

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009142.D
 Acq On : 06 Jun 2022 13:07
 Operator : KP/MD
 Sample : N3143-04RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)RE

Quant Time: Jun 07 02:30:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

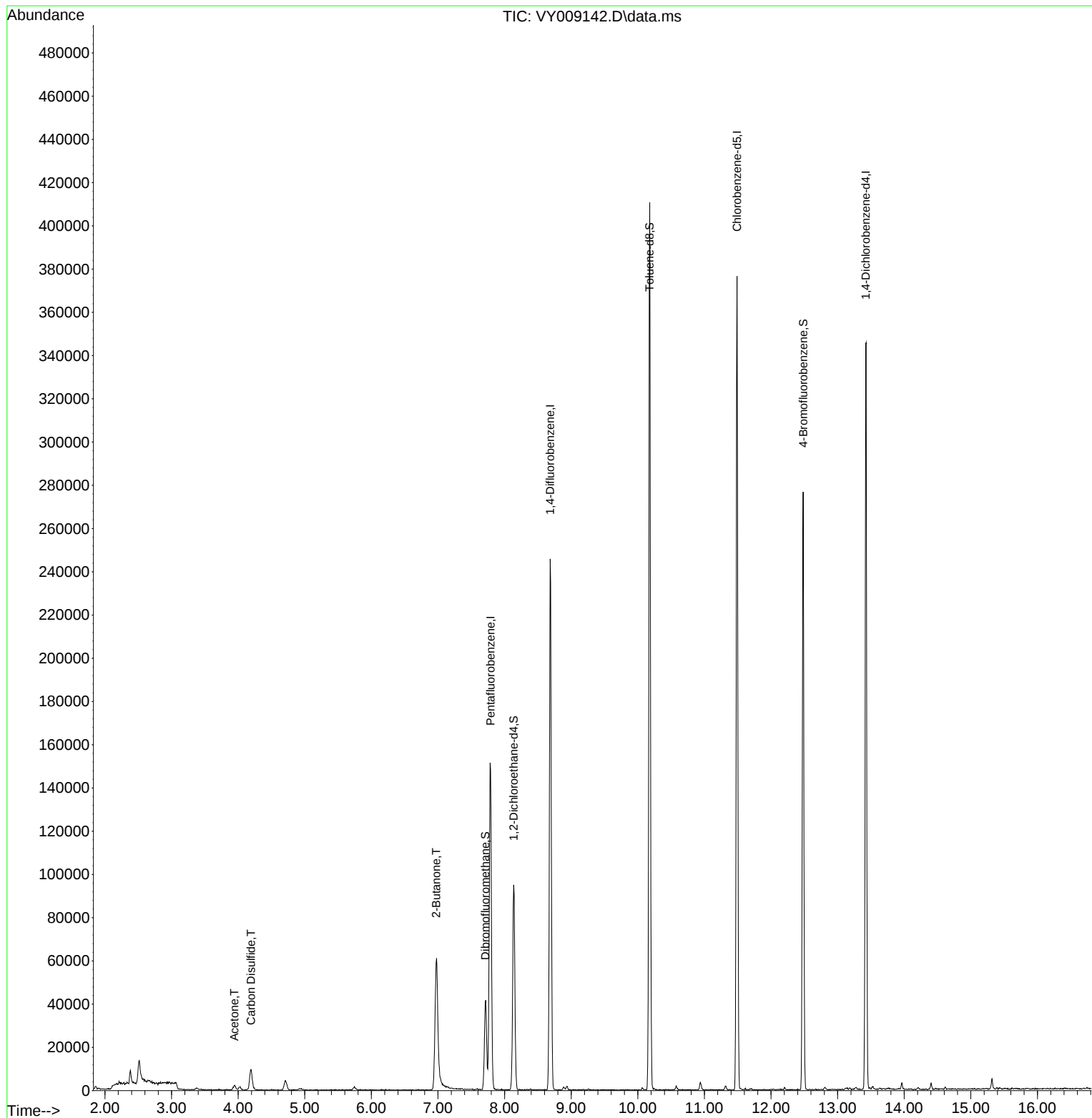
Internal Standards						
1) Pentafluorobenzene	7.789	168	118307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70201	57.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.320%
35) Dibromofluoromethane	7.710	113	27080	21.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.360%#
50) Toluene-d8	10.179	98	255184	54.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.483	95	72658	38.193	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.380%
Target Compounds						
16) Acetone	3.942	43	3657	14.429	ug/l #	88
17) Carbon Disulfide	4.192	76	13396	3.685	ug/l	97
25) 2-Butanone	6.972	43	4090	9.035	ug/l #	78

