

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005488.D
 Acq On : 28 Jul 2021 14:47
 Operator : SY/MD
 Sample : M3205-01
 Misc : 3.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-209

Quant Time: Jul 29 05:32:20 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	7.795	168	224643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	335053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169953	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138534	57.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.440%
35) Dibromofluoromethane	7.728	113	116254	60.453	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.900%
50) Toluene-d8	10.185	98	422412	51.826	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.483	95	146217	54.354	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.700%

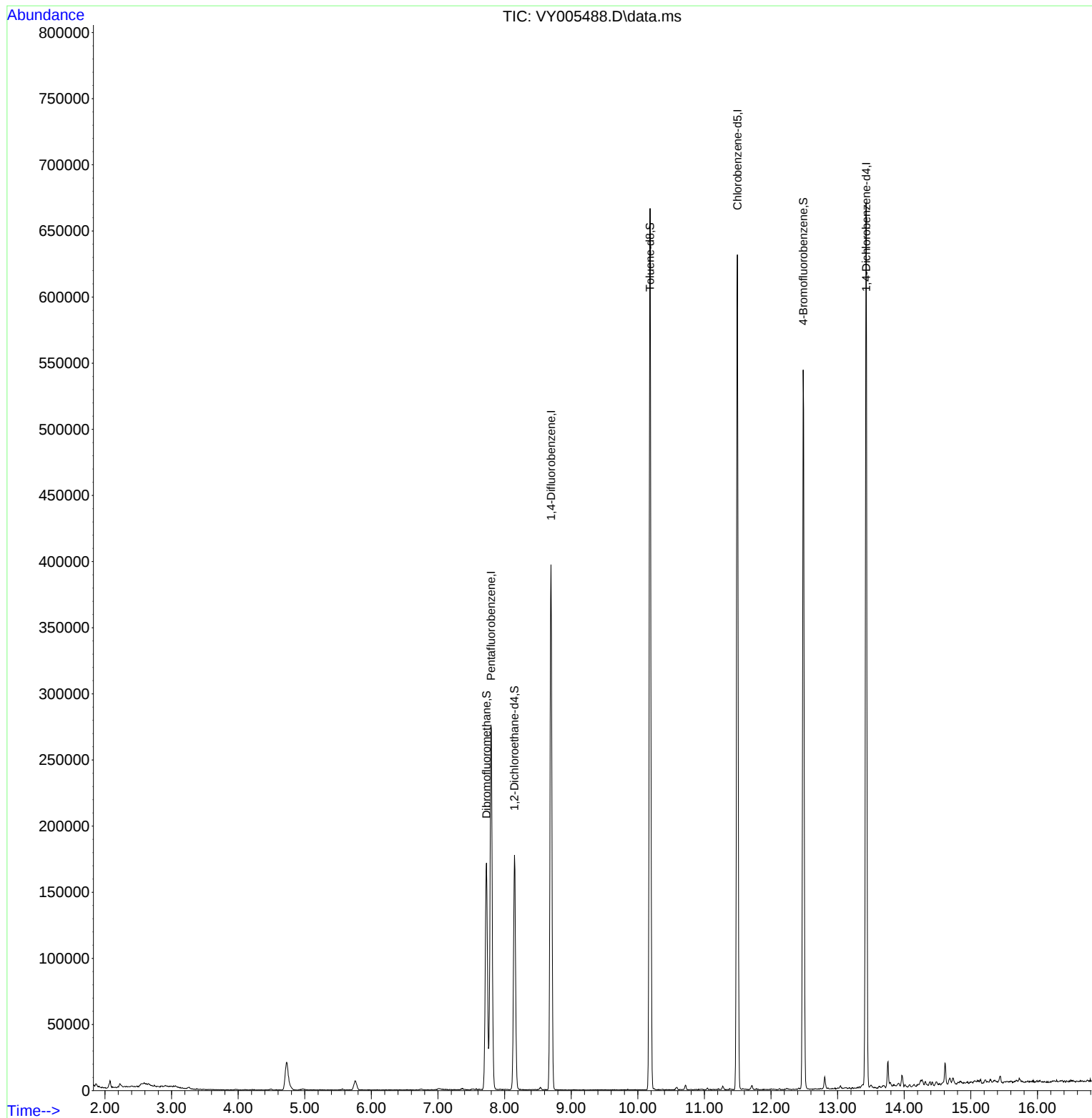
Target Compounds	Qvalue

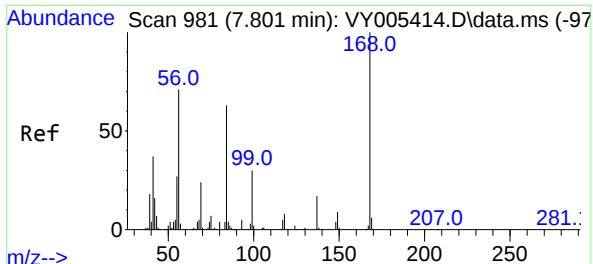
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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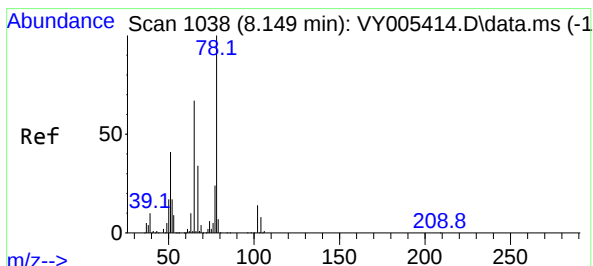
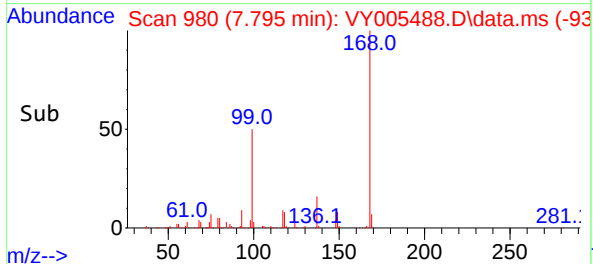
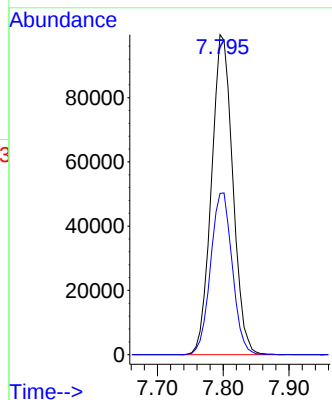
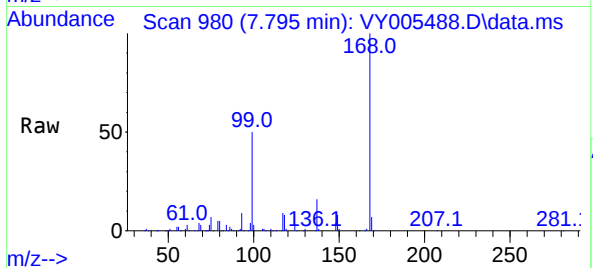




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

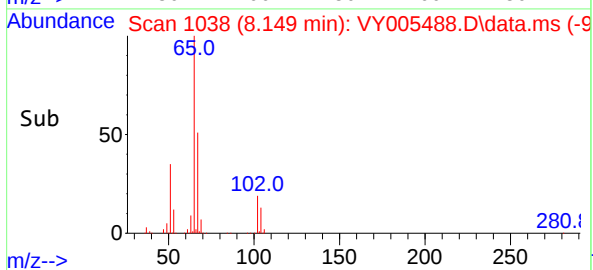
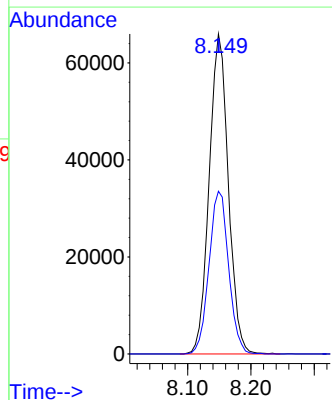
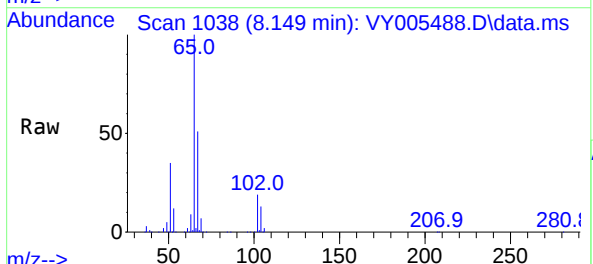
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

