

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009799.D
 Acq On : 01 Aug 2022 16:15
 Operator : KP/MD
 Sample : N3970-01
 Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHB-UPPER

Quant Time: Aug 02 01:40:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

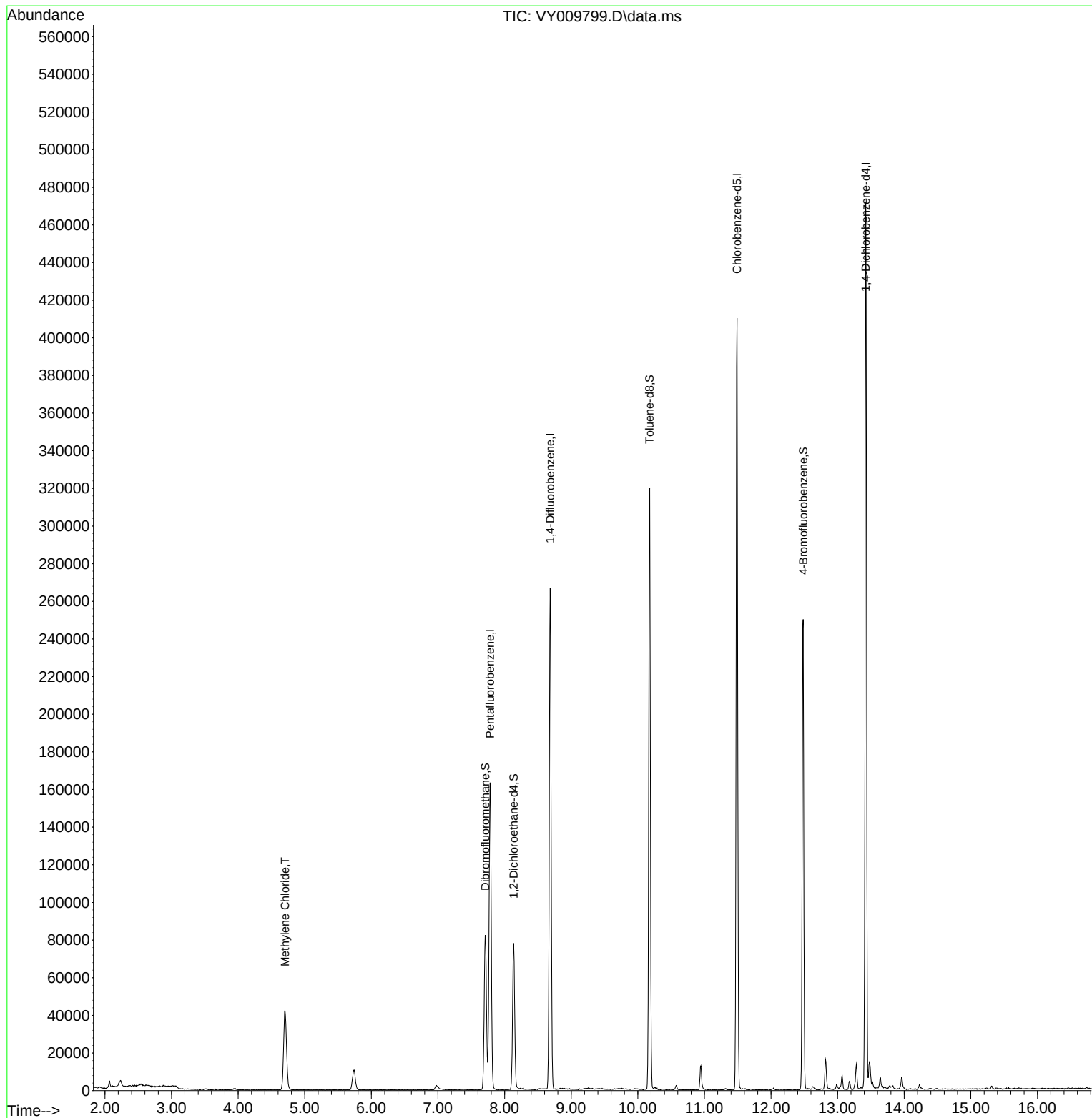
Internal Standards						
1) Pentafluorobenzene	7.783	168	137172	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	236059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58620	65.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.680%
35) Dibromofluoromethane	7.710	113	58304	45.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.820%
50) Toluene-d8	10.179	98	213893	57.873	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	115.740%
62) 4-Bromofluorobenzene	12.483	95	71129	41.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	83.560%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	32822	13.845	ug/l	# 85

