

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009126.D
 Acq On : 02 Jun 2022 14:41
 Operator : KP/MD
 Sample : N3099-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220429-AMENDED-COMPOSITE-I

Quant Time: Jun 03 03:12:20 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)

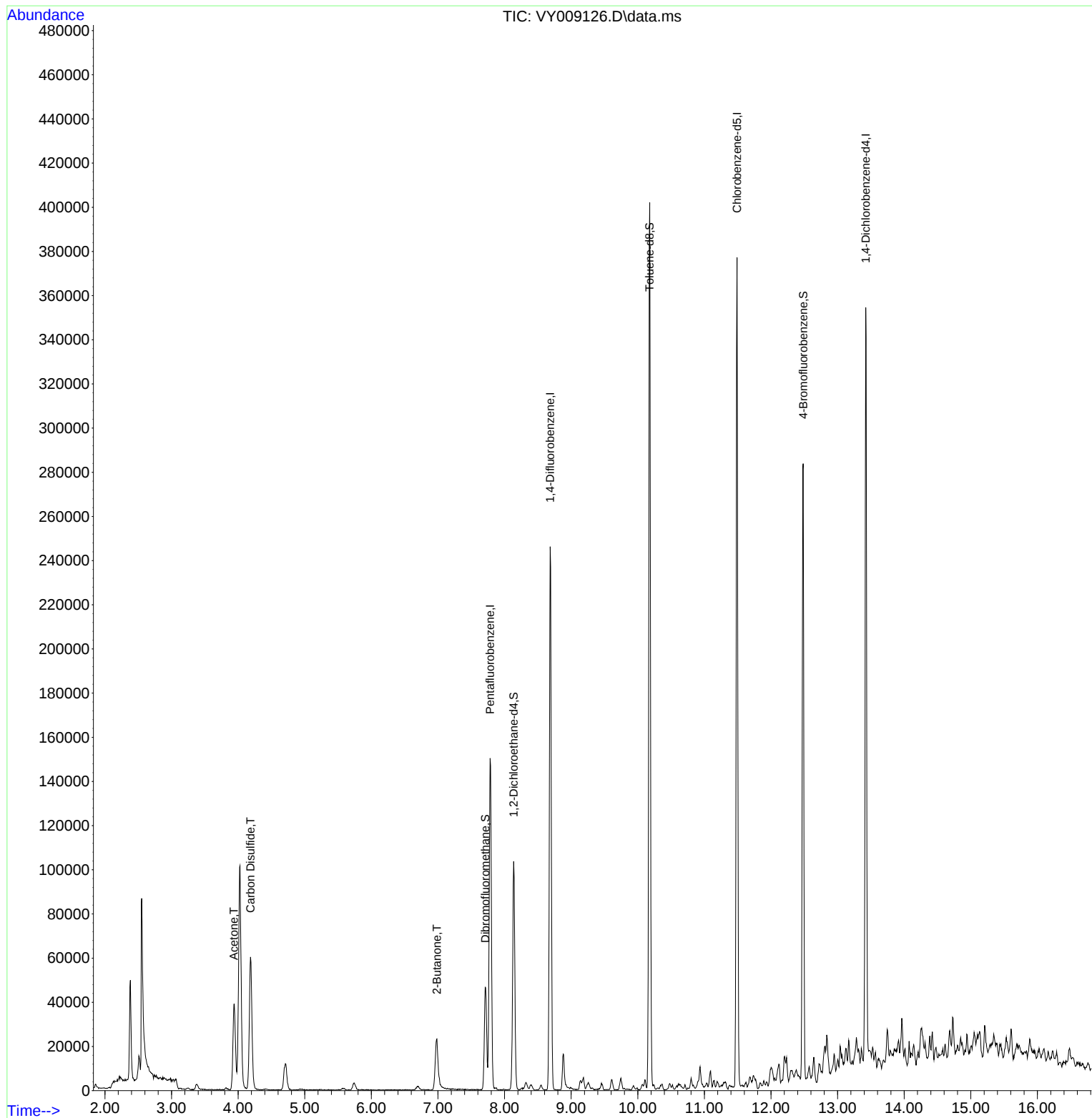
Internal Standards						
1) Pentafluorobenzene	7.783	168	116932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	191550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	74367	61.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.600%
35) Dibromofluoromethane	7.710	113	33463	25.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.480%#
50) Toluene-d8	10.179	98	256387	53.461	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.920%
62) 4-Bromofluorobenzene	12.483	95	74836	38.684	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.360%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	67254	268.473	ug/l	97
17) Carbon Disulfide	4.186	76	117386	32.669	ug/l	98
25) 2-Butanone	6.984	43	15079	33.701	ug/l #	89

