

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005669.D
 Acq On : 16 Aug 2021 14:45
 Operator : SY/MD
 Sample : M3407-19RE
 Misc : 7.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 28NRE

Quant Time: Aug 17 05:19:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

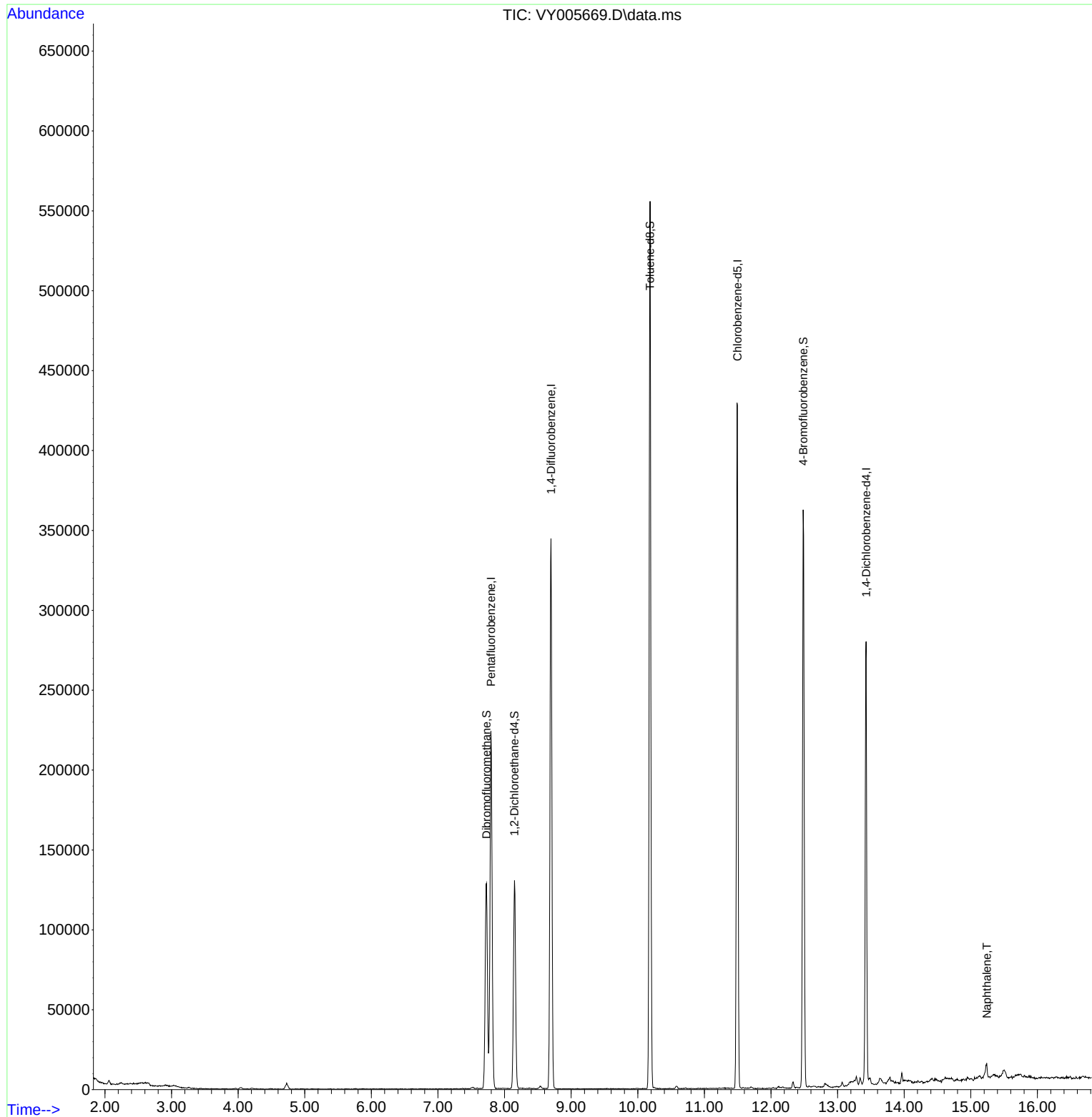
Internal Standards						
1) Pentafluorobenzene	7.795	168	175094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	289876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	229675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106223	59.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.860%
35) Dibromofluoromethane	7.728	113	87289	53.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.560%
50) Toluene-d8	10.185	98	352273	51.755	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.483	95	79916	35.456	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.920%
Target Compounds						
95) Naphthalene	15.239	128	5293	1.892	ug/l	Qvalue # 95