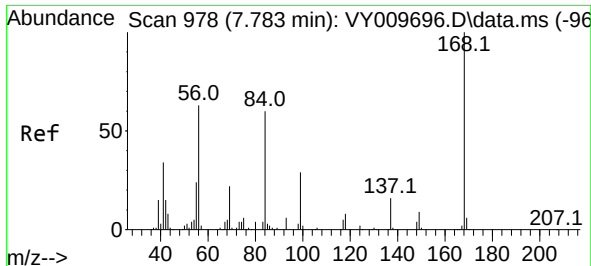
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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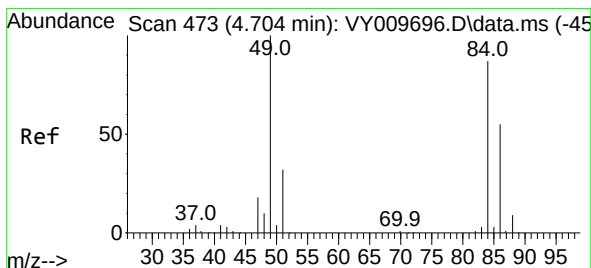
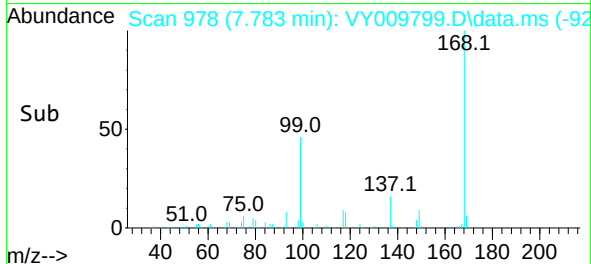
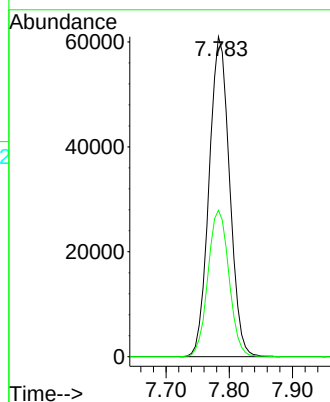
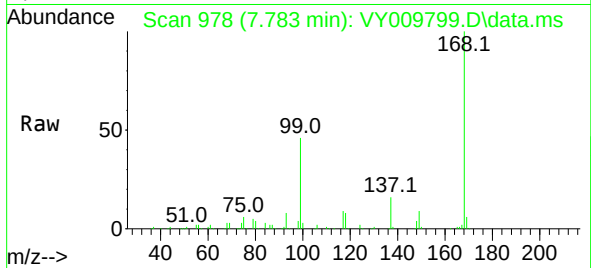




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009799.D
Acq: 01 Aug 2022 16:15

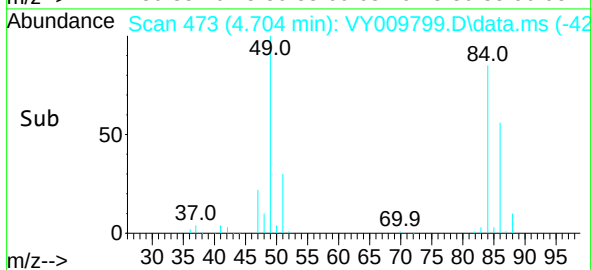
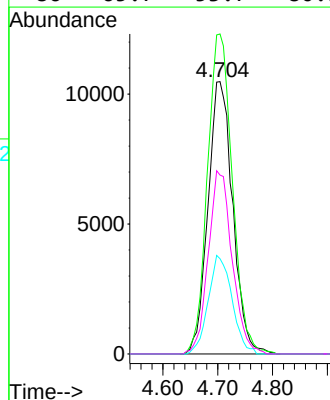
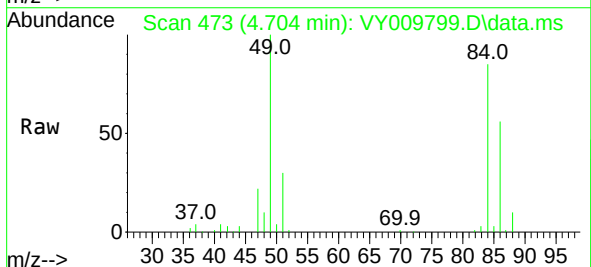
Instrument :
MSVOA_Y
ClientSampleId :
MHB-UPPER