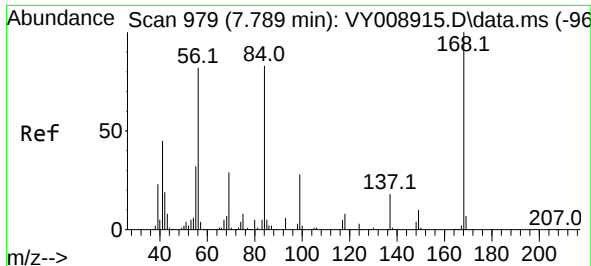
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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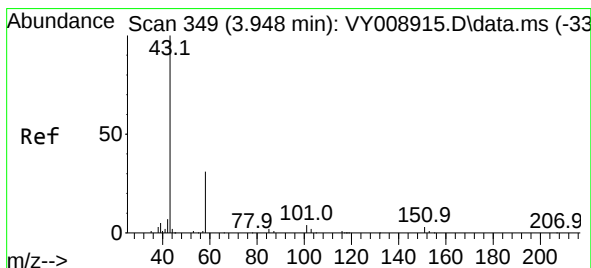
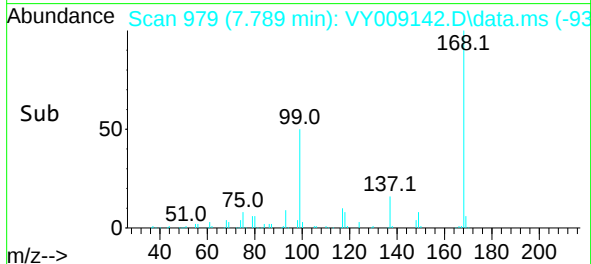
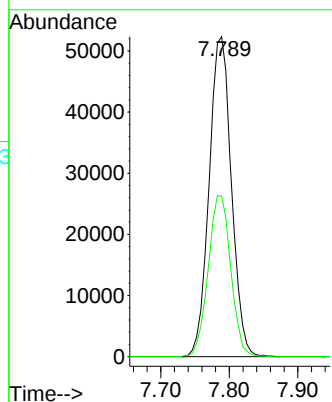
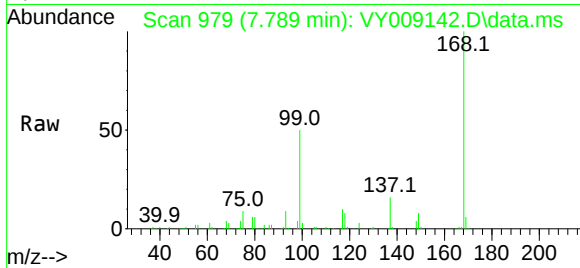




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

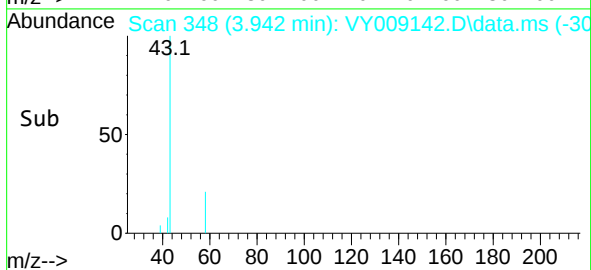
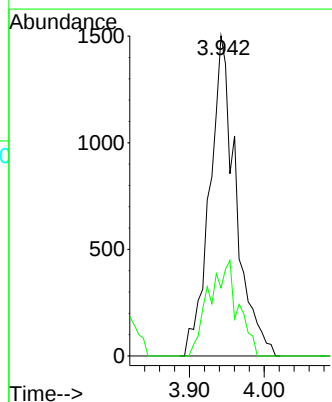
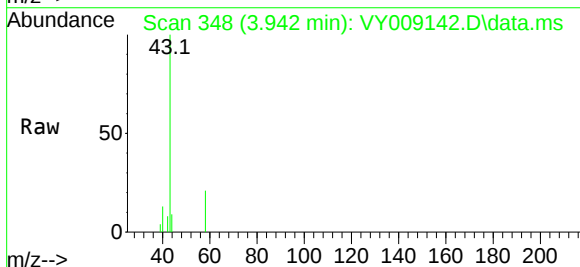
Instrument :
MSVOA_Y
ClientSampleId :
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)RE

