

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009132.D
 Acq On : 02 Jun 2022 17:10
 Operator : KP/MD
 Sample : N3143-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220425-AMENDED-COMP-E

Quant Time: Jun 03 03:13:17 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)

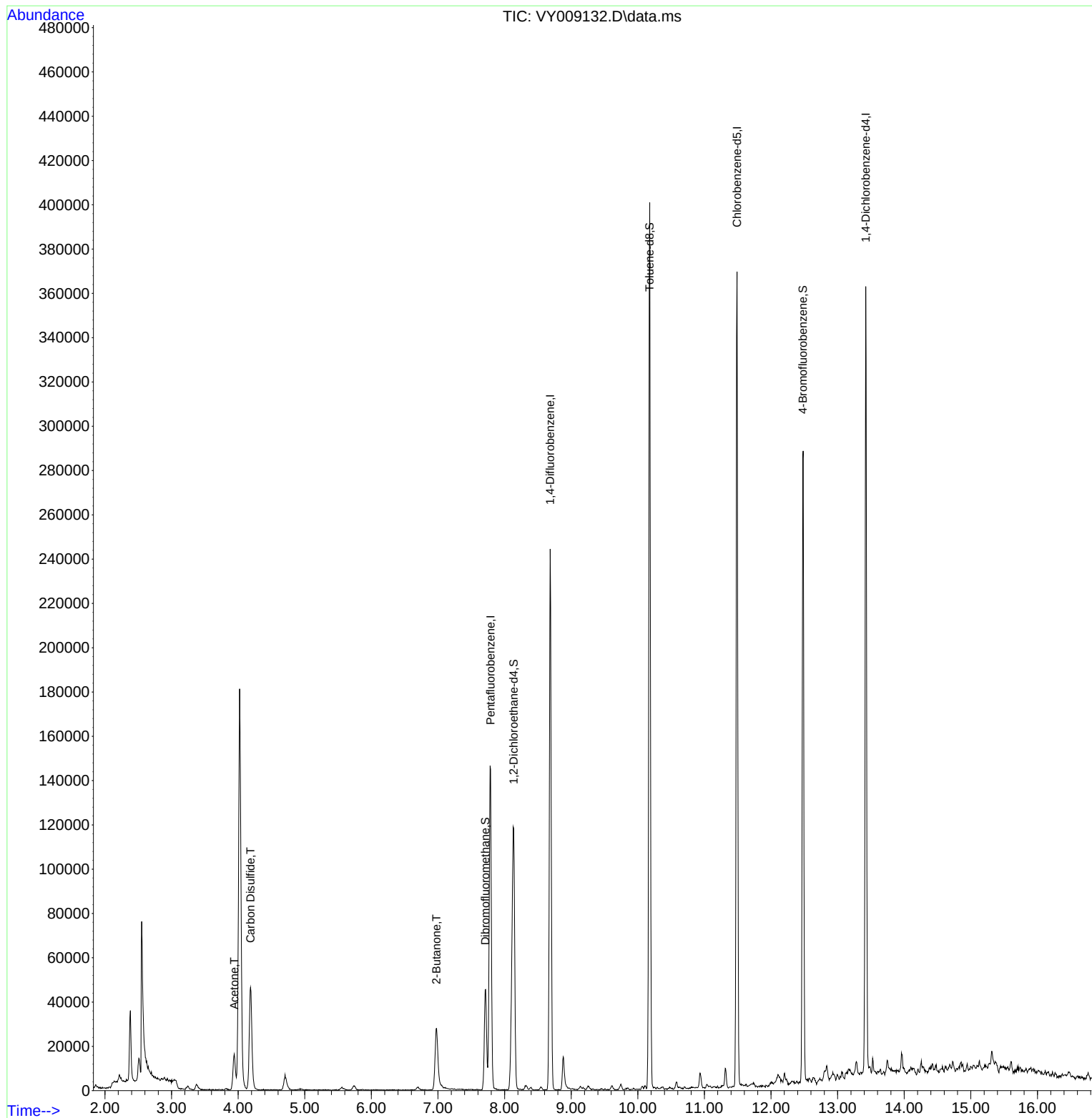
Internal Standards						
1) Pentafluorobenzene	7.789	168	111107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	197736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71871	62.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.700%
35) Dibromofluoromethane	7.710	113	31274	25.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.860%#
50) Toluene-d8	10.179	98	246360	54.310	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.620%
62) 4-Bromofluorobenzene	12.477	95	73502	40.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.340%
Target Compounds					Qvalue	
16) Acetone	3.942	43	27425	115.218	ug/l	90
17) Carbon Disulfide	4.186	76	88726	25.988	ug/l	97
25) 2-Butanone	6.978	43	7615	17.912	ug/l	92