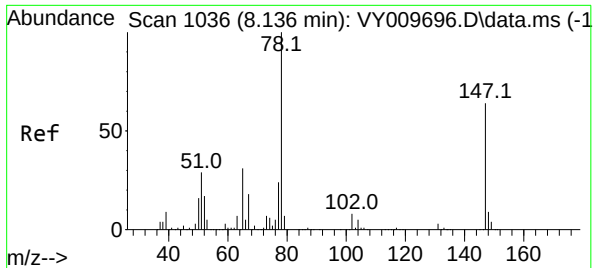
Tgt Ion:168 Resp: 137172
Ion Ratio Lower Upper
168 100
99 45.7 46.9 70.3#



#20
Methylene Chloride
Concen: 13.845 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009799.D
Acq: 01 Aug 2022 16:15

Tgt Ion: 84 Resp: 32822
Ion Ratio Lower Upper
84 100
49 117.5 114.4 171.6
51 35.0 35.3 52.9#
86 65.7 53.7 80.5

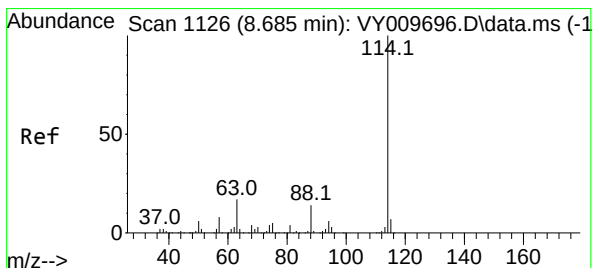
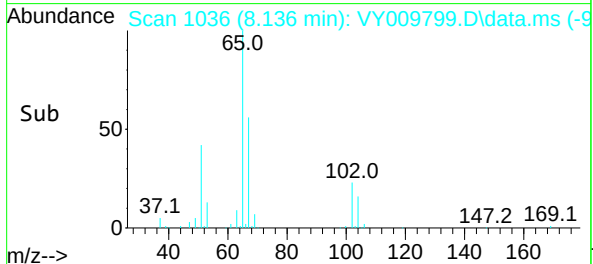
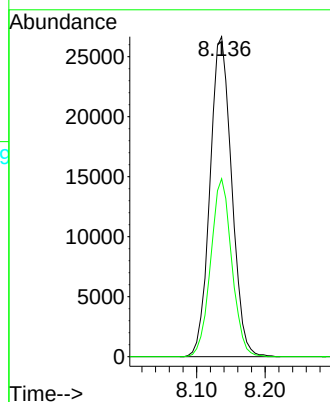
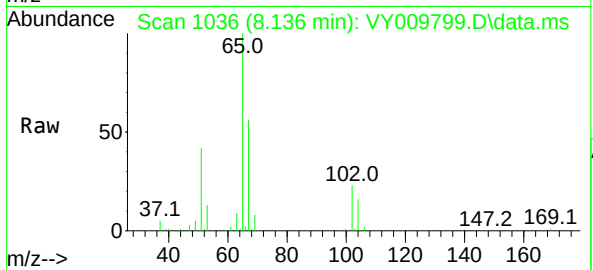




#33
 1,2-Dichloroethane-d4
 Concen: 65.840 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009799.D
 Acq: 01 Aug 2022 16:15