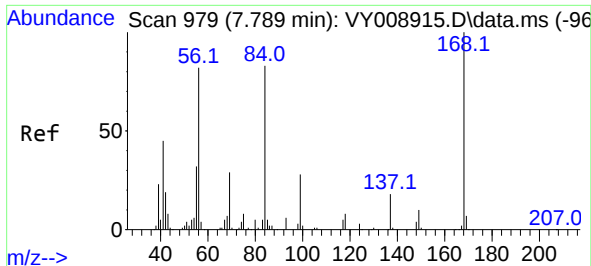
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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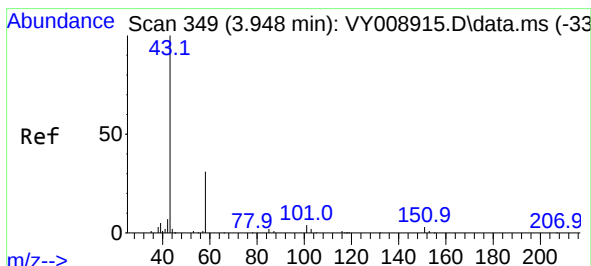
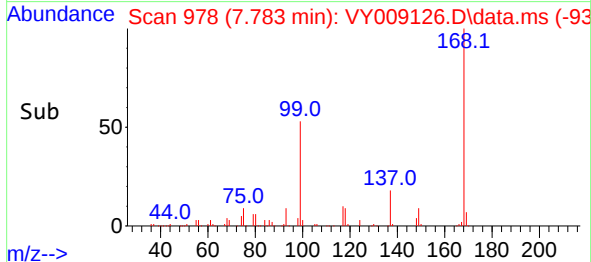
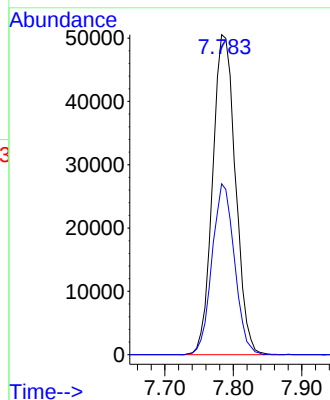
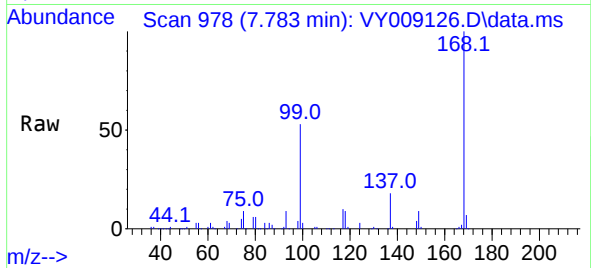




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009126.D
Acq: 02 Jun 2022 14:41

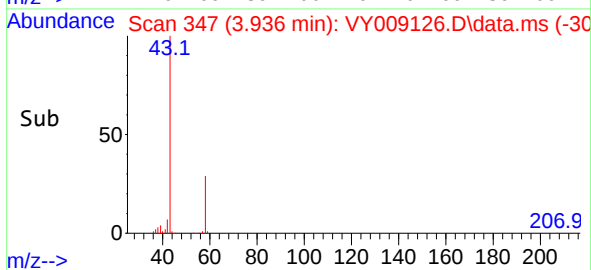
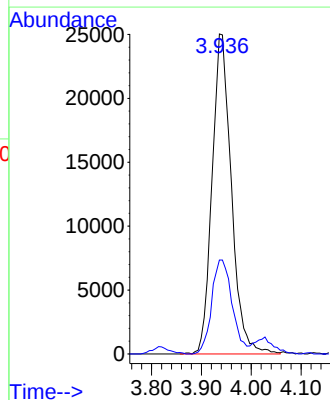
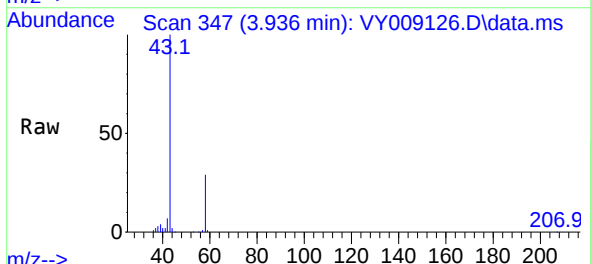
Instrument :
MSVOA_Y
ClientSampleId :
20220429-AMENDED-COMPOSITE-I