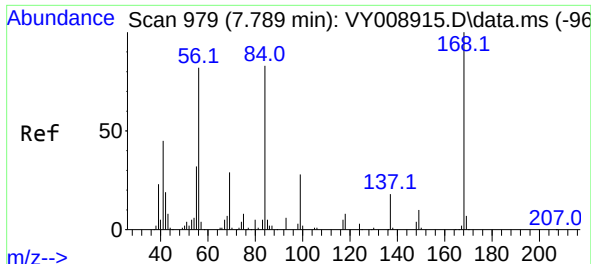
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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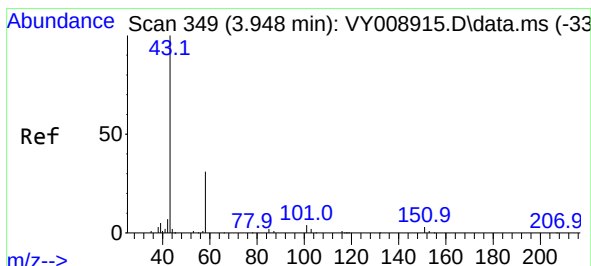
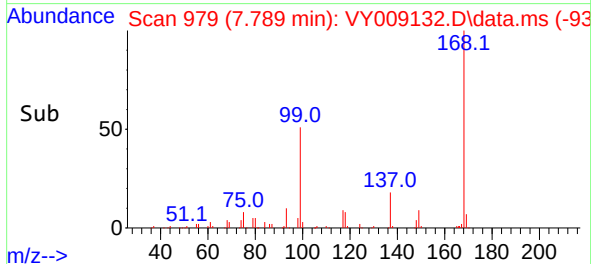
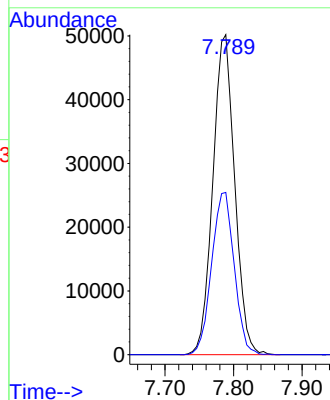
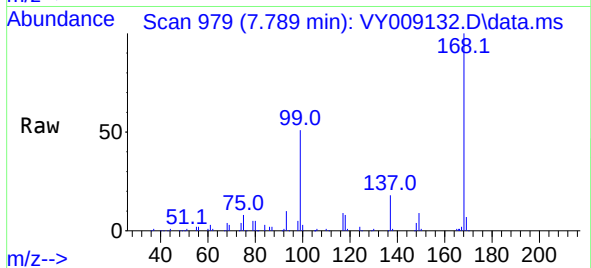