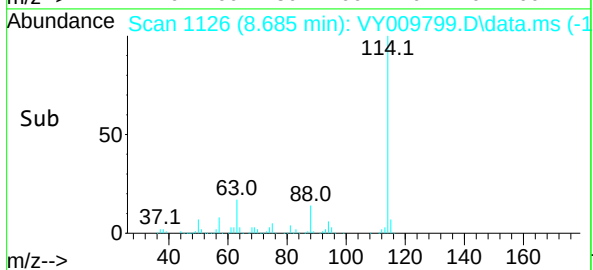
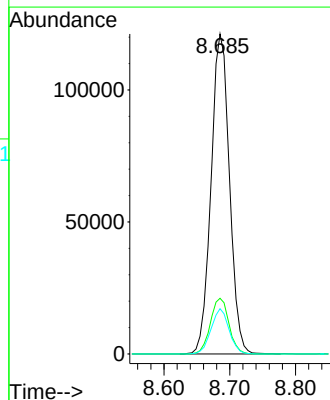
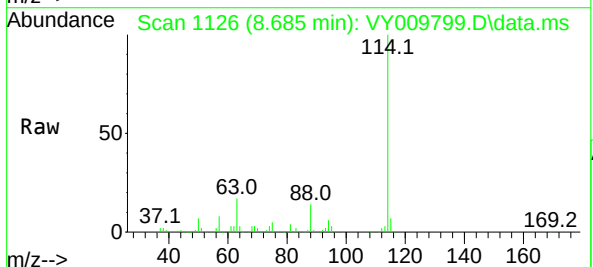
Instrument :
 MSVOA_Y
 ClientSampleId :
 MHB-UPPER

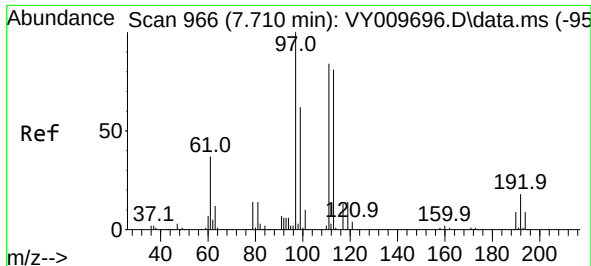
Tgt Ion: 65 Resp: 58620
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009799.D
 Acq: 01 Aug 2022 16:15

Tgt Ion: 114 Resp: 236059
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 43.2
 88 14.1 0.0 31.8

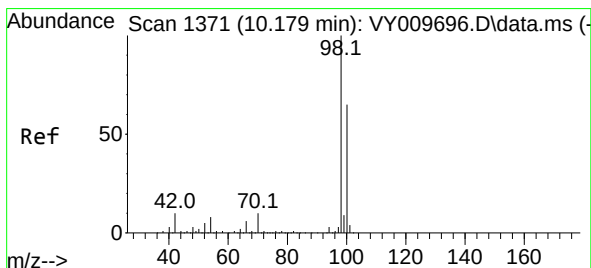
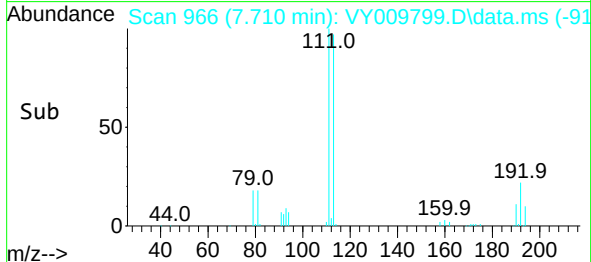
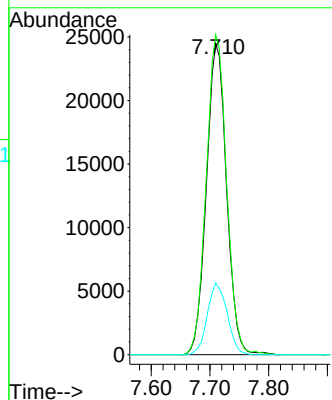
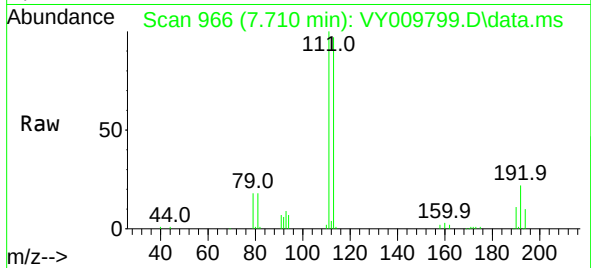




