

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004415.D
 Acq On : 14 Apr 2021 12:43
 Operator : SY/MD
 Sample : M2023-02
 Misc : 5.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-070-A

Quant Time: Apr 15 01:06:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	172804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	276839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108253	56.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.76%
35) Dibromofluoromethane	7.728	113	91381	54.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.36%
50) Toluene-d8	10.185	98	371070	51.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.46%
62) 4-Bromofluorobenzene	12.483	95	118298	48.59	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.18%

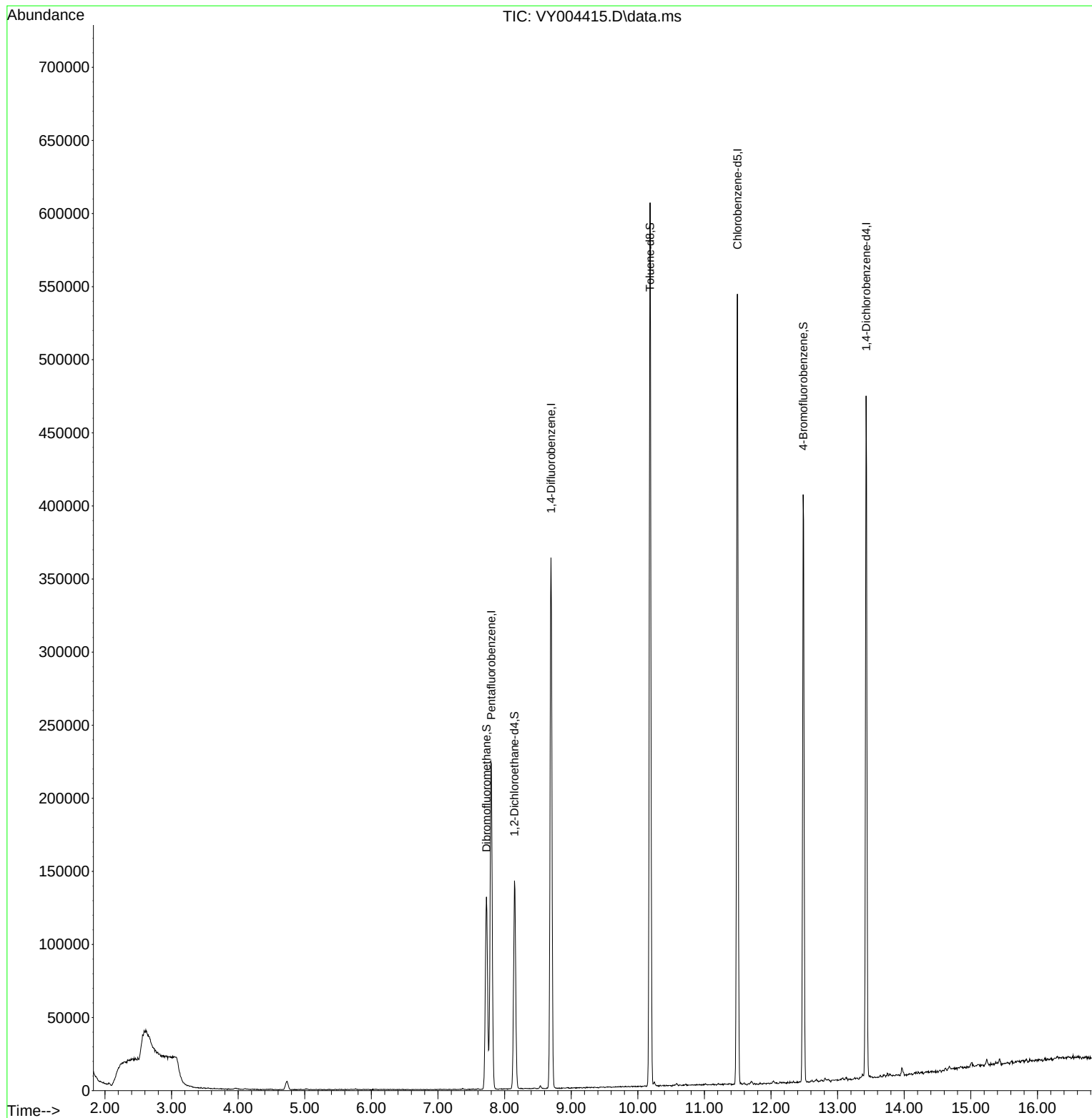
Target Compounds	Qvalue

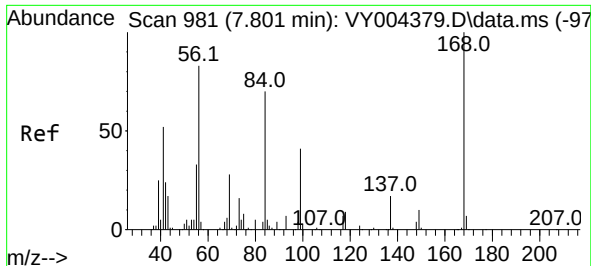
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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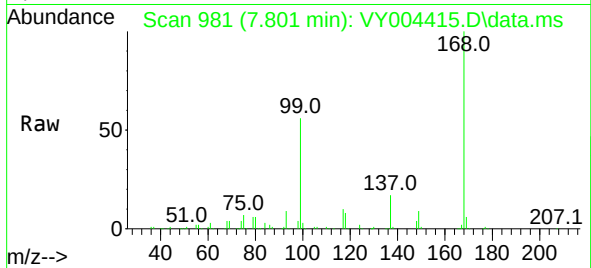
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Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



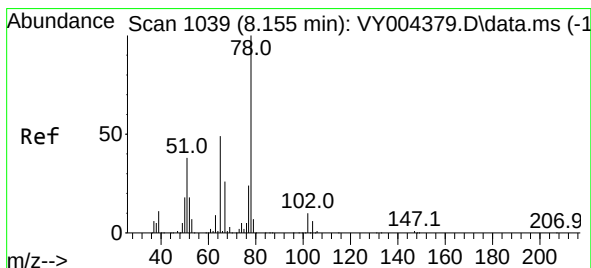
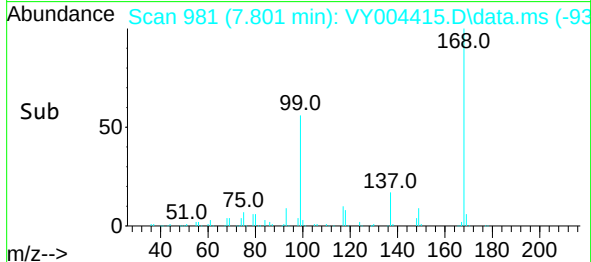
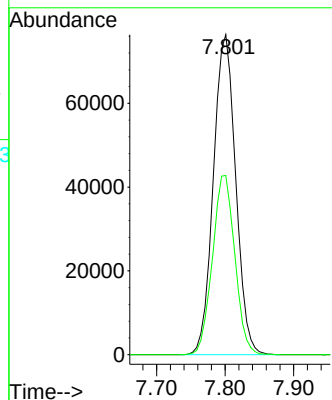


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

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ClientSampleId :
FK-GF-02-070-A

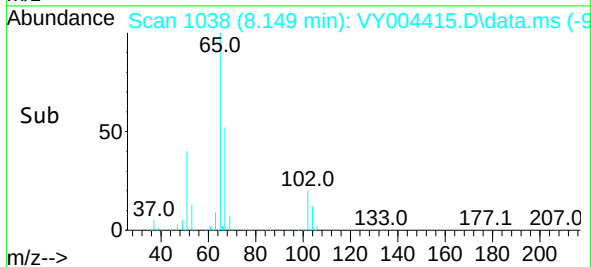
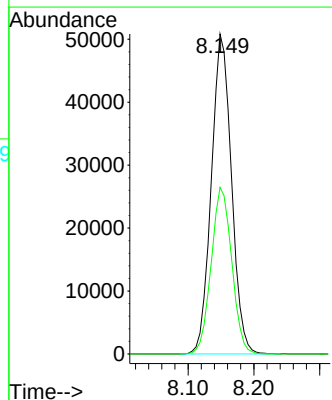
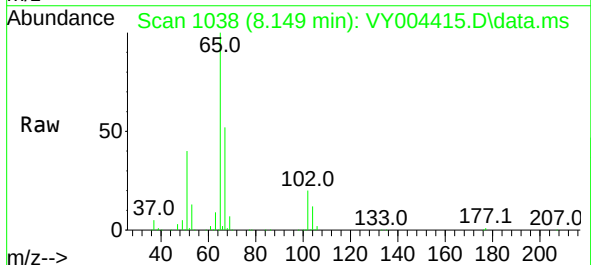