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

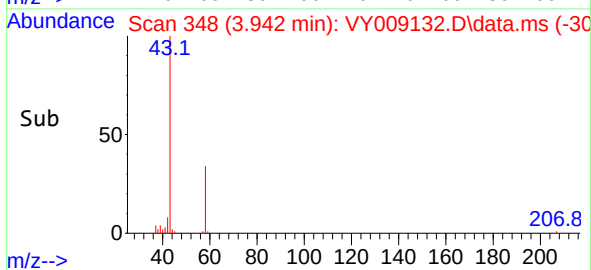
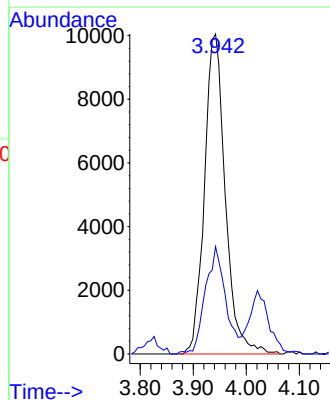
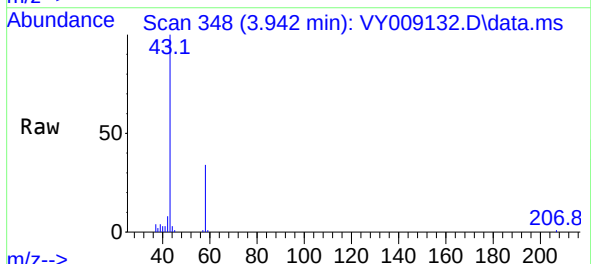
Instrument :
MSVOA_Y
ClientSampleId :
20220425-AMENDED-COMP-E

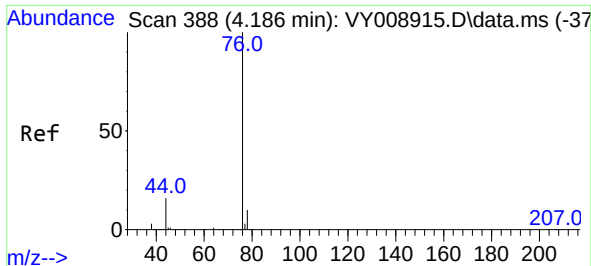
Tgt Ion:168 Resp: 111107
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#16
Acetone
Concen: 115.218 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 43 Resp: 27425
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

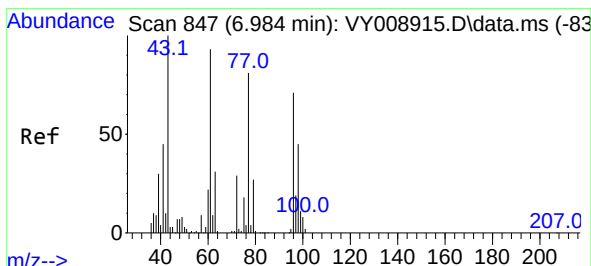
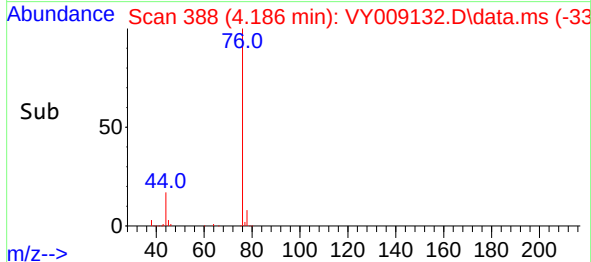
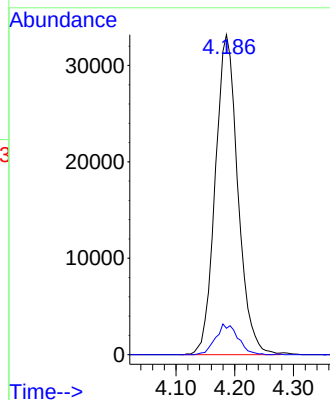
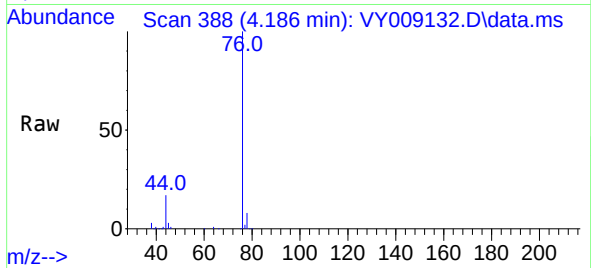




#17
Carbon Disulfide
Concen: 25.988 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