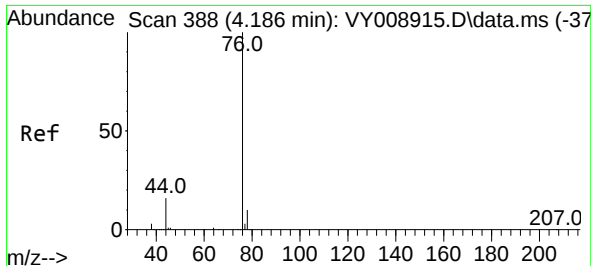
Tgt Ion:168 Resp: 118307
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#16
Acetone
Concen: 14.429 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

Tgt Ion: 43 Resp: 3657
Ion Ratio Lower Upper
43 100
58 21.3 22.0 33.0#

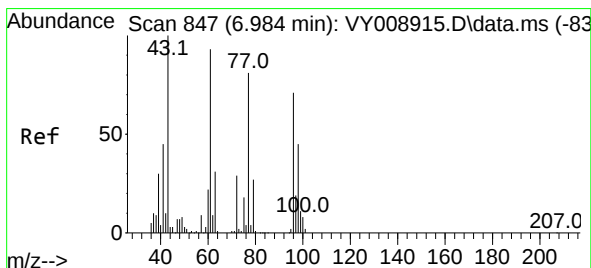
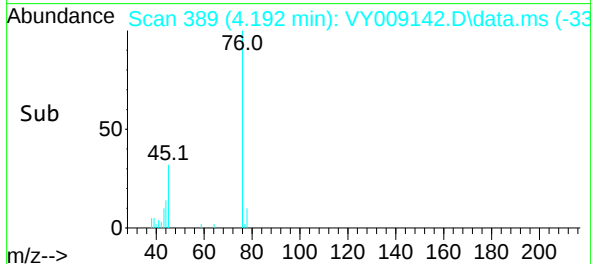
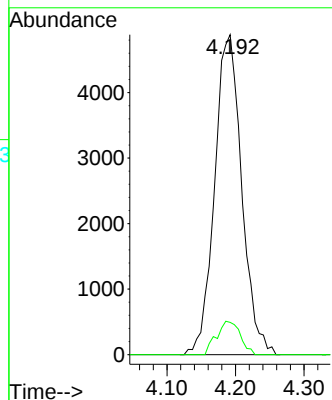
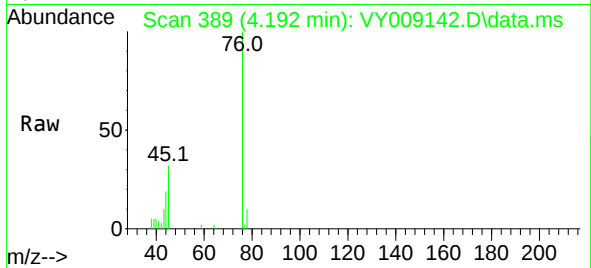




#17
Carbon Disulfide
Concen: 3.685 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