#35
Dibromofluoromethane
Concen: 45.413 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009799.D
Acq: 01 Aug 2022 16:15

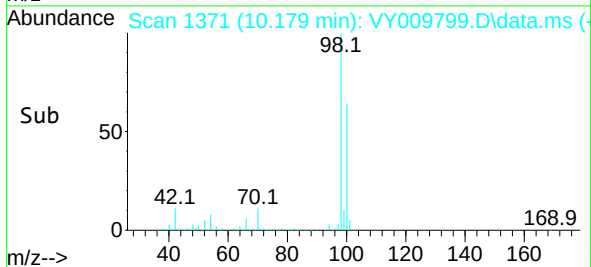
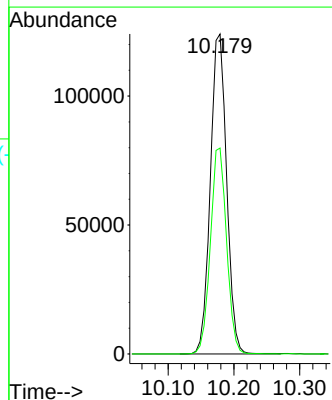
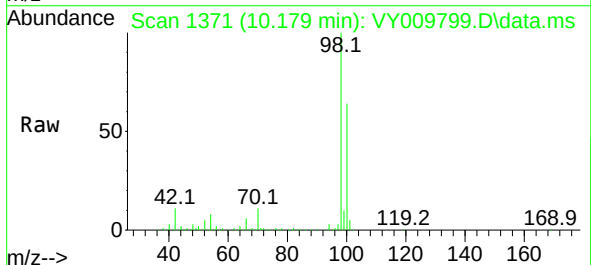
Instrument :
MSVOA_Y
ClientSampleId :
MHB-UPPER

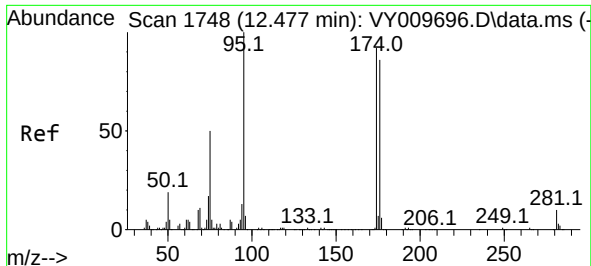
Tgt Ion:113 Resp: 58304
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 22.7 17.6 26.4



#50
Toluene-d8
Concen: 57.873 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009799.D
Acq: 01 Aug 2022 16:15

Tgt Ion: 98 Resp: 213893
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

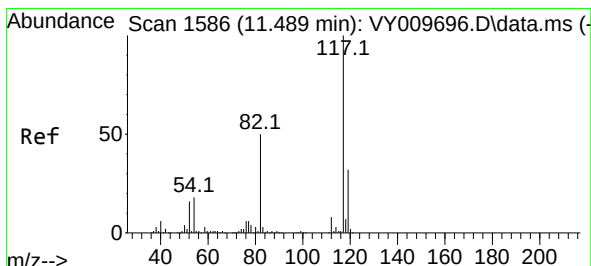
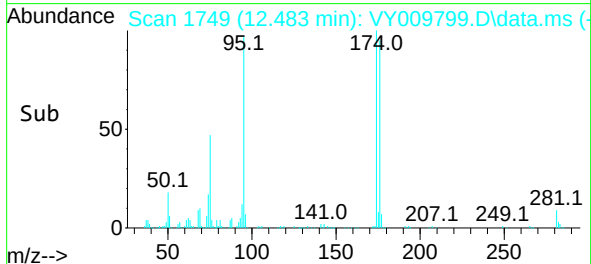
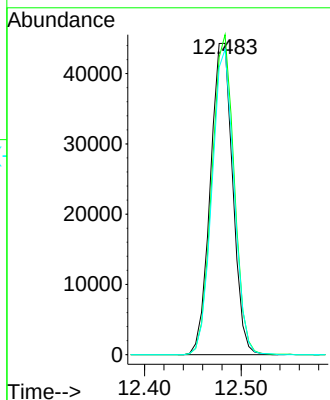
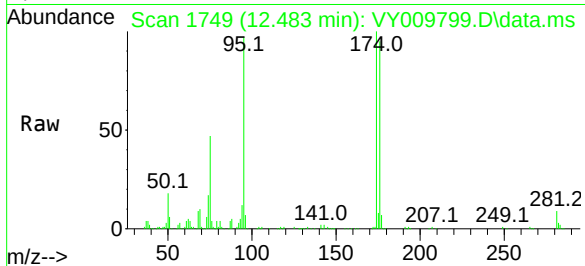




