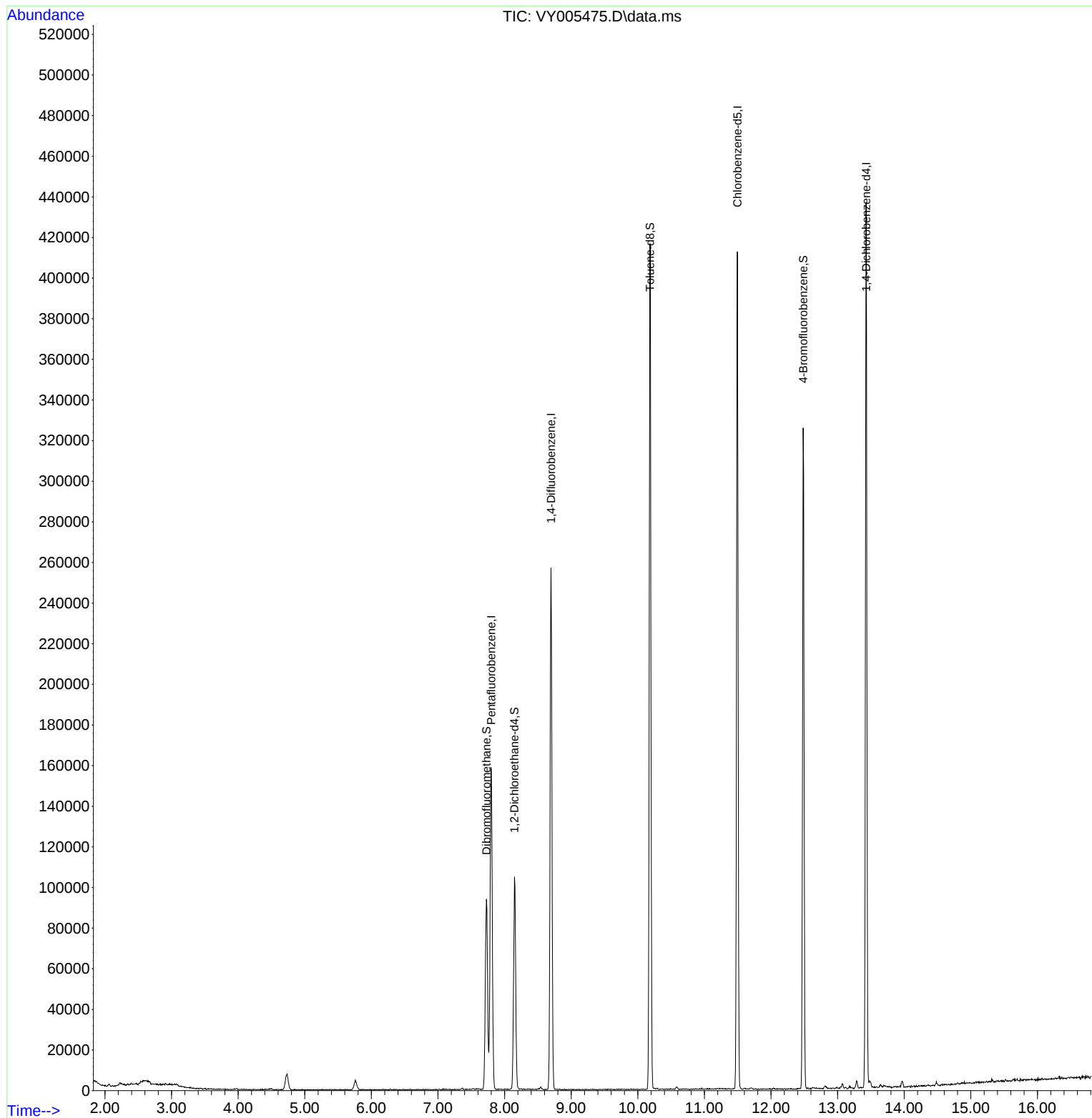
Target Compounds	Qvalue

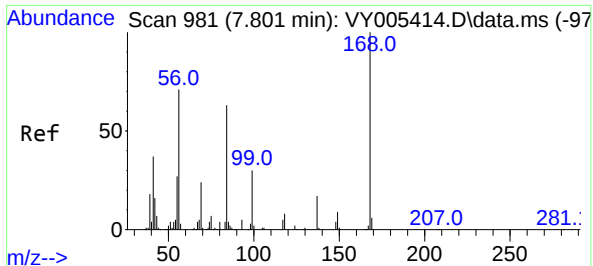
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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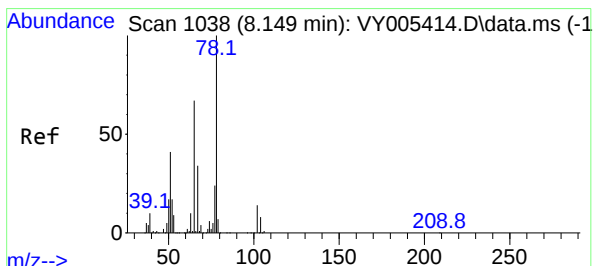
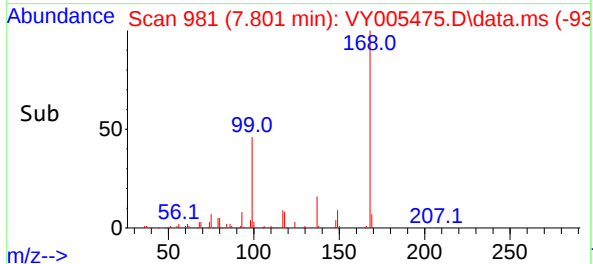
