

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005476.D
 Acq On : 27 Jul 2021 19:43
 Operator : SY/MD
 Sample : M3165-03
 Misc : 5.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Jul 28 02:36:53 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	194326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	324450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	335983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130180	62.705	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.420%
35) Dibromofluoromethane	7.728	113	100491	53.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.280%
50) Toluene-d8	10.185	98	419259	52.802	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.600%
62) 4-Bromofluorobenzene	12.483	95	151186	57.691	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.380%

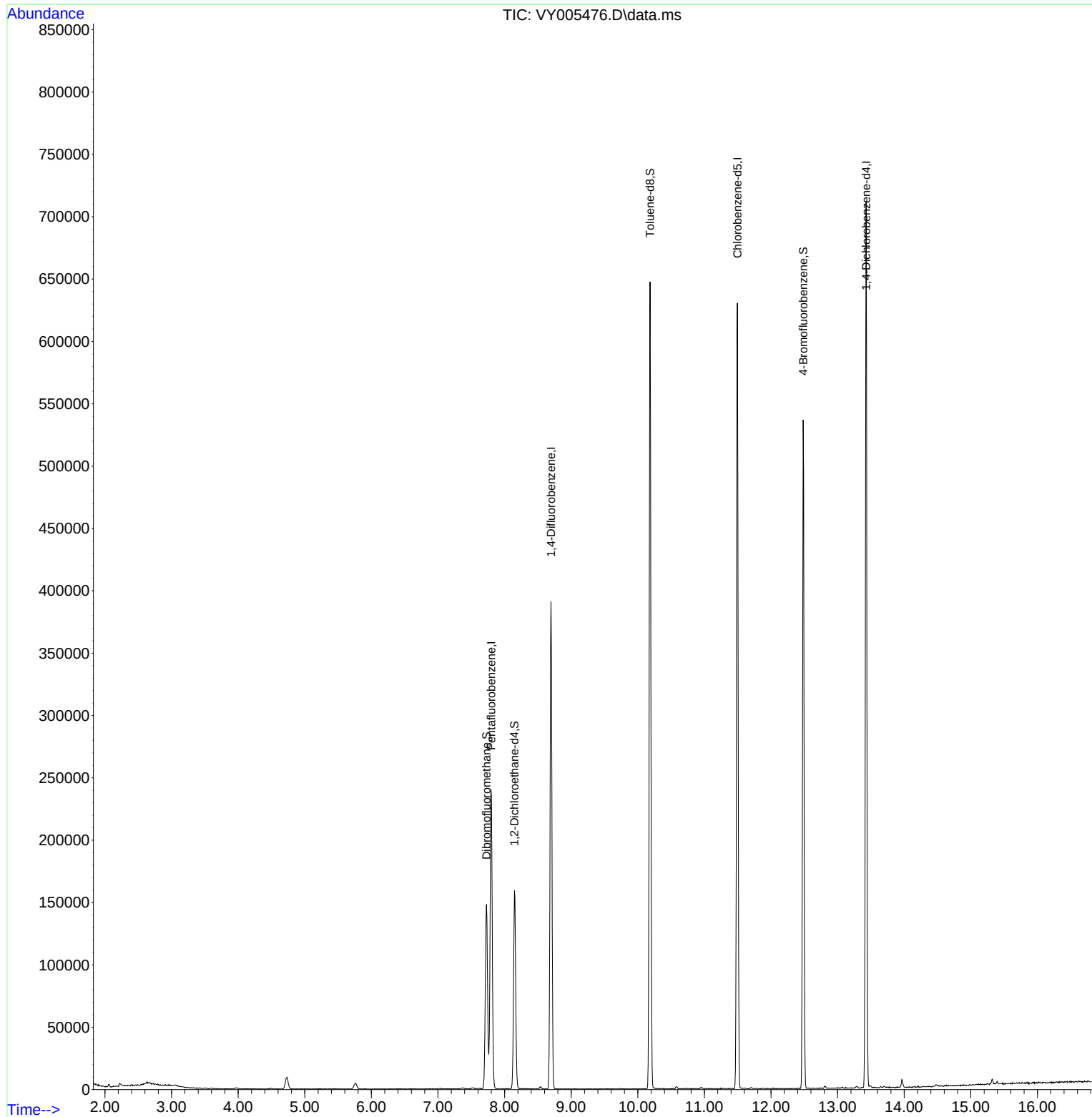
Target Compounds	Qvalue

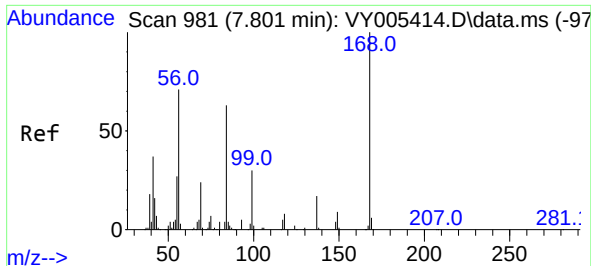
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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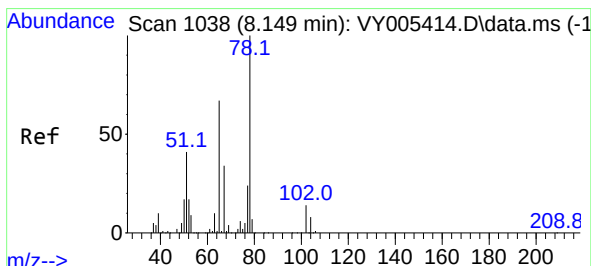
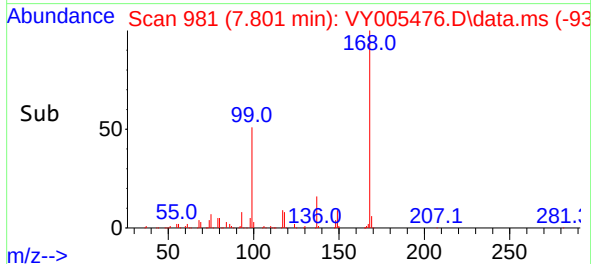
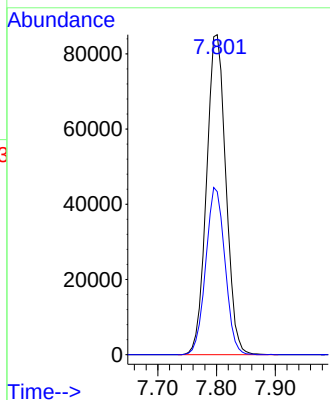
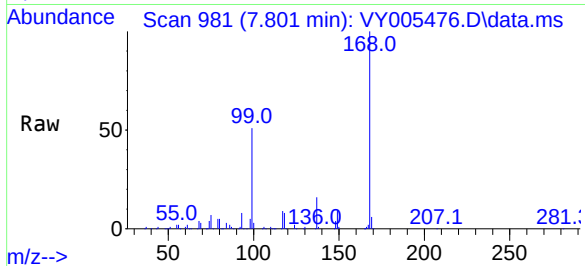




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

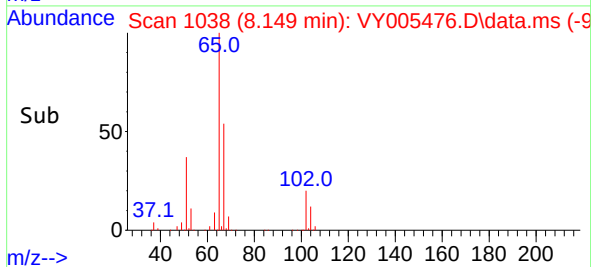
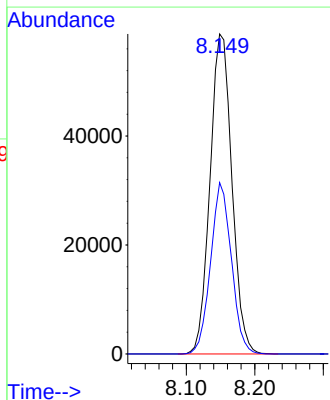
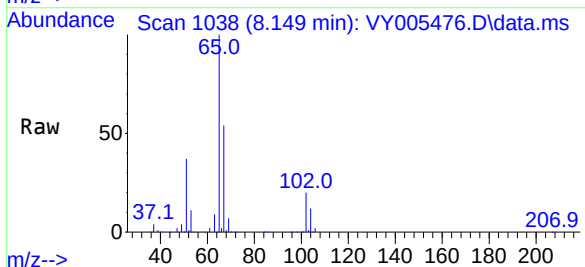
Instrument :
MSVOA_Y
ClientSampled :
COMP-3