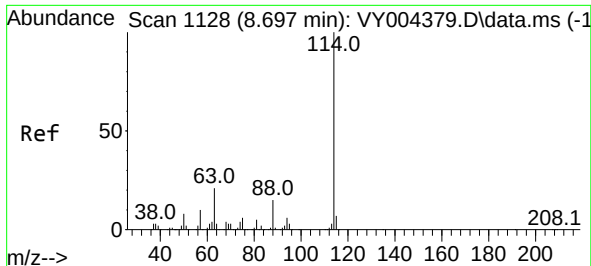
Tgt Ion:168 Resp: 172804
Ion Ratio Lower Upper
168 100
99 56.0 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 56.38 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

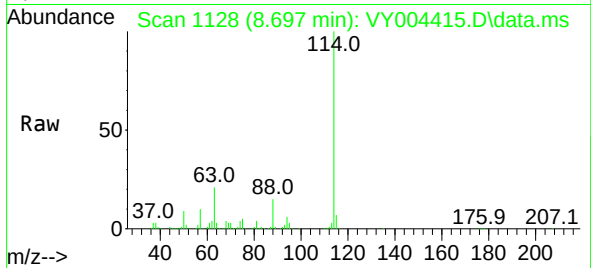
Tgt Ion: 65 Resp: 108253
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.4



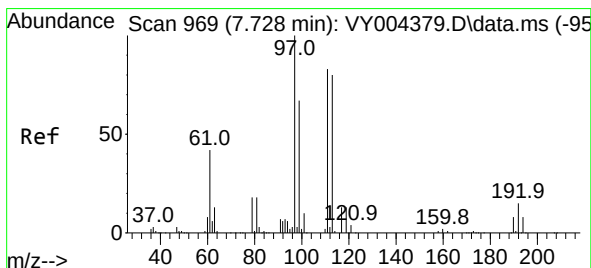
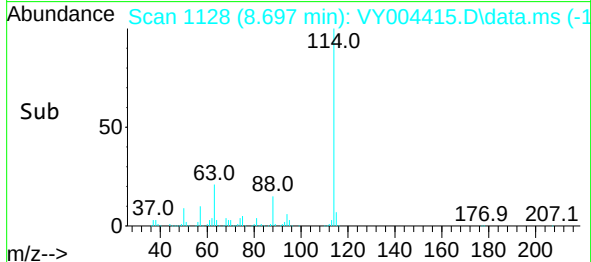
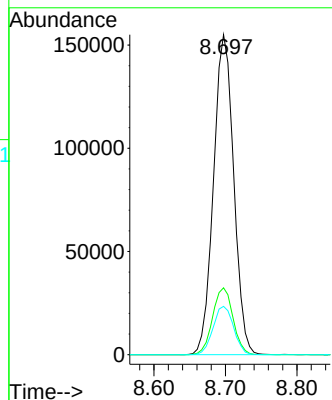


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

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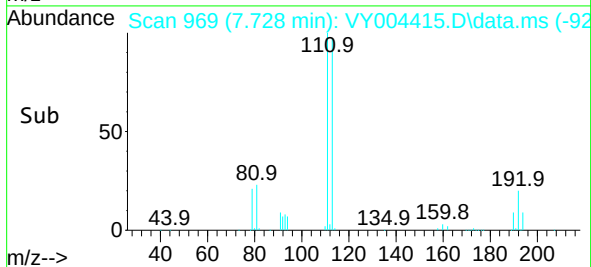
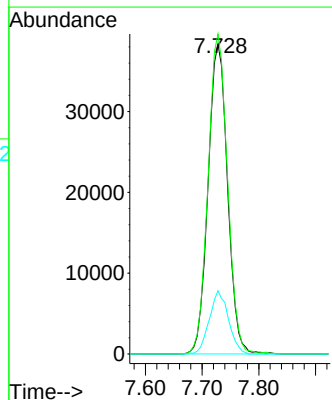
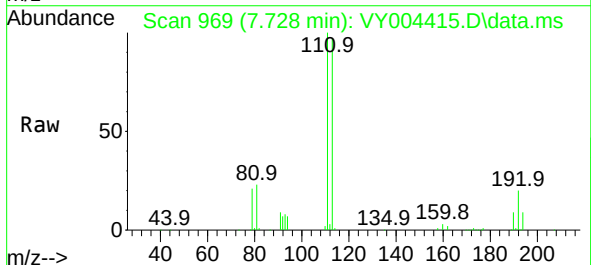