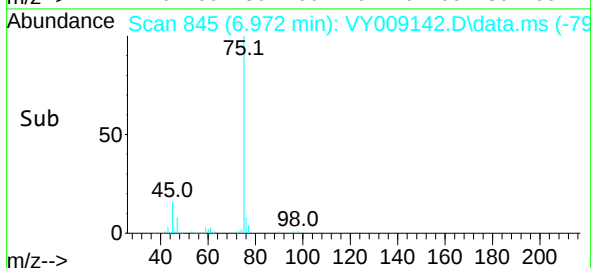
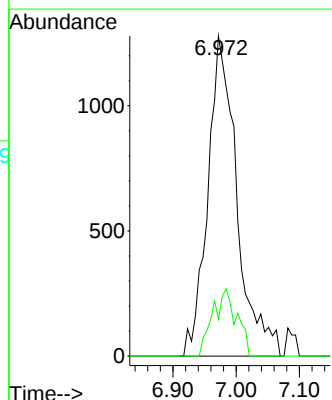
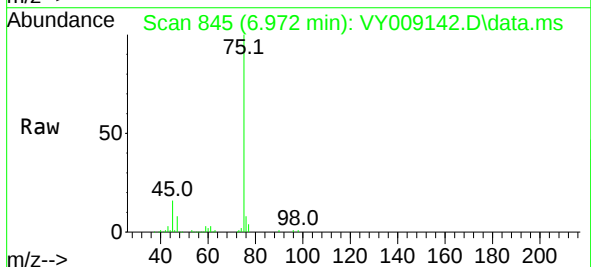
Instrument : MSVOA_Y
ClientSampleId : 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)RE

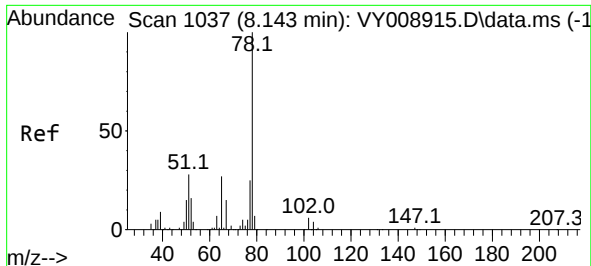
Tgt Ion: 76 Resp: 13396
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#25
2-Butanone
Concen: 9.035 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

Tgt Ion: 43 Resp: 4090
Ion Ratio Lower Upper
43 100
72 11.5 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 57.655 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009142.D

Acq: 06 Jun 2022 13:07

Instrument :

MSVOA_Y

ClientSampleId :

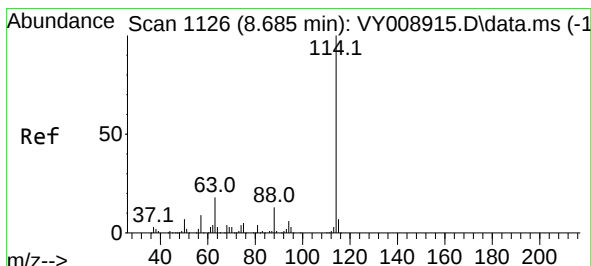
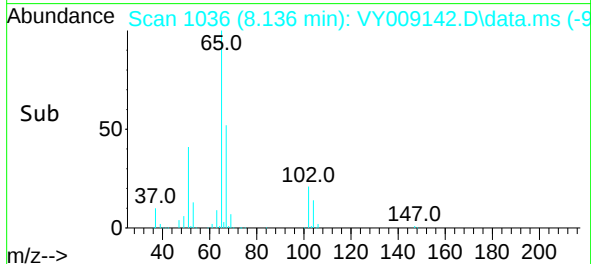
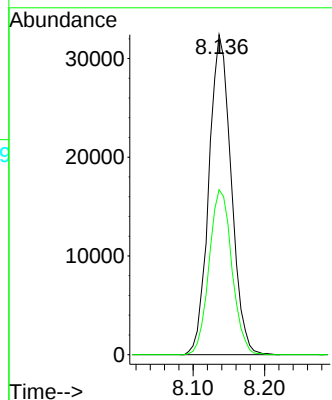
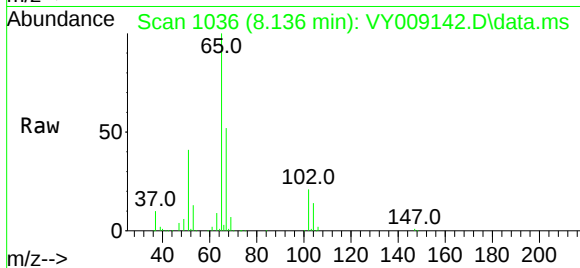
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)RE