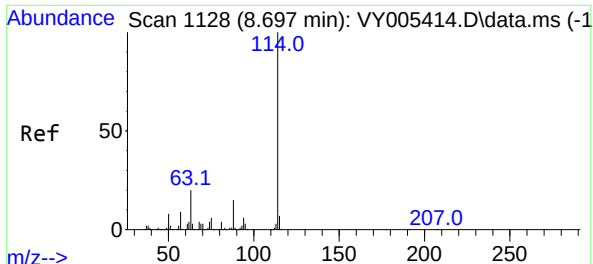
Tgt Ion:168 Resp: 194326
Ion Ratio Lower Upper
168 100
99 51.0 39.8 59.6



#33
1,2-Dichloroethane-d4
Concen: 62.705 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Tgt Ion: 65 Resp: 130180
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2



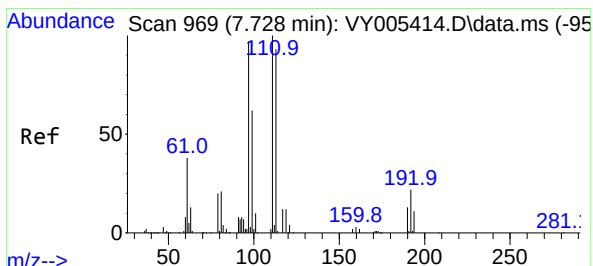
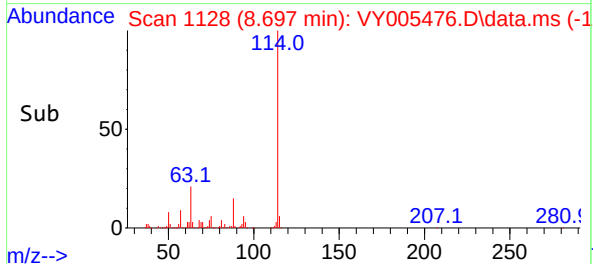
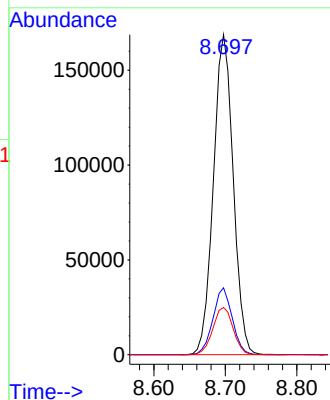
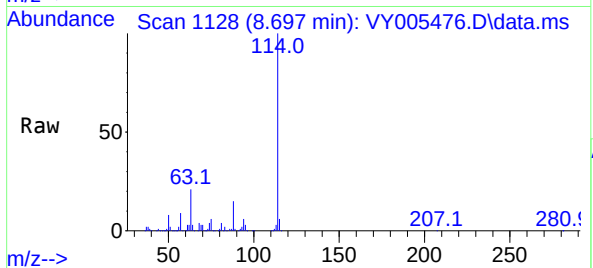


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

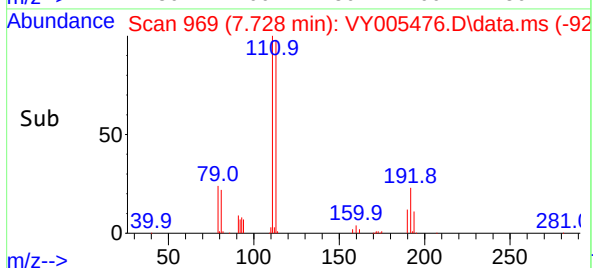
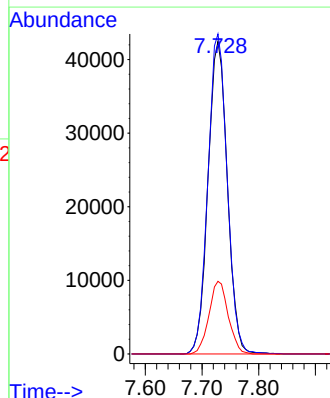
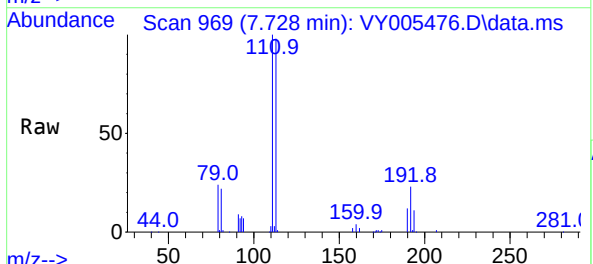
Tgt Ion:	114	Resp:	324450
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.0
88	14.8	0.0	30.8