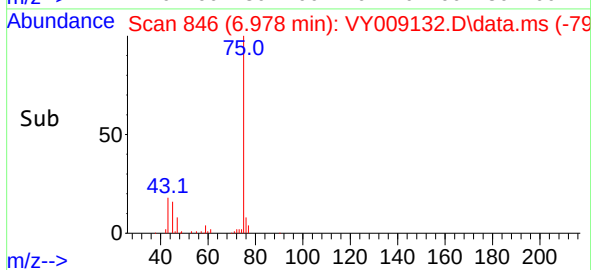
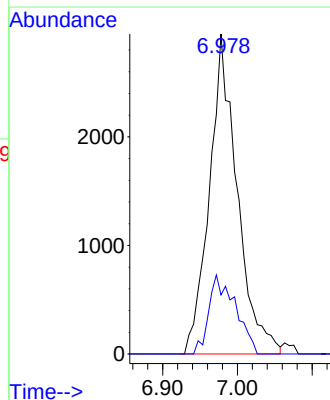
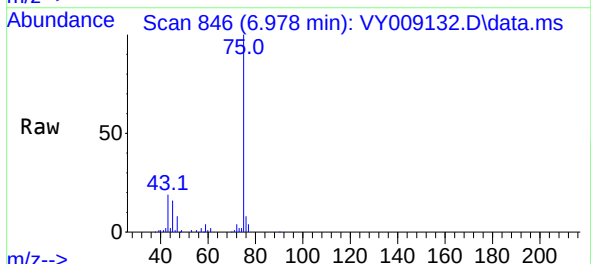
Instrument : MSVOA_Y
ClientSampleId : 20220425-AMENDED-COMP-E

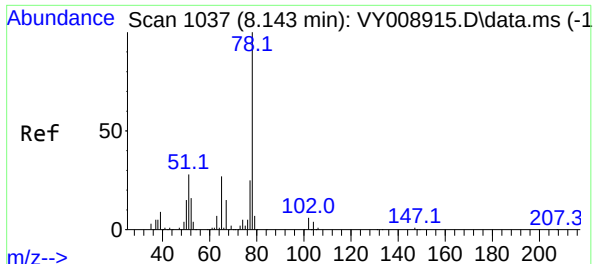
Tgt Ion: 76 Resp: 88726
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#25
2-Butanone
Concen: 17.912 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 43 Resp: 7615
Ion Ratio Lower Upper
43 100
72 18.5 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 62.852 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009132.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

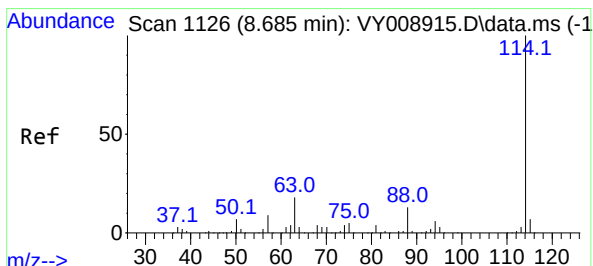
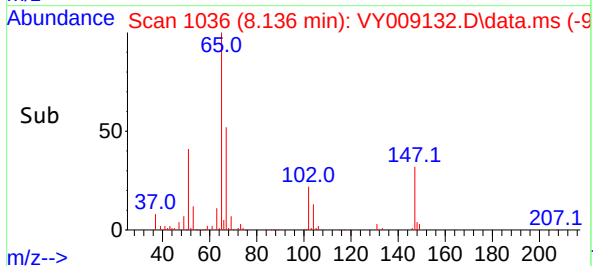
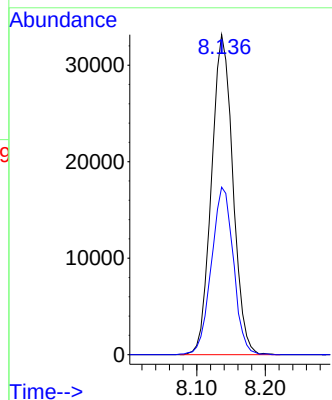
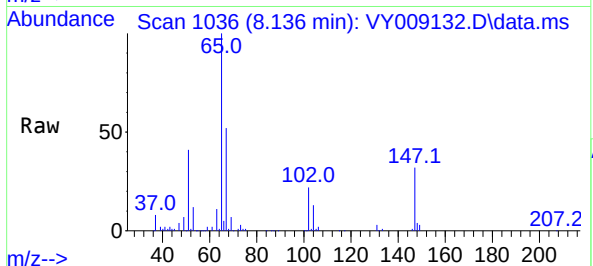
20220425-AMENDED-COMP-E