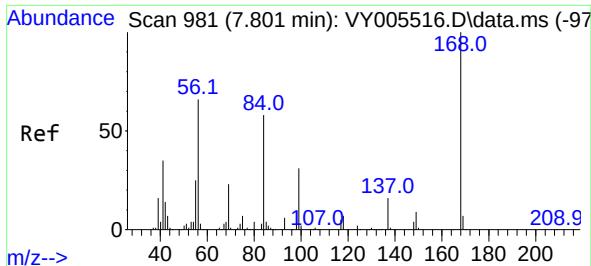
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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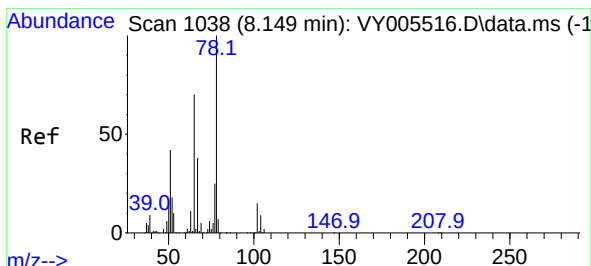
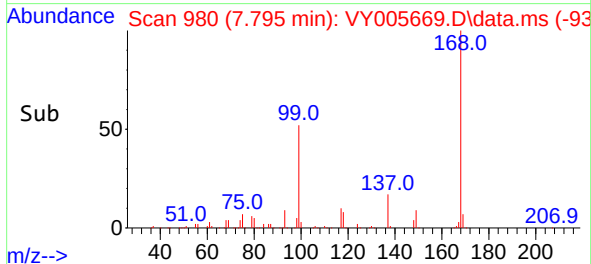
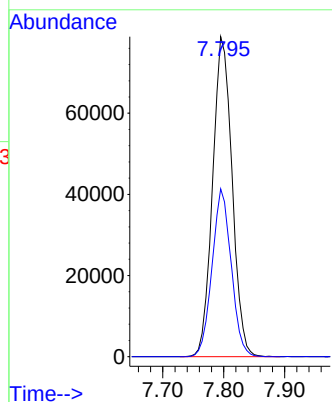
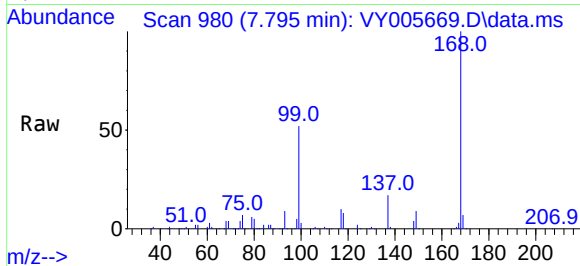