Tgt Ion: 65 Resp: 70201

Ion Ratio Lower Upper

65 100

67 52.5 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: VY009142.D

Acq: 06 Jun 2022 13:07

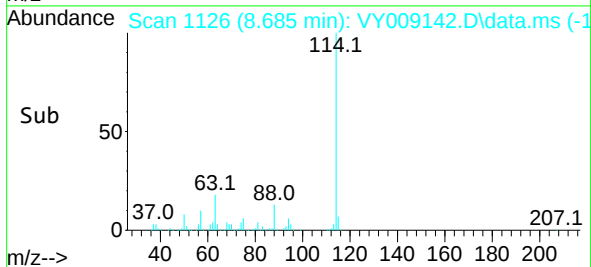
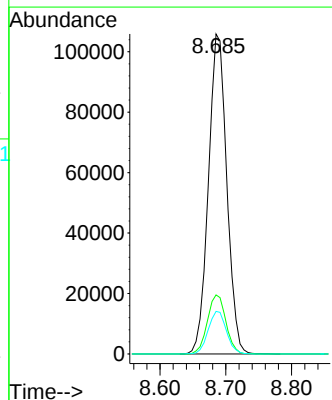
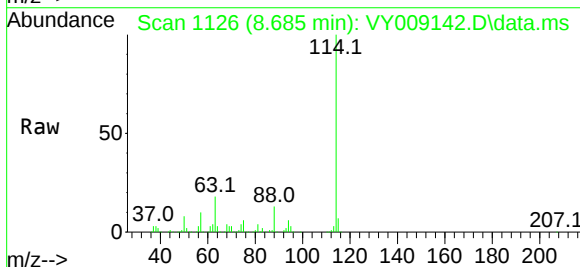
Tgt Ion: 114 Resp: 205574

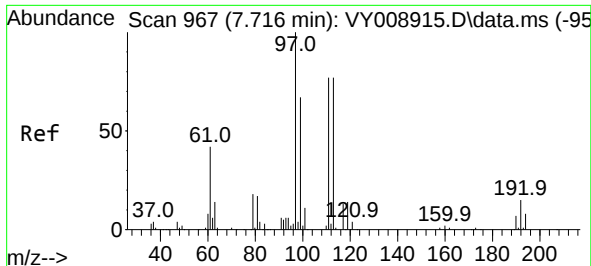
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.3 0.0 31.8

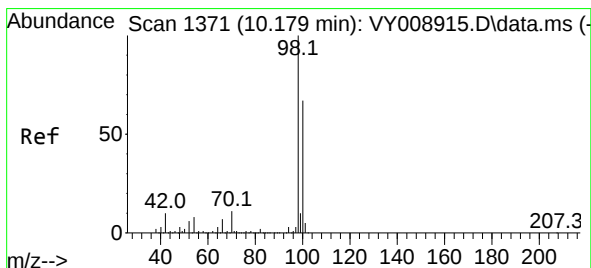
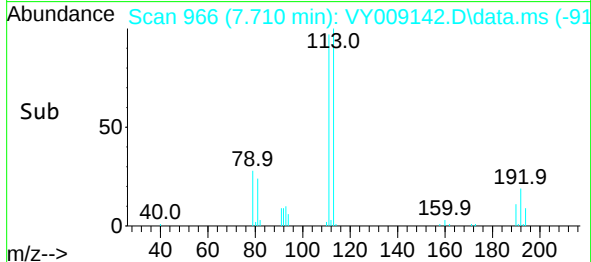
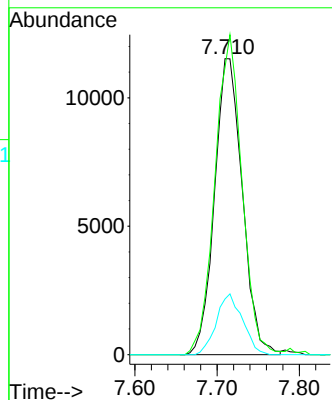
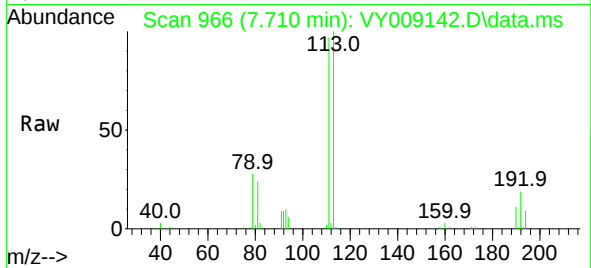