Tgt Ion: 65 Resp: 71871

Ion Ratio Lower Upper

65 100

67 53.9 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: VY009132.D

Acq: 02 Jun 2022 17:10

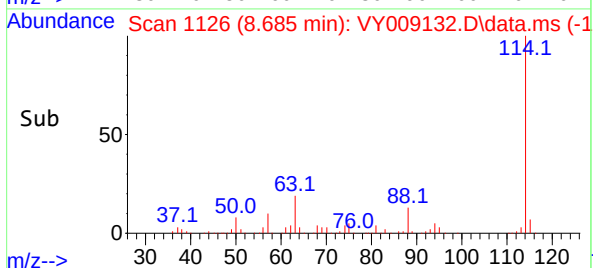
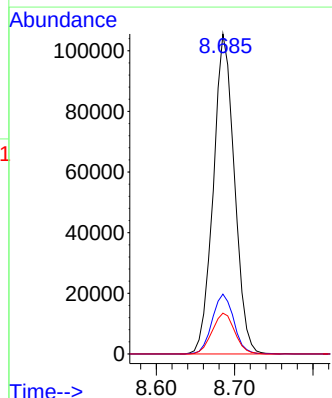
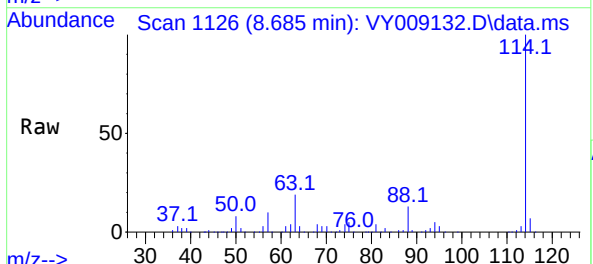
Tgt Ion: 114 Resp: 197736

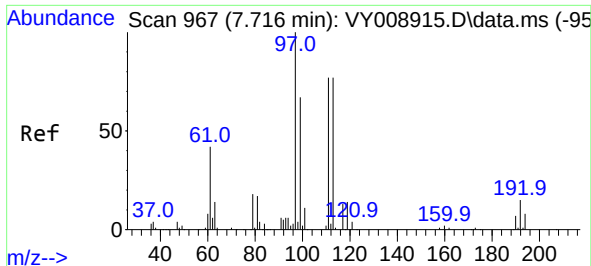
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 12.8 0.0 31.8

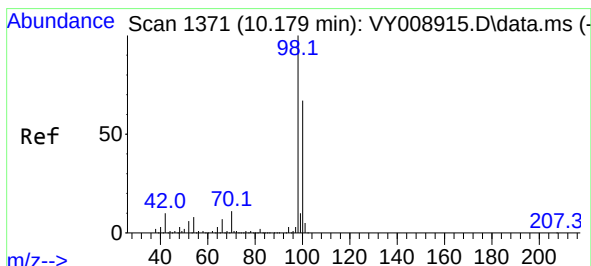
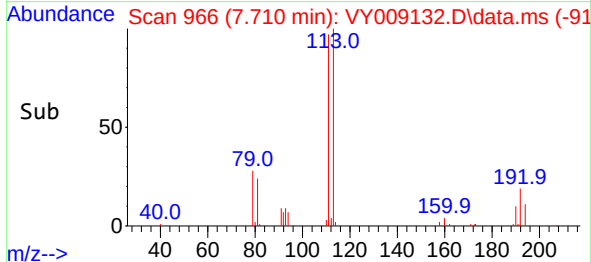
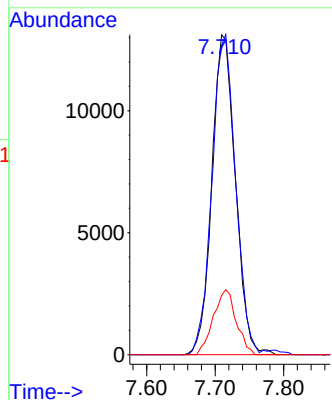
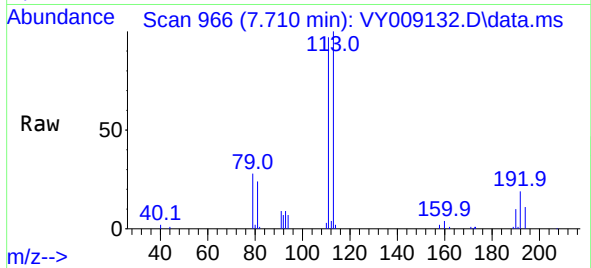