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

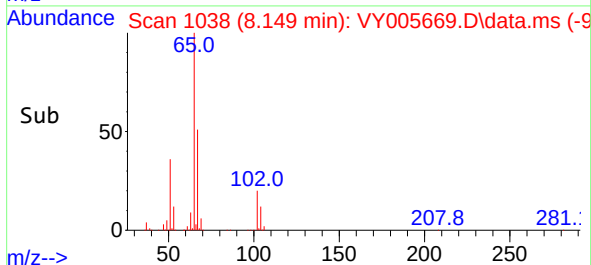
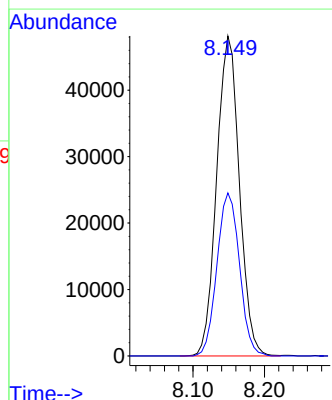
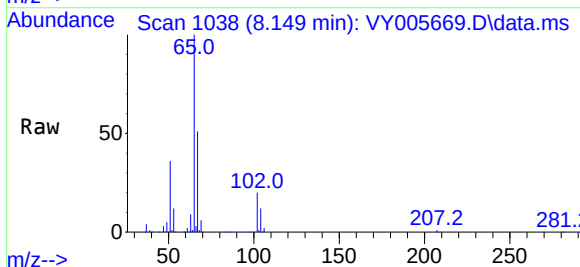
Instrument :
MSVOA_Y
ClientSampleId :
28NRE

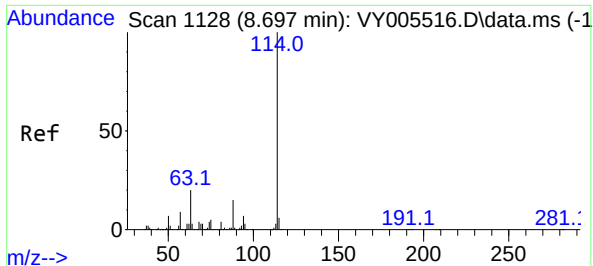
Tgt Ion:168 Resp: 175094
Ion Ratio Lower Upper
168 100
99 52.4 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 59.932 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Tgt Ion: 65 Resp: 106223
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4

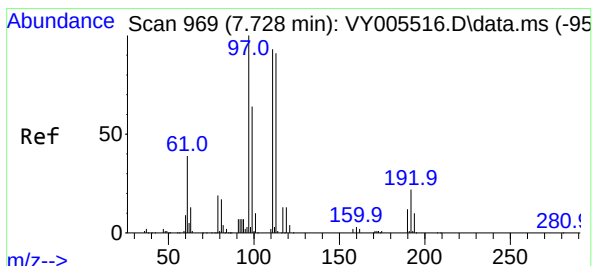
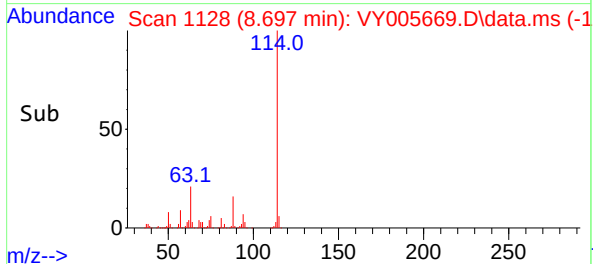
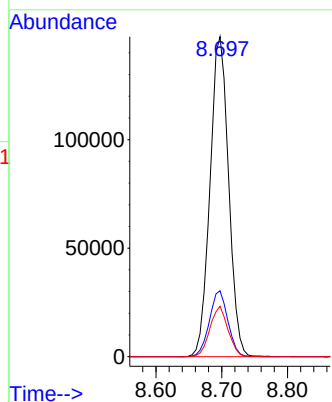
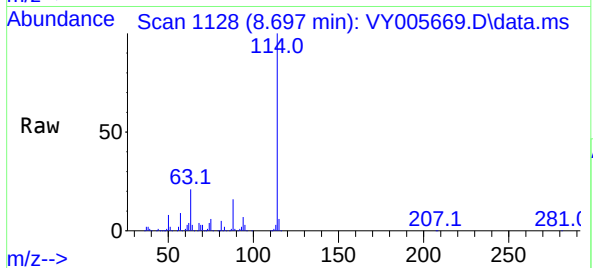