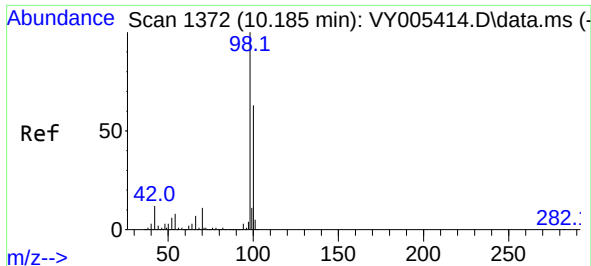


#35

Dibromofluoromethane
Concen: 53.641 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Tgt Ion:	113	Resp:	100491
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	23.2	18.9	28.3

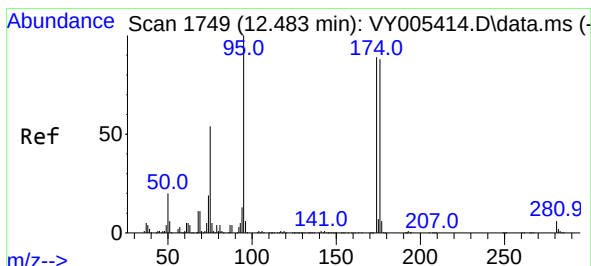
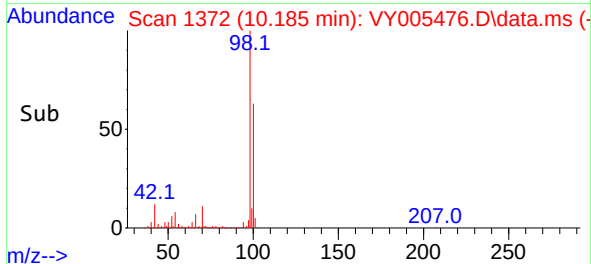
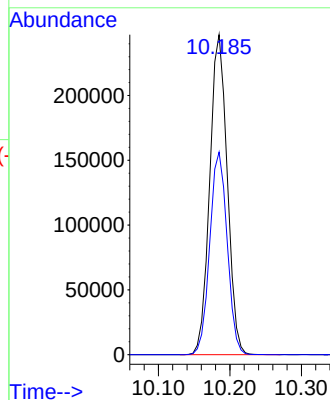
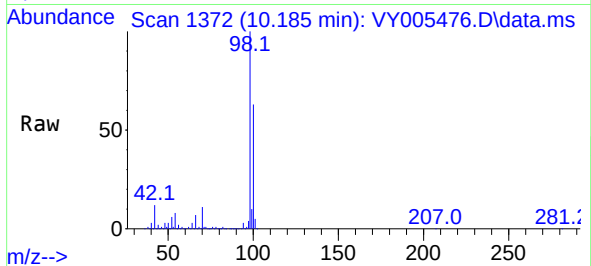




#50
Toluene-d8
Concen: 52.802 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