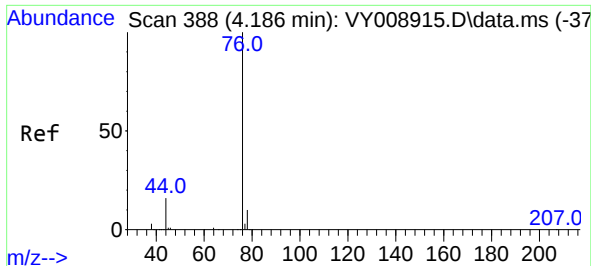
Tgt Ion:168 Resp: 116932
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#16
Acetone
Concen: 268.473 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009126.D
Acq: 02 Jun 2022 14:41

Tgt Ion: 43 Resp: 67254
Ion Ratio Lower Upper
43 100
58 28.9 22.0 33.0

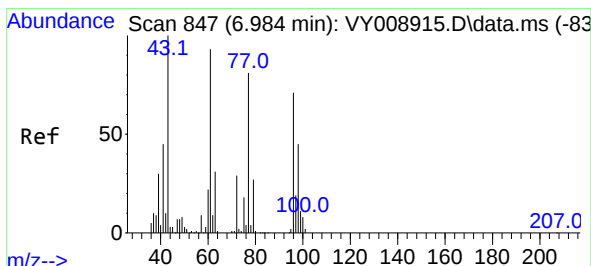
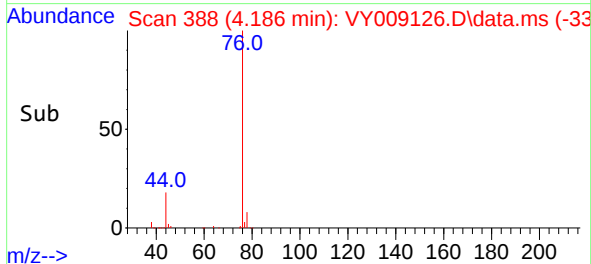
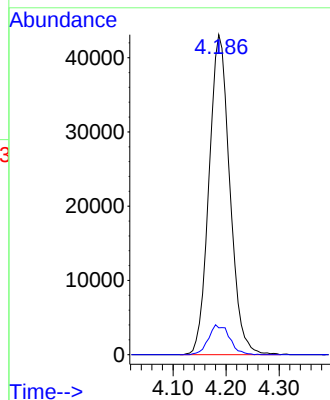
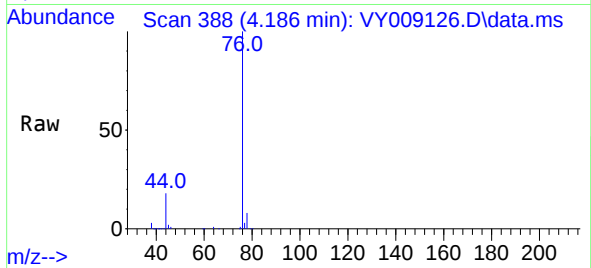




#17
Carbon Disulfide
Concen: 32.669 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009126.D
Acq: 02 Jun 2022 14:41