#35
Dibromofluoromethane
Concen: 21.184 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

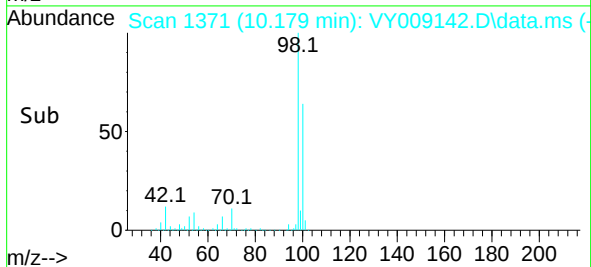
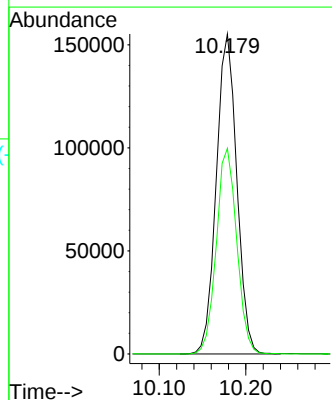
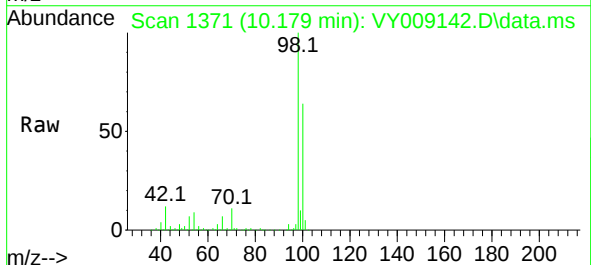
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MSVOA_Y
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20220427-AMENDED-SB-8-(DISCRETE-COMP-G)RE

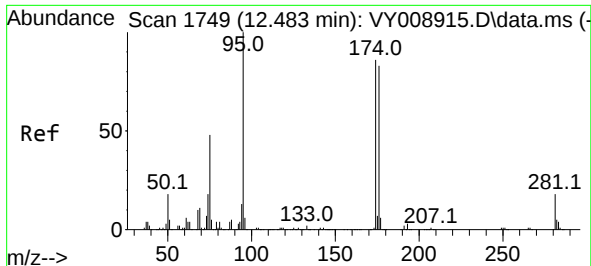
Tgt Ion:113 Resp: 27080
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 54.110 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

Tgt Ion: 98 Resp: 255184
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

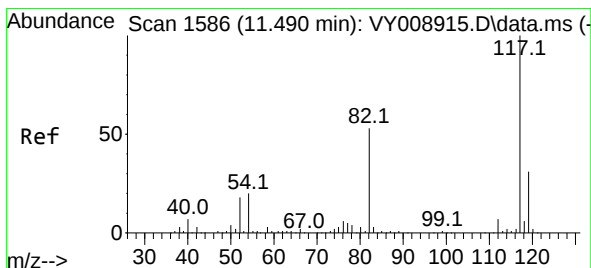
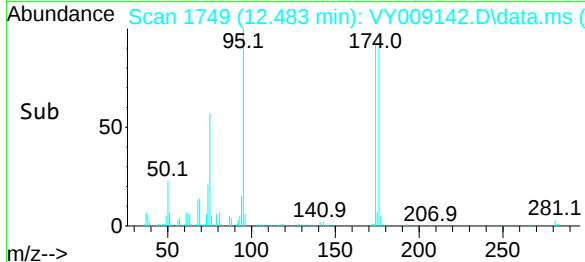
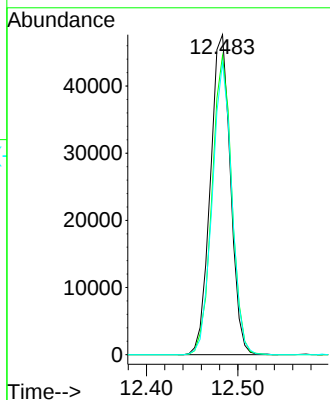
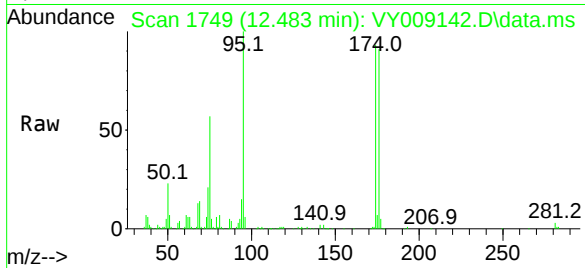