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

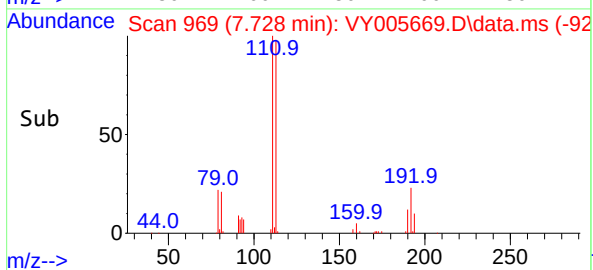
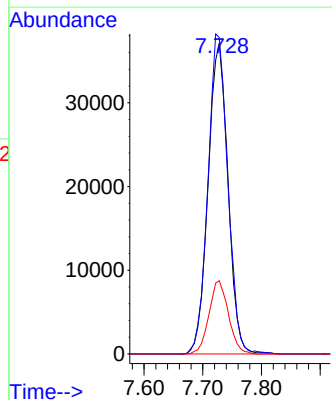
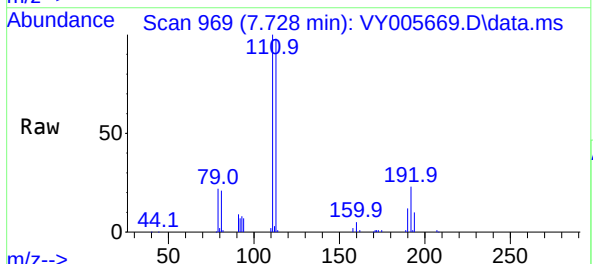
Instrument :
MSVOA_Y
ClientSampleId :
28NRE

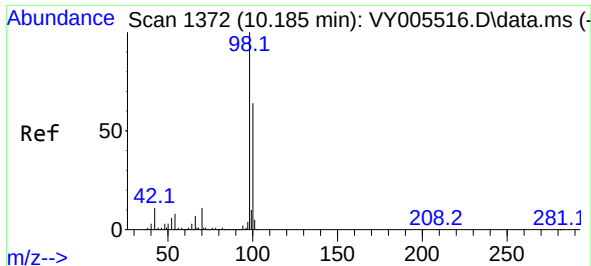
Tgt Ion:	114	Resp:	289876
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.2
88	15.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.784 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Tgt Ion:	113	Resp:	87289
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	23.1	19.2	28.8

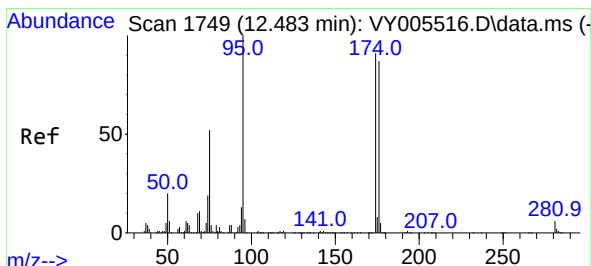
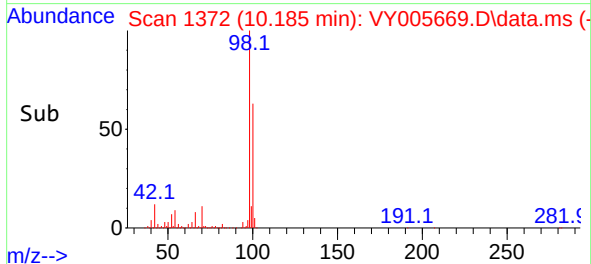
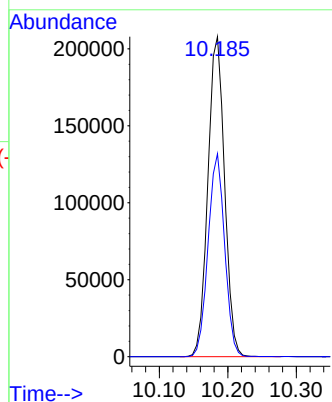
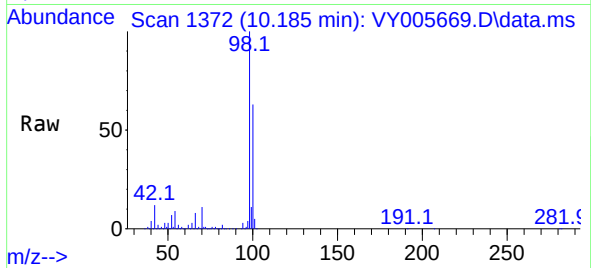