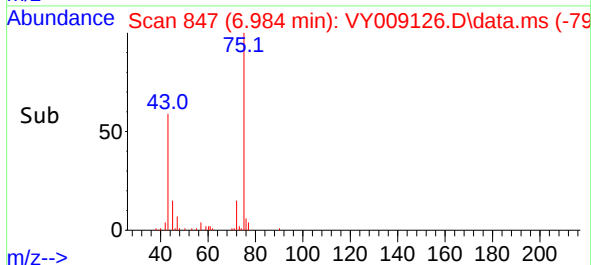
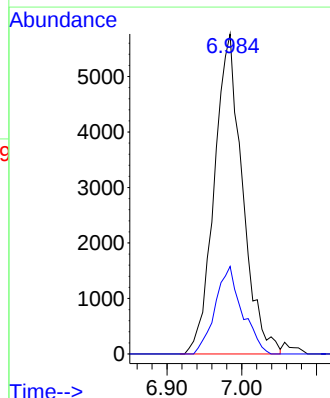
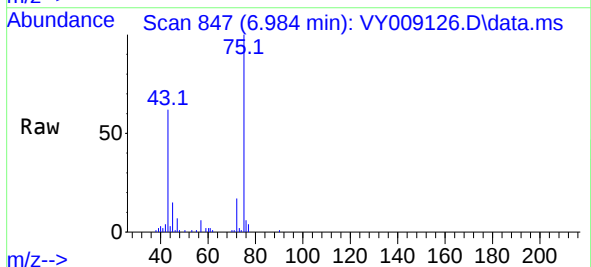
Instrument : MSVOA_Y
ClientSampleId : 20220429-AMENDED-COMPOSITE-I

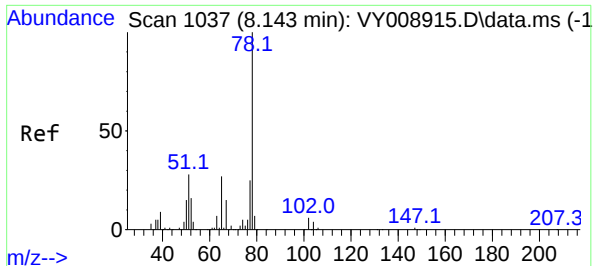
Tgt Ion: 76 Resp: 117386
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#25
2-Butanone
Concen: 33.701 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009126.D
Acq: 02 Jun 2022 14:41

Tgt Ion: 43 Resp: 15079
Ion Ratio Lower Upper
43 100
72 27.3 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 61.795 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY009126.D

Acq: 02 Jun 2022 14:41

Instrument :

MSVOA_Y

ClientSampleId :

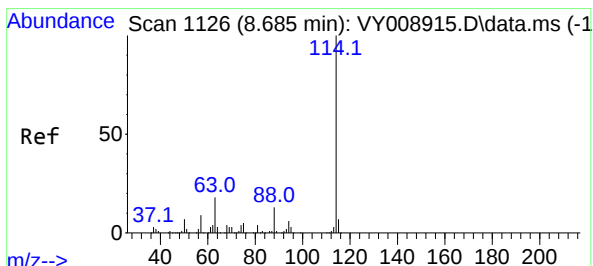
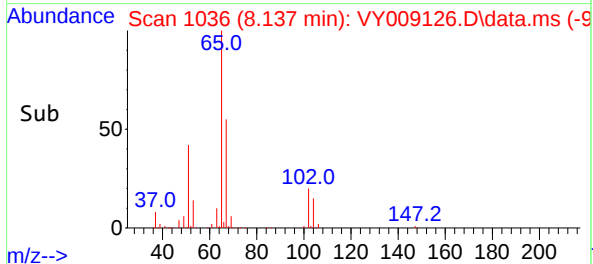
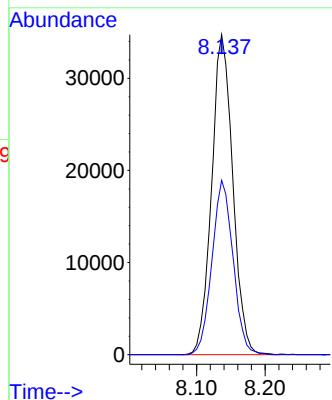
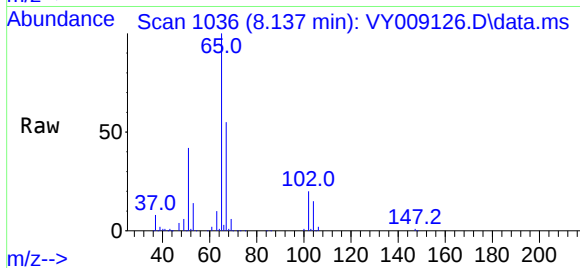
20220429-AMENDED-COMPOSITE-I