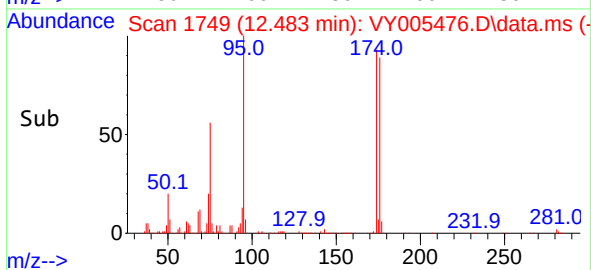
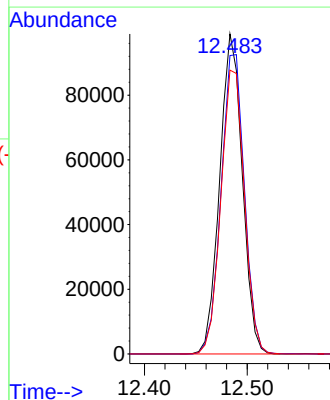
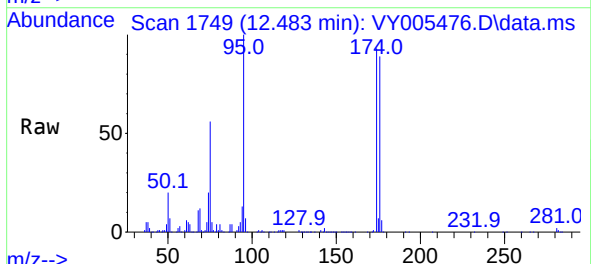
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

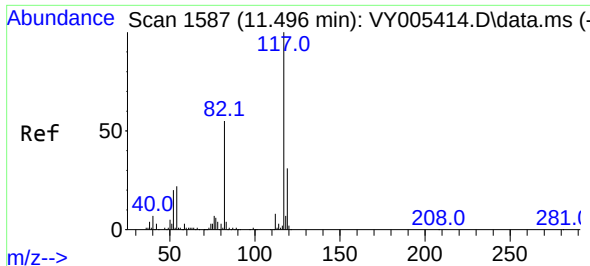
Tgt Ion: 98 Resp: 419259
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 57.691 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Tgt Ion: 95 Resp: 151186
Ion Ratio Lower Upper
95 100
174 96.4 0.0 186.6
176 92.1 0.0 182.4



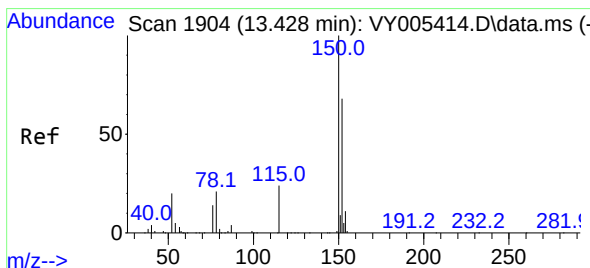
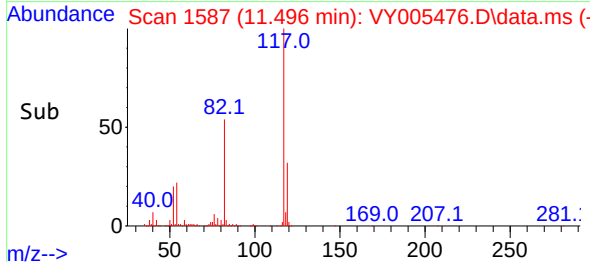
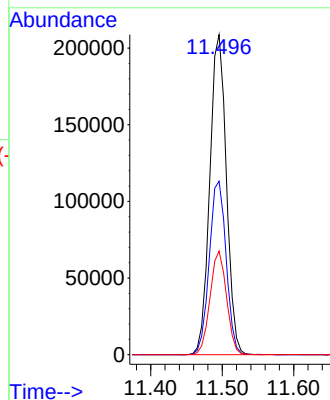
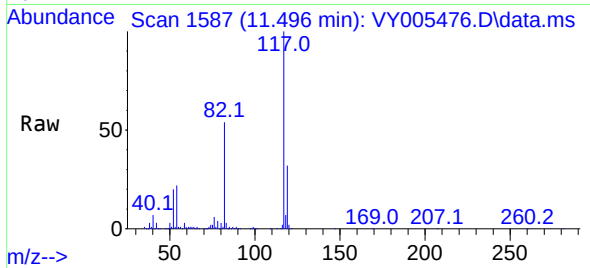


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 335983

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.8	65.6
119	32.3	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: VY005476.D
Acq: 27 Jul 2021 19:43

Tgt Ion:152 Resp: 179308

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.7	83.1
150	156.4	0.0	349.6