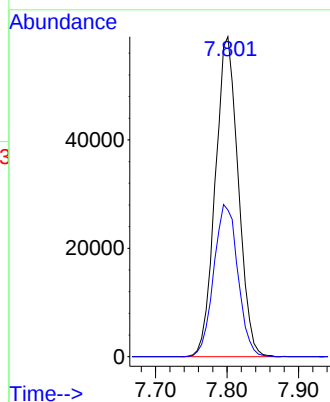
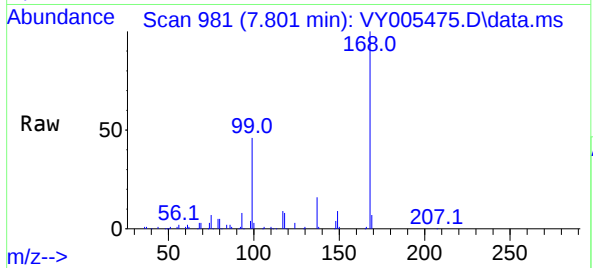




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

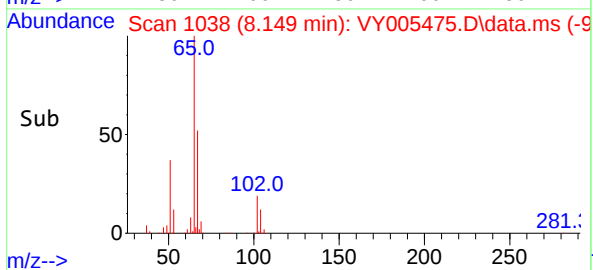
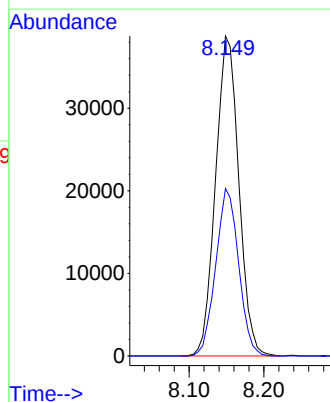
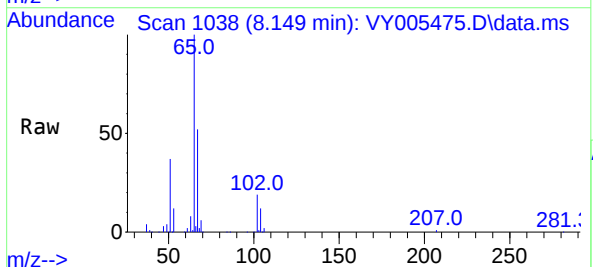
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