Tgt Ion: 65 Resp: 74367

Ion Ratio Lower Upper

65 100

67 54.3 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: VY009126.D

Acq: 02 Jun 2022 14:41

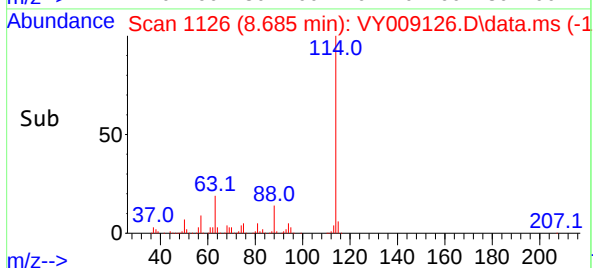
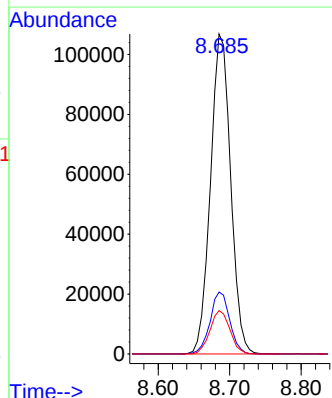
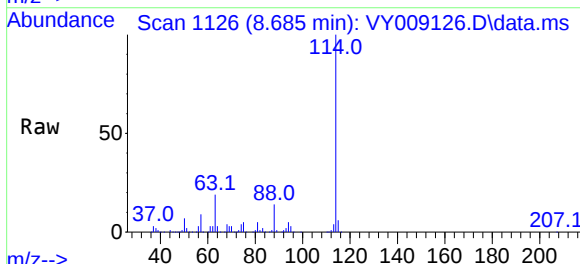
Tgt Ion: 114 Resp: 209051

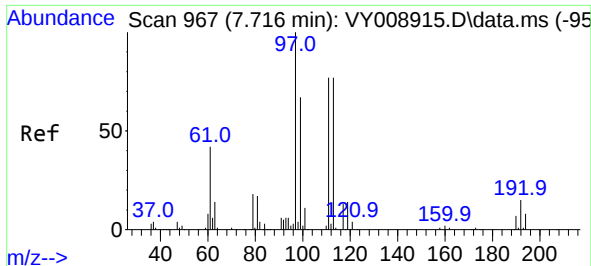
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.5 0.0 31.8

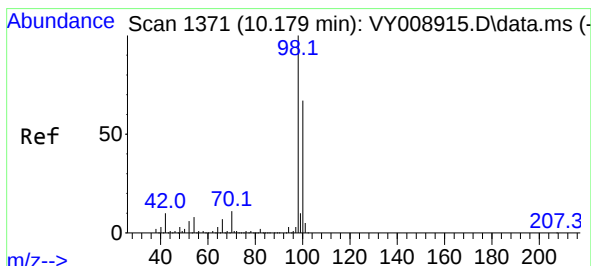
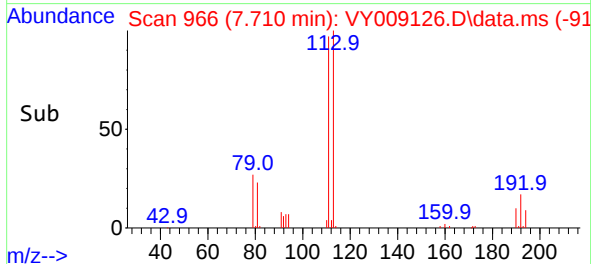
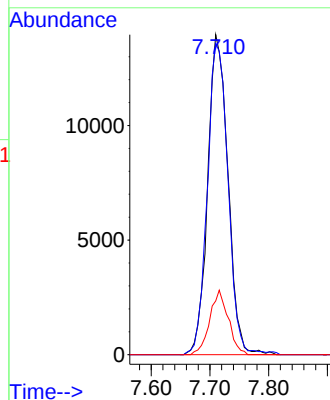
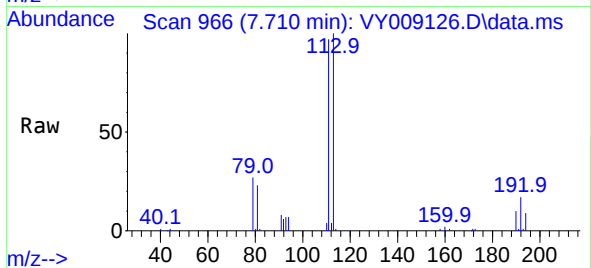