#50
Toluene-d8
Concen: 51.755 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

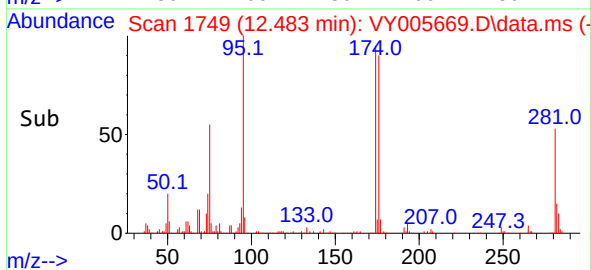
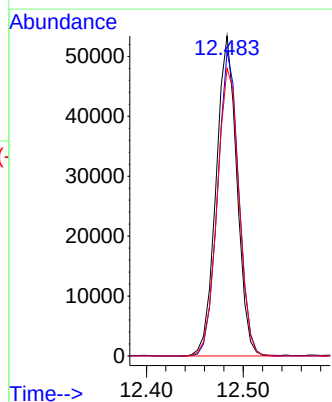
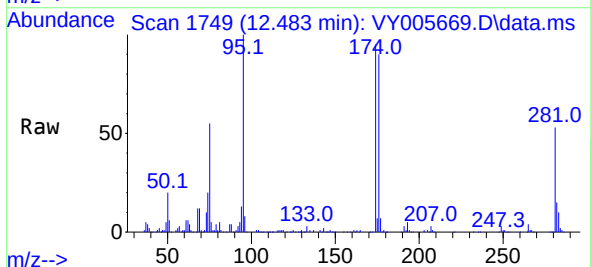
Instrument :
MSVOA_Y
ClientSampleId :
28NRE

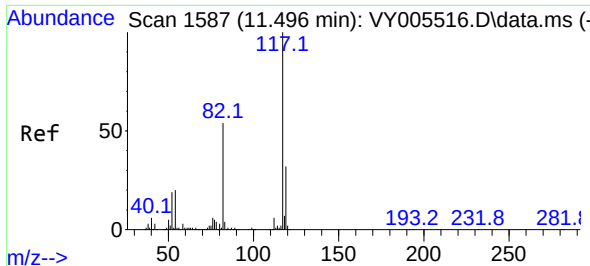
Tgt Ion: 98 Resp: 352273
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 35.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Tgt Ion: 95 Resp: 79916
Ion Ratio Lower Upper
95 100
174 95.7 0.0 191.4
176 94.0 0.0 183.6