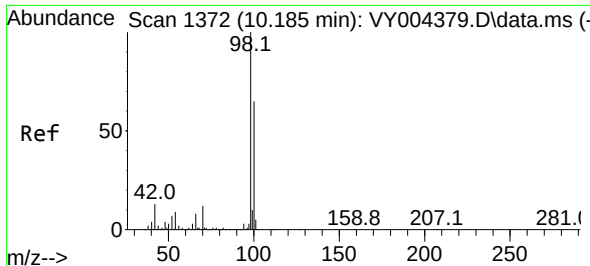
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.4
88	15.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.18 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	20.0	16.1	24.1

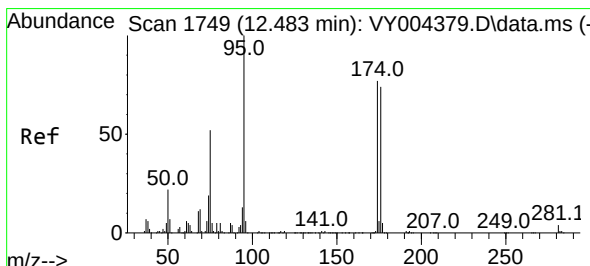
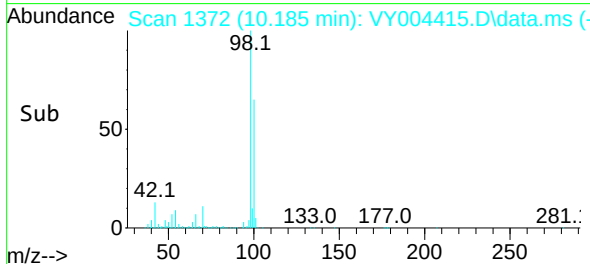
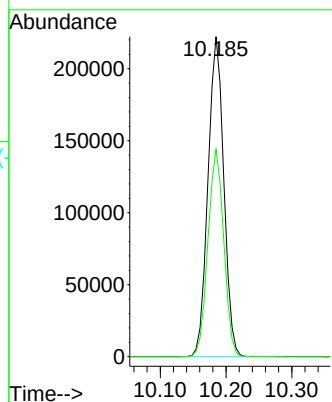
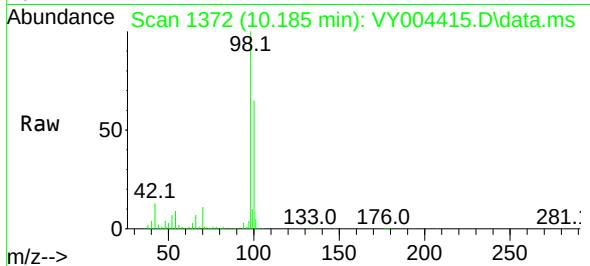




#50
Toluene-d8
Concen: 51.73 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