#35
Dibromofluoromethane
Concen: 25.741 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY009126.D
Acq: 02 Jun 2022 14:41

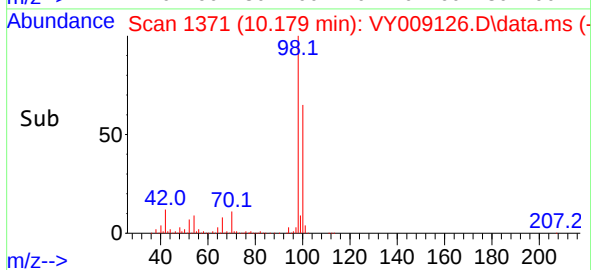
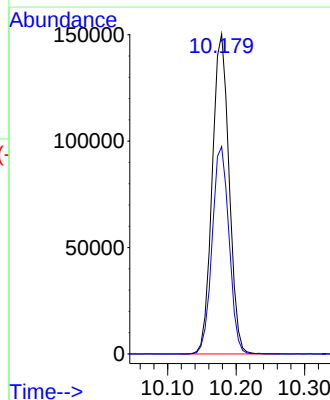
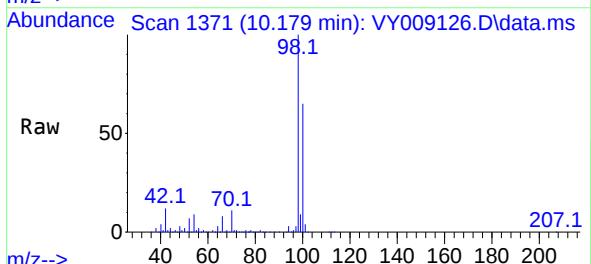
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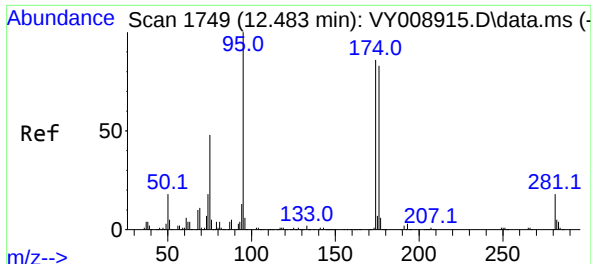
Tgt Ion:113 Resp: 33463
Ion Ratio Lower Upper
113 100
111 99.6 82.6 124.0
192 18.5 17.6 26.4



#50
Toluene-d8
Concen: 53.461 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009126.D
Acq: 02 Jun 2022 14:41

Tgt Ion: 98 Resp: 256387
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

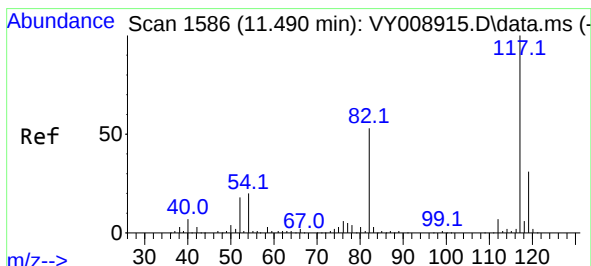
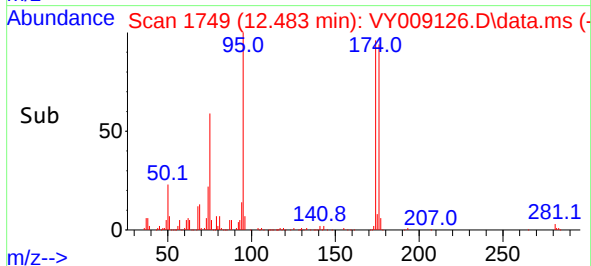
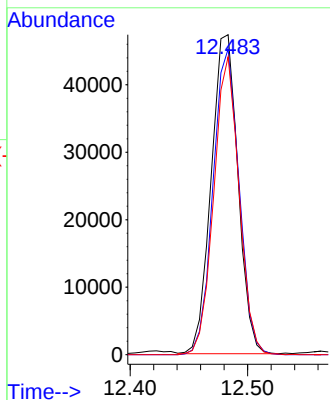
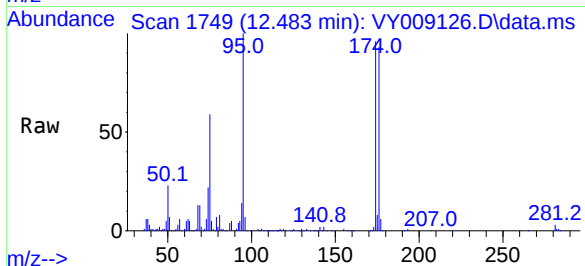