#62
4-Bromofluorobenzene
Concen: 41.782 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009799.D
Acq: 01 Aug 2022 16:15

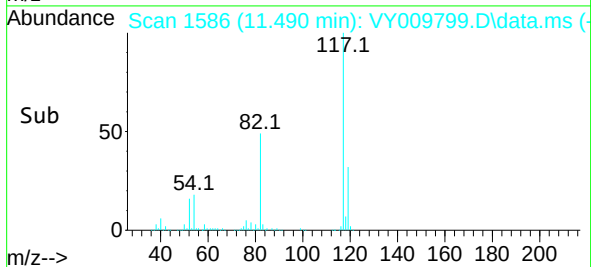
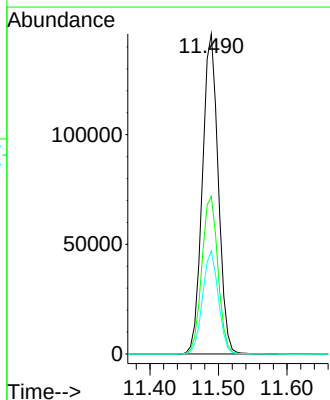
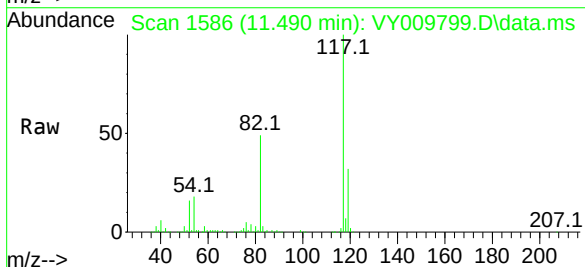
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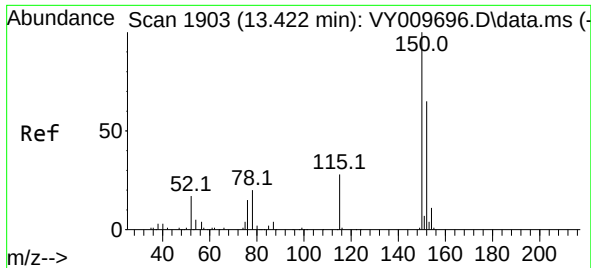
Tgt Ion: 95 Resp: 71129
Ion Ratio Lower Upper
95 100
174 101.7 0.0 177.0
176 96.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009799.D
Acq: 01 Aug 2022 16:15

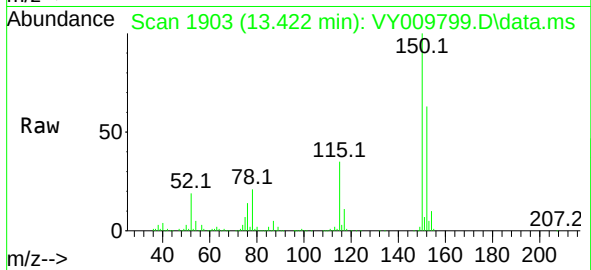
Tgt Ion: 117 Resp: 235200
Ion Ratio Lower Upper
117 100
82 49.2 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009799.D
 Acq: 01 Aug 2022 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHB-UPPER



Tgt Ion:152 Resp: 127350
 Ion Ratio Lower Upper
 152 100
 115 54.0 28.2 84.7
 150 158.6 0.0 347.6