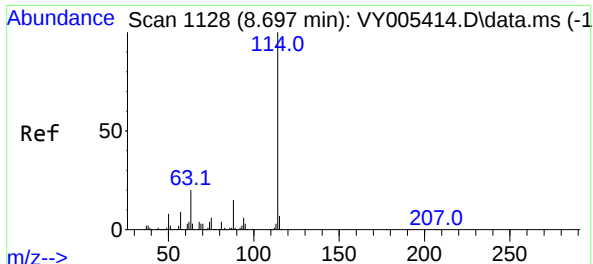
Tgt Ion:168 Resp: 131544
Ion Ratio Lower Upper
168 100
99 45.9 39.8 59.6



#33
1,2-Dichloroethane-d4
Concen: 59.632 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Tgt Ion: 65 Resp: 83803
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2

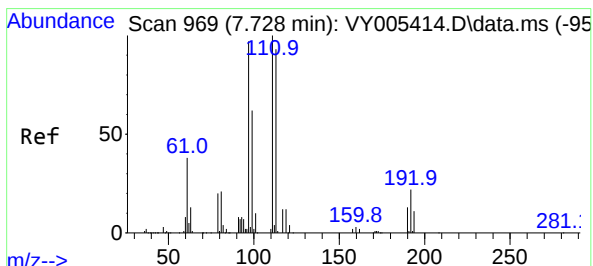
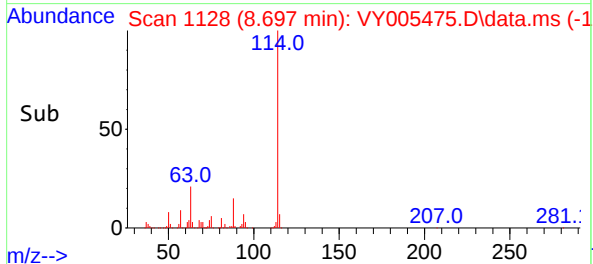
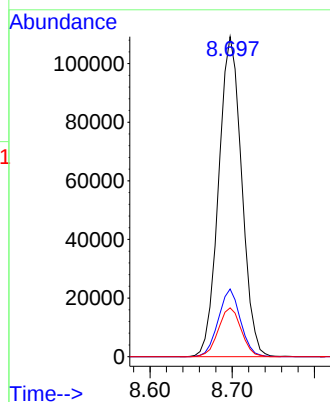
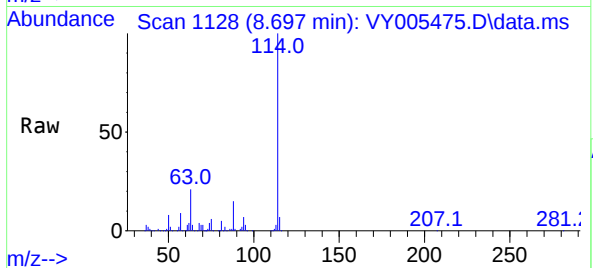




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

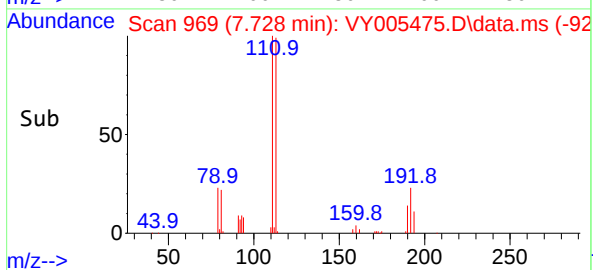
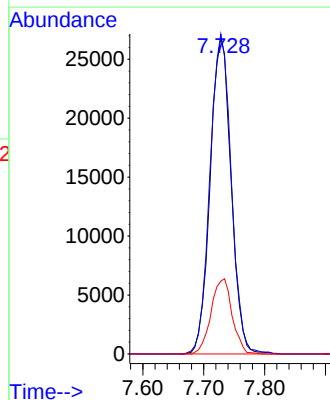
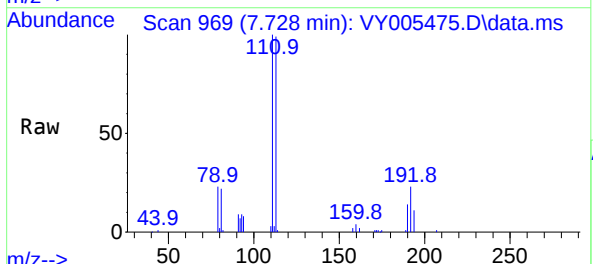
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