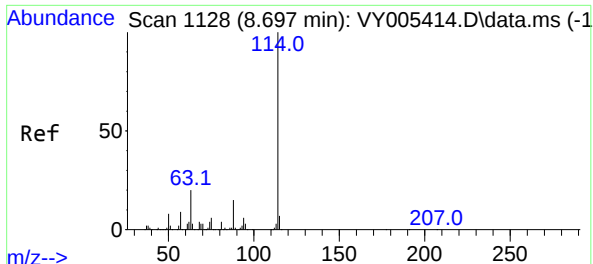
Tgt Ion:168 Resp: 224643
Ion Ratio Lower Upper
168 100
99 50.4 39.8 59.6



#33
1,2-Dichloroethane-d4
Concen: 57.724 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Tgt Ion: 65 Resp: 138534
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.2

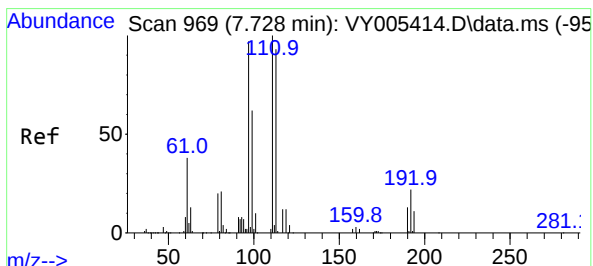
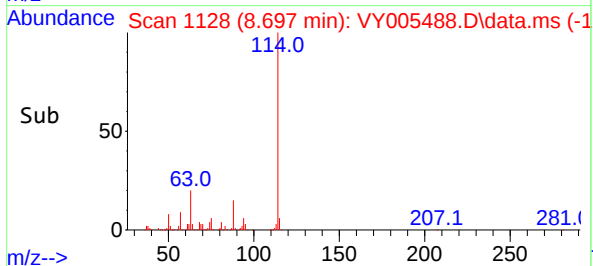
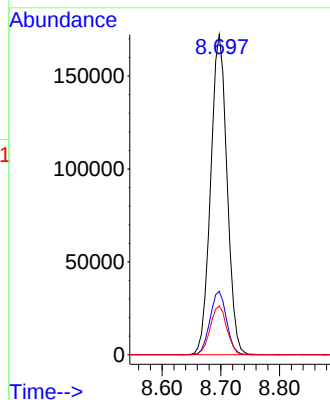
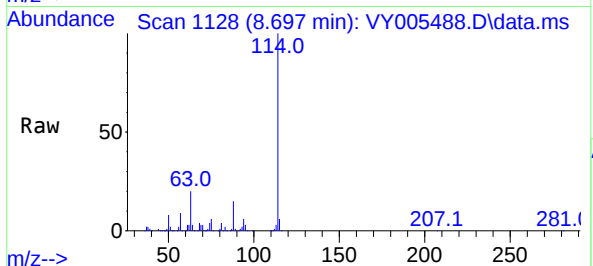