#62
4-Bromofluorobenzene
Concen: 38.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009126.D
Acq: 02 Jun 2022 14:41

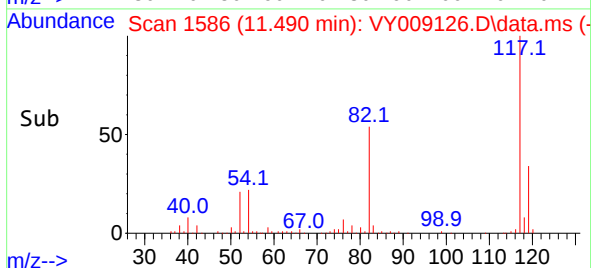
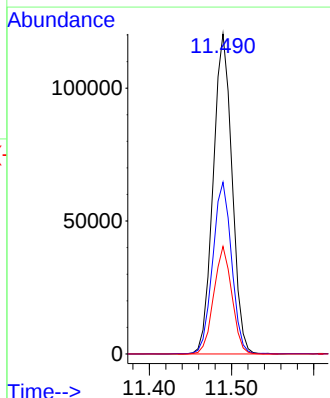
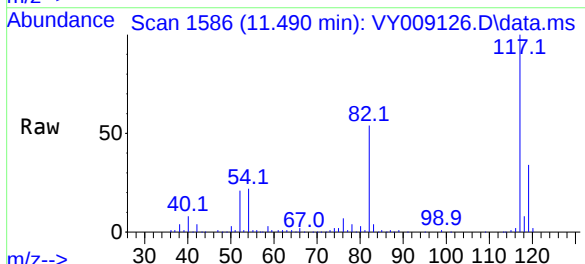
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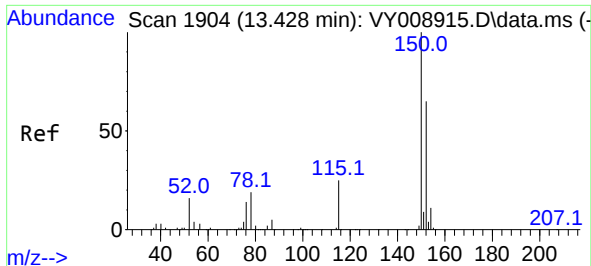
Tgt Ion:	95	Resp:	74836
Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	177.0
176	88.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009126.D
Acq: 02 Jun 2022 14:41

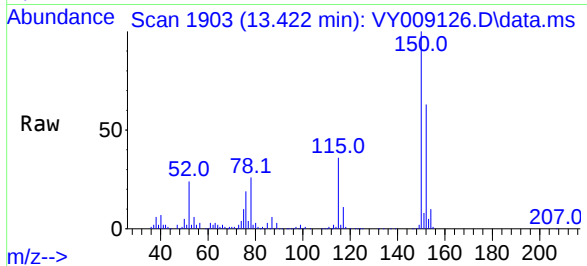
Tgt Ion:	117	Resp:	191550
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	33.6	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009126.D
 Acq: 02 Jun 2022 14:41

Instrument : MSVOA_Y
 ClientSampleId : 20220429-AMENDED-COMPOSITE-I



Tgt Ion:152 Resp: 82252
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 159.4 0.0 347.6