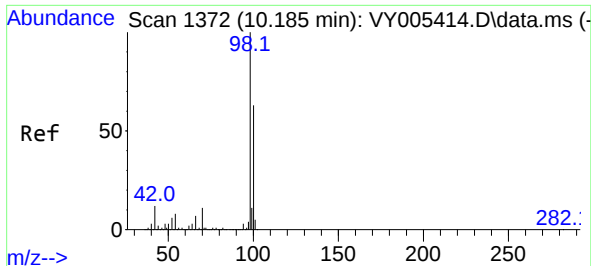
Tgt Ion:	114	Resp:	212153
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.0
88	15.3	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.298 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Tgt Ion:	113	Resp:	64065
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	23.9	18.9	28.3

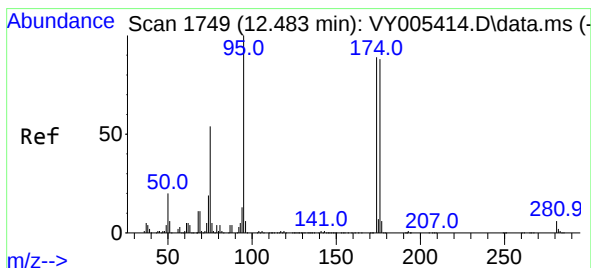
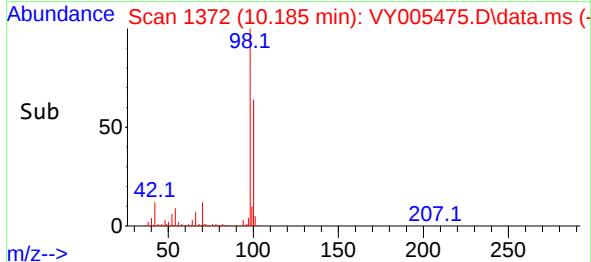
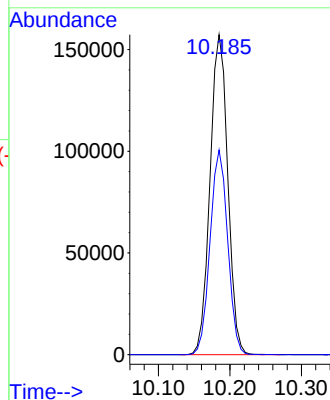
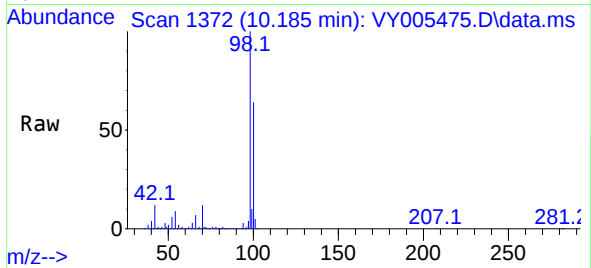




#50
Toluene-d8
Concen: 52.236 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