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

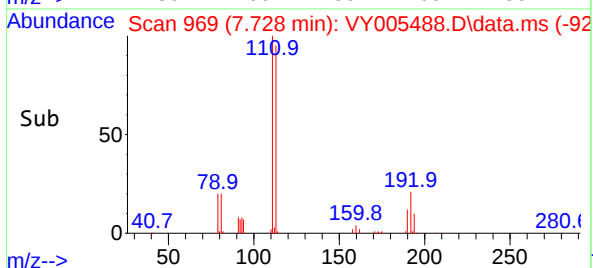
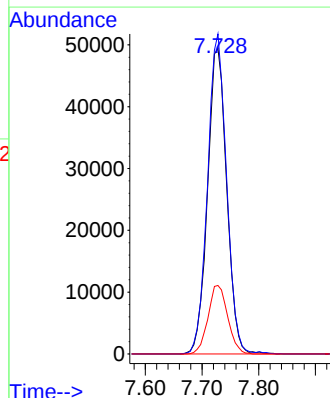
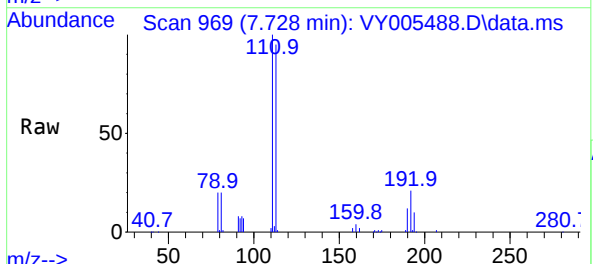
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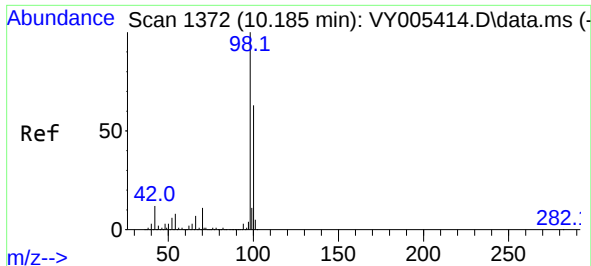
Tgt Ion:	114	Resp:	333049
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 60.453 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Tgt Ion:	113	Resp:	116254
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	23.0	18.9	28.3

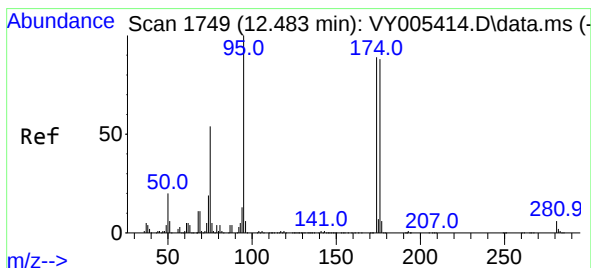
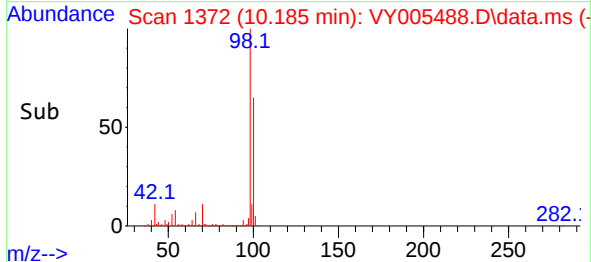
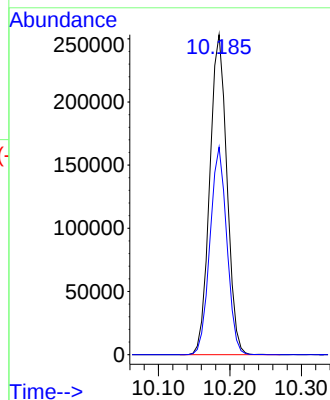
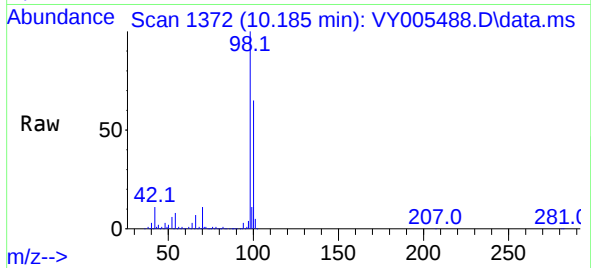




#50
Toluene-d8
Concen: 51.826 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