#62
4-Bromofluorobenzene
Concen: 38.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

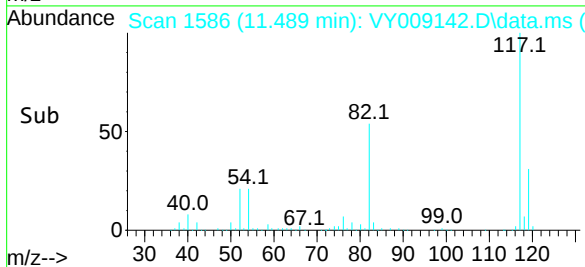
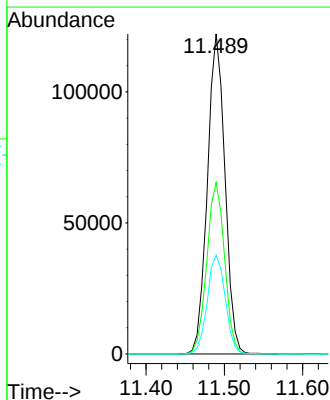
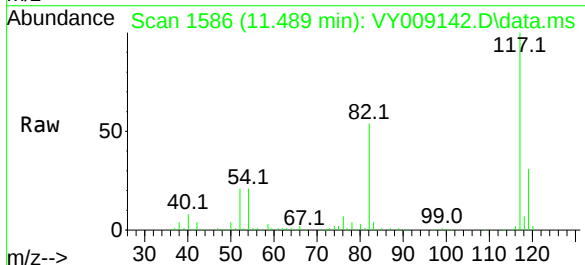
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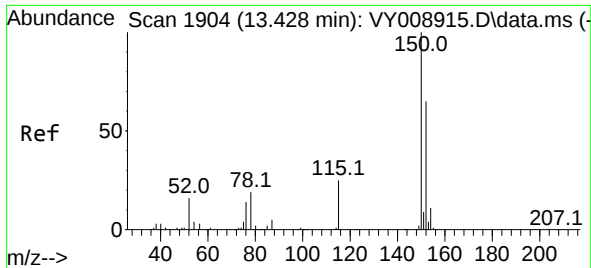
Tgt Ion: 95 Resp: 72658
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 89.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009142.D
Acq: 06 Jun 2022 13:07

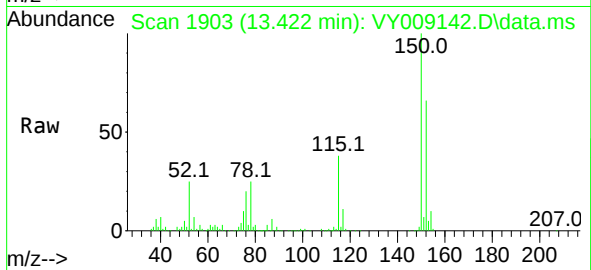
Tgt Ion: 117 Resp: 189870
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 30.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009142.D
 Acq: 06 Jun 2022 13:07

Instrument : MSVOA_Y
 ClientSampleId : 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)RE



Tgt Ion:152 Resp: 83044
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 158.5 0.0 347.6