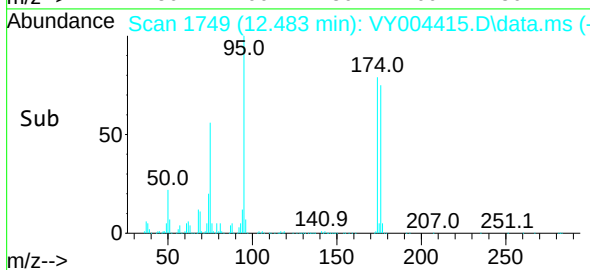
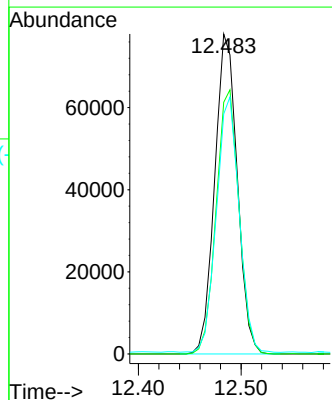
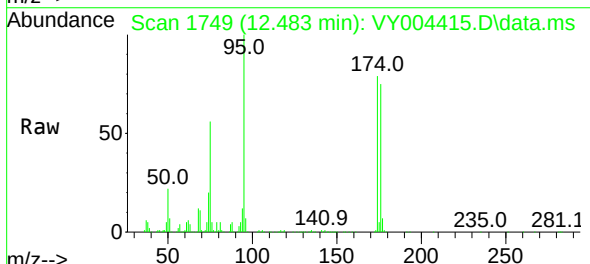
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-070-A

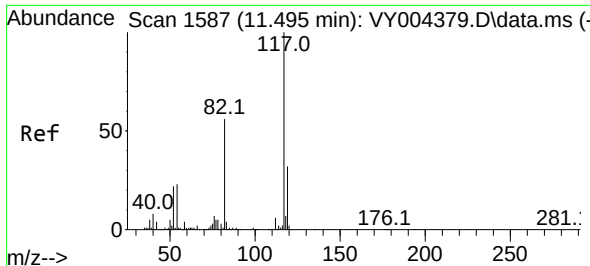
Tgt Ion: 98 Resp: 371070
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

Tgt Ion: 95 Resp: 118298
Ion Ratio Lower Upper
95 100
174 83.5 0.0 162.4
176 80.4 0.0 156.0

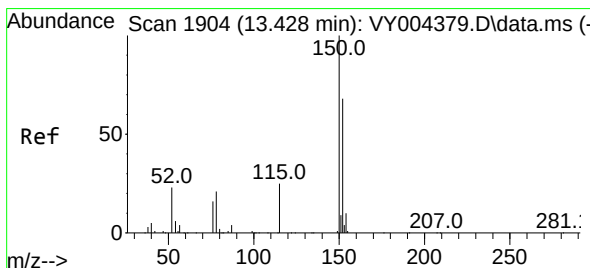
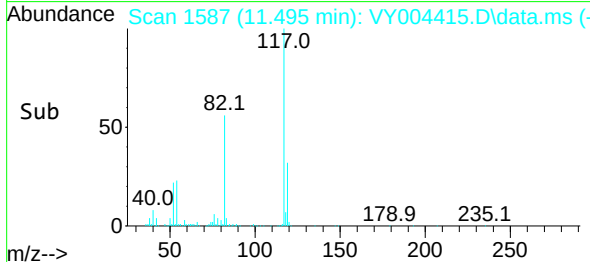
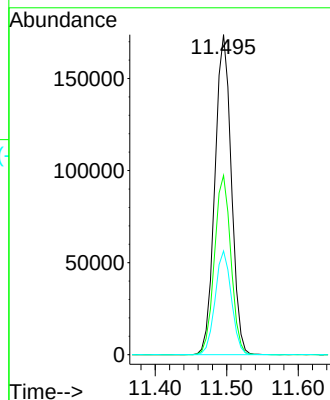
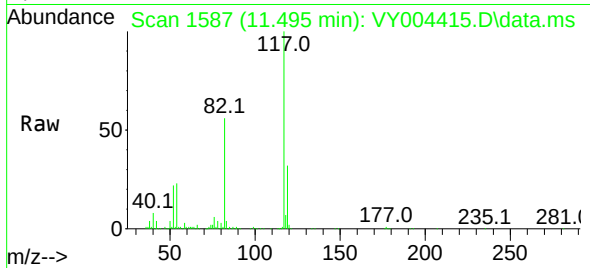




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	276839
Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.9	67.3
119	32.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004415.D
Acq: 14 Apr 2021 12:43

Tgt Ion:	152	Resp:	112178
Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.6	88.8
150	159.6	0.0	348.4