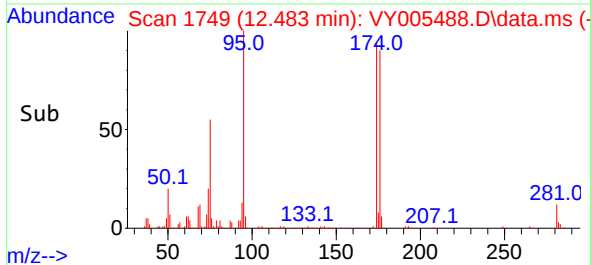
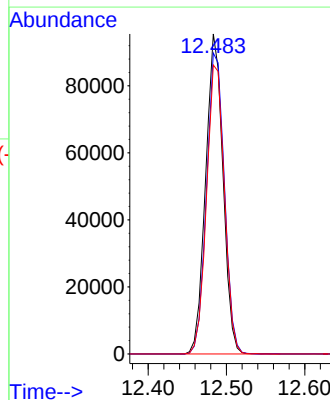
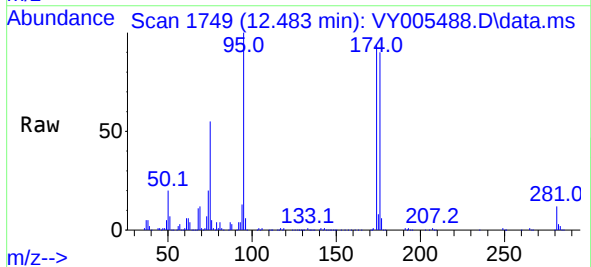
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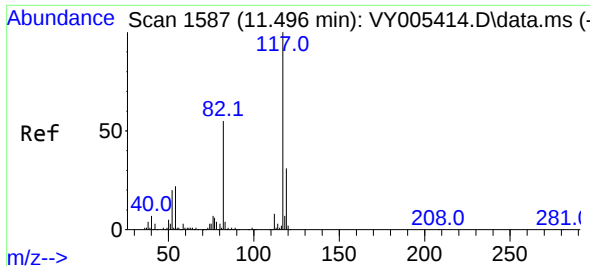
Tgt Ion: 98 Resp: 422412
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.354 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Tgt Ion: 95 Resp: 146217
Ion Ratio Lower Upper
95 100
174 96.8 0.0 186.6
176 93.3 0.0 182.4

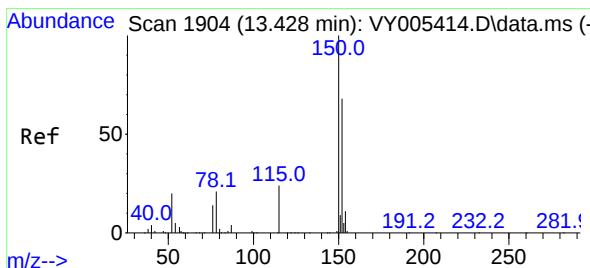
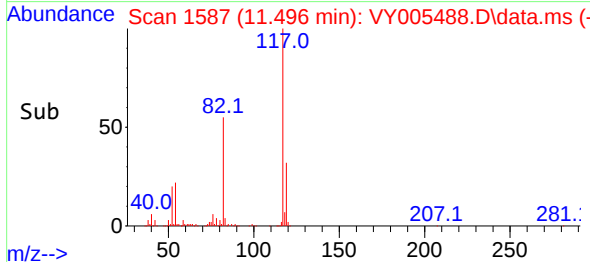
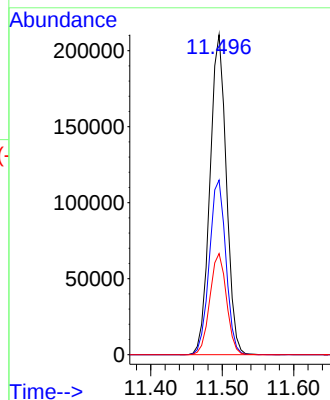
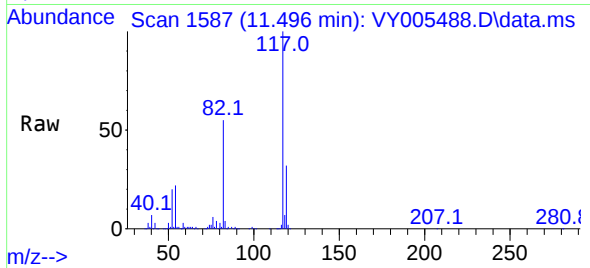




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Instrument :
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ClientSampleId :
VNJ-209

Tgt Ion:117 Resp: 335053
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.6
119 31.6 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: VY005488.D
Acq: 28 Jul 2021 14:47

Tgt Ion:152 Resp: 169953
Ion Ratio Lower Upper
152 100
115 54.2 27.7 83.1
150 155.8 0.0 349.6