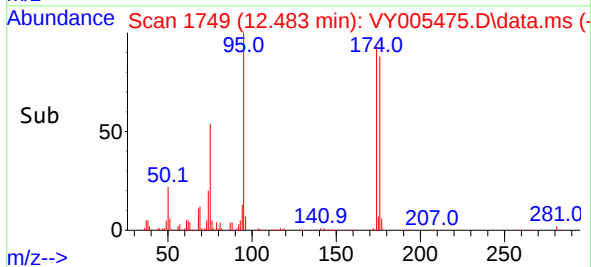
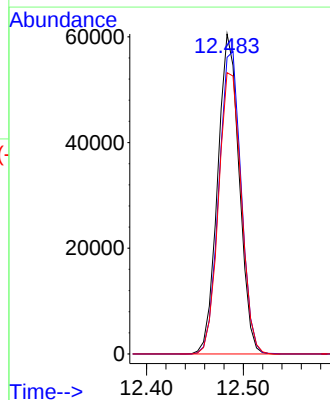
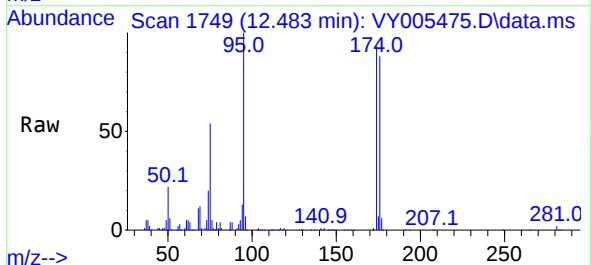
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

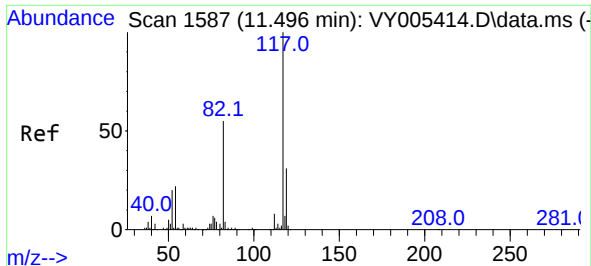
Tgt Ion: 98 Resp: 271206
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.511 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Tgt Ion: 95 Resp: 93409
Ion Ratio Lower Upper
95 100
174 97.2 0.0 186.6
176 92.5 0.0 182.4

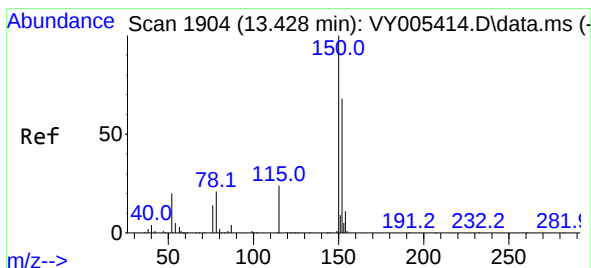
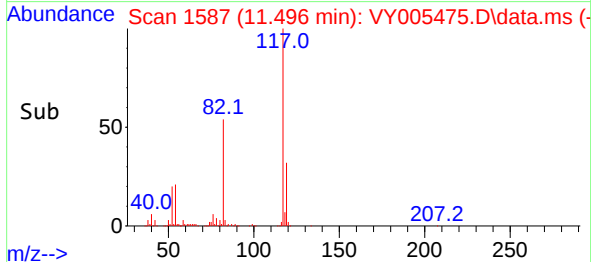
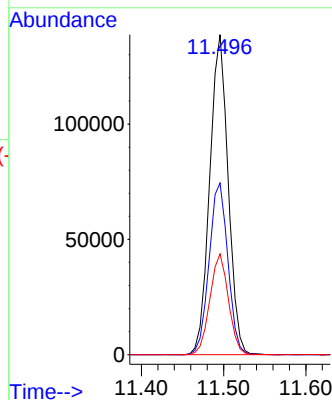
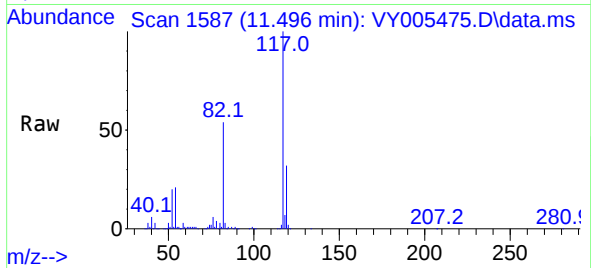




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:	117	Resp:	216252
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.8	65.6
119	31.5	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005475.D
Acq: 27 Jul 2021 19:20

Tgt Ion:	152	Resp:	111104
Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.7	83.1
150	155.7	0.0	349.6