#35
Dibromofluoromethane
Concen: 25.434 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

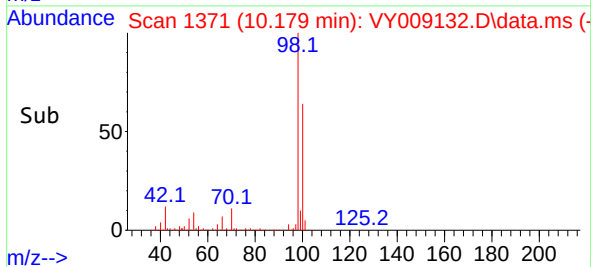
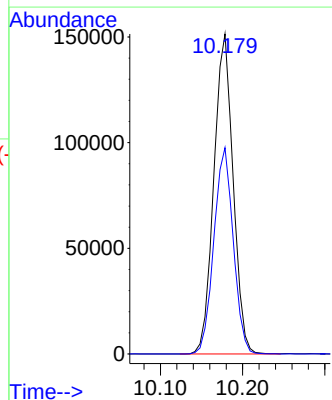
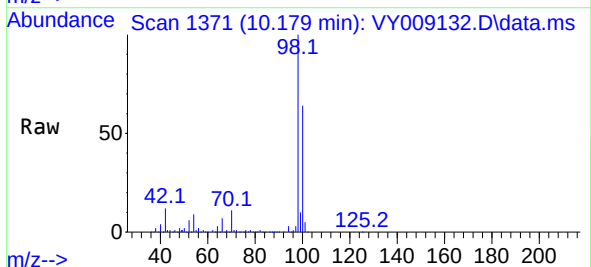
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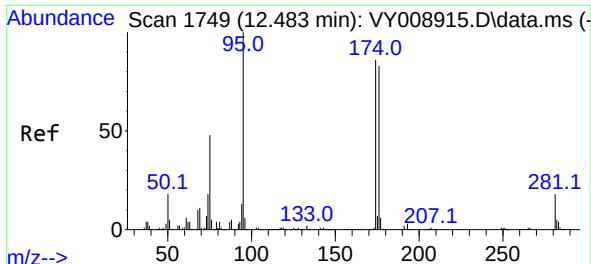
Tgt Ion:113 Resp: 31274
Ion Ratio Lower Upper
113 100
111 100.5 82.6 124.0
192 19.7 17.6 26.4



#50
Toluene-d8
Concen: 54.310 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 98 Resp: 246360
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

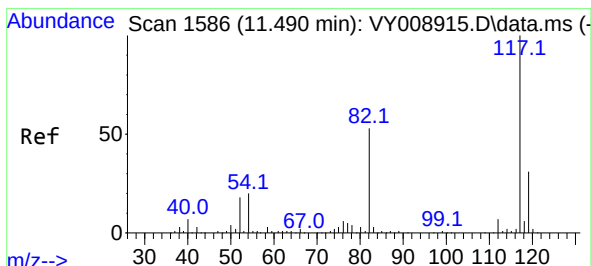
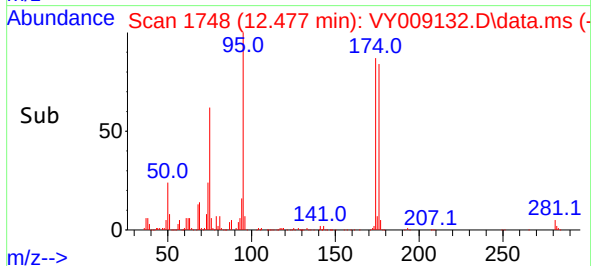
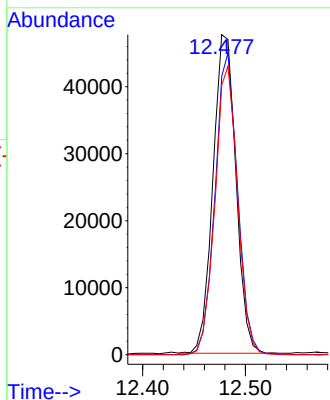
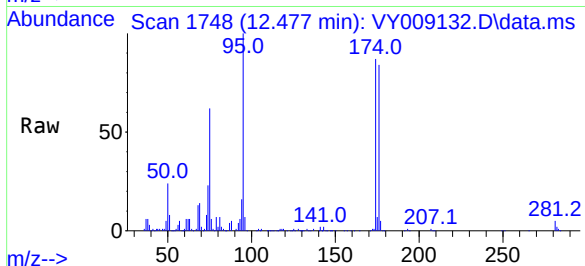