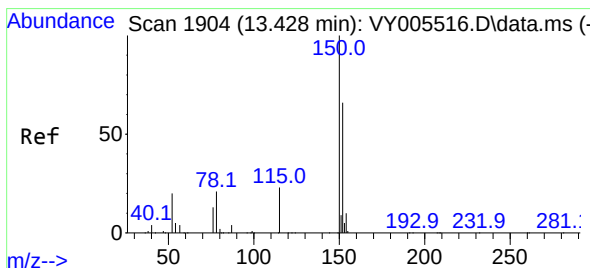
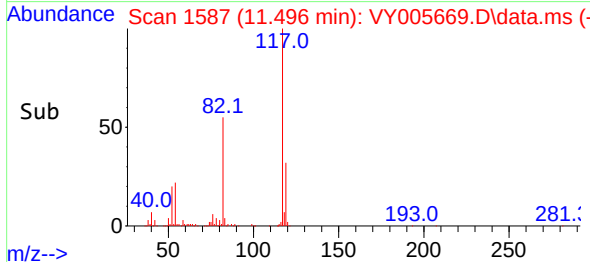
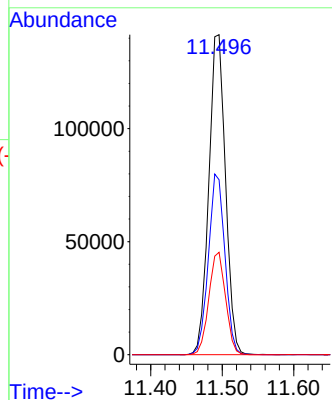
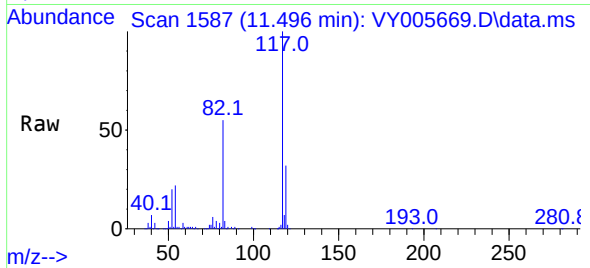




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

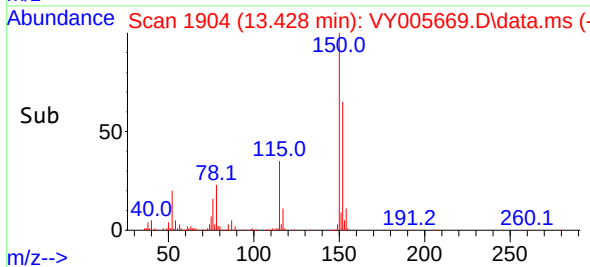
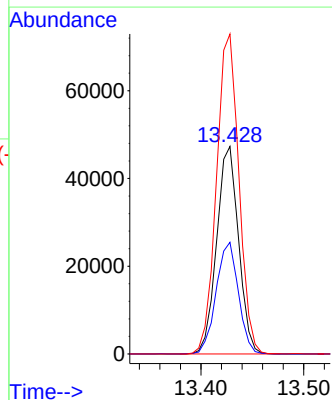
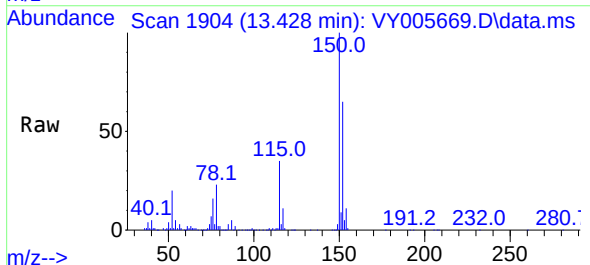
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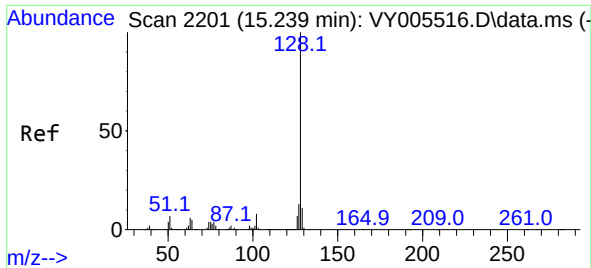
Tgt Ion:	117	Resp:	229675
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.5	65.3
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Tgt Ion:	152	Resp:	69882
Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.3	81.9
150	157.7	0.0	350.2





#95
Naphthalene
Concen: 1.892 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Instrument :
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.6	15.8
129	13.7	8.7	13.1#