#62
4-Bromofluorobenzene
Concen: 40.168 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

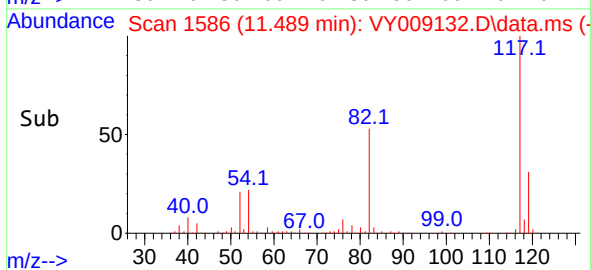
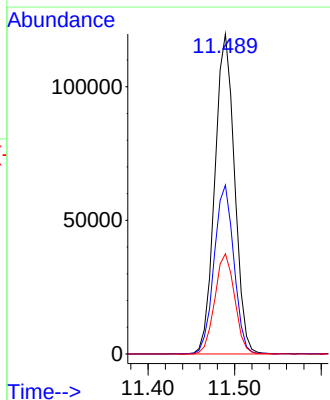
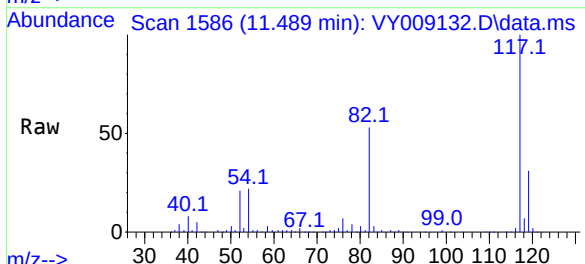
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MSVOA_Y
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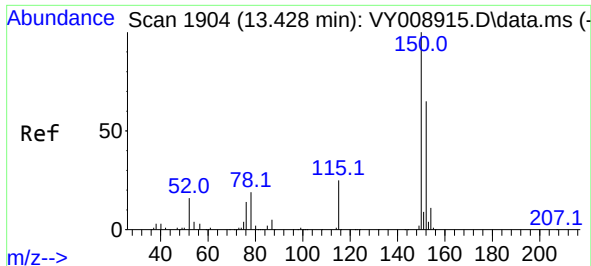
Tgt Ion:	95	Resp:	73502
Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	177.0
176	89.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009132.D
Acq: 02 Jun 2022 17:10

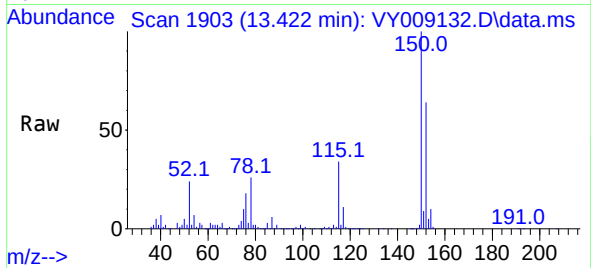
Tgt Ion:	117	Resp:	189443
Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	31.3	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009132.D
 Acq: 02 Jun 2022 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220425-AMENDED-COMP-E



Tgt Ion:152 Resp: 83931
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.7
 150 155.5 0.0 347.6

