

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013104.D
 Acq On : 27 Mar 2023 20:01
 Operator : KP/MD
 Sample : 02109-02
 Misc : 6.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-30-SB02

Quant Time: Mar 28 01:49:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

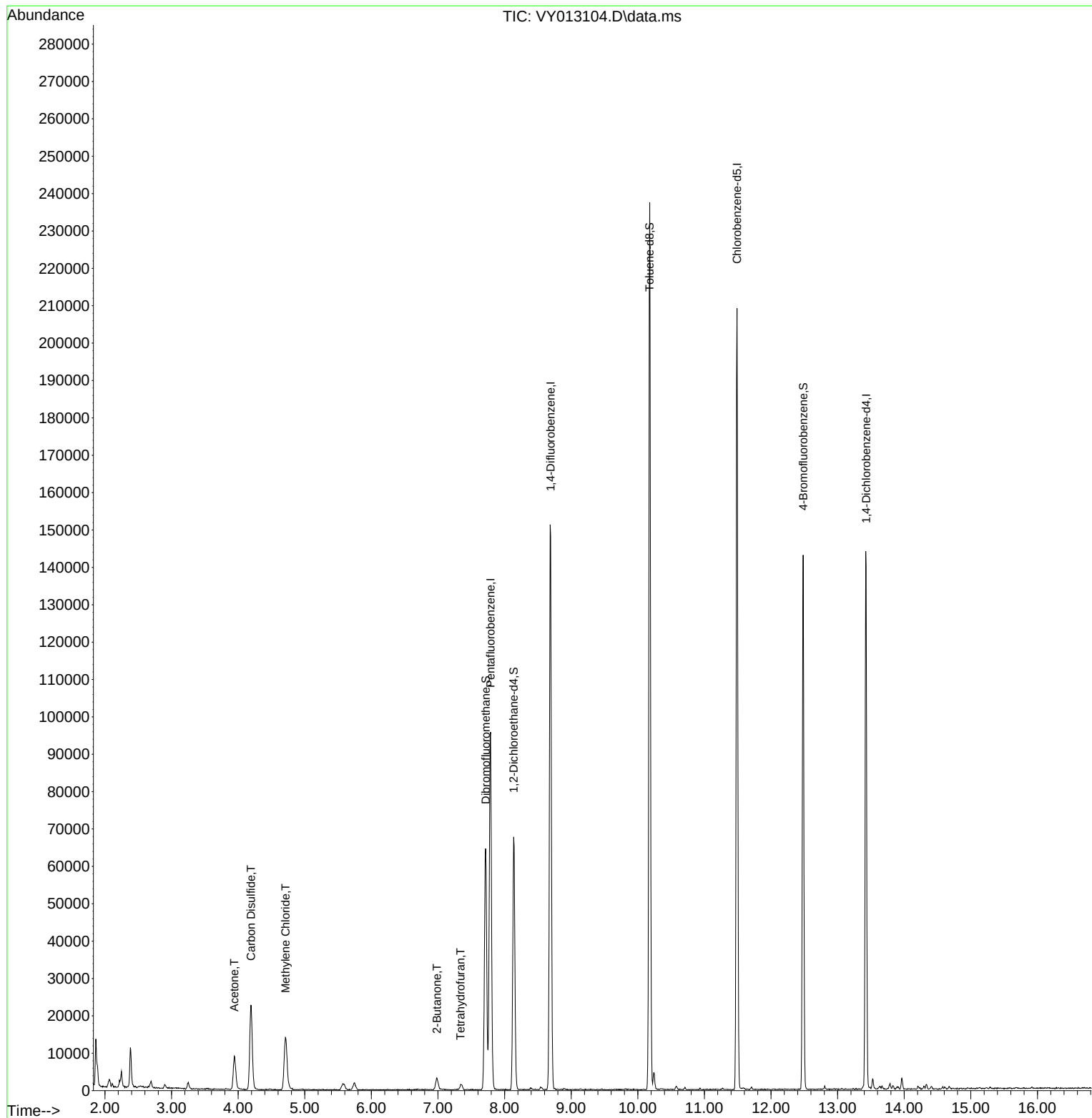
Internal Standards						
1) Pentafluorobenzene	7.789	168	75242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	126733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	111940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51379	68.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.560%
35) Dibromofluoromethane	7.716	113	45437	59.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.820%
50) Toluene-d8	10.179	98	151965	54.349	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.700%
62) 4-Bromofluorobenzene	12.483	95	39918	42.298	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.600%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	15878	54.150	ug/l	95
17) Carbon Disulfide	4.192	76	45790	17.362	ug/l	98
20) Methylene Chloride	4.710	84	10345	6.934	ug/l	97
25) 2-Butanone	6.984	43	4461	12.283	ug/l	95
29) Tetrahydrofuran	7.338	42	1134	5.177	ug/l	96

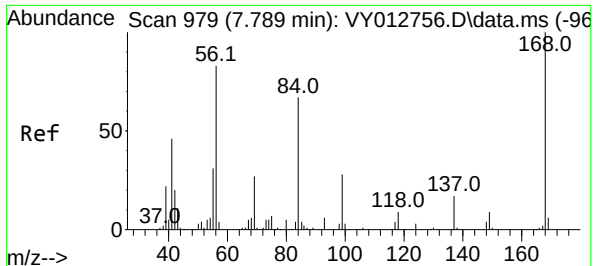
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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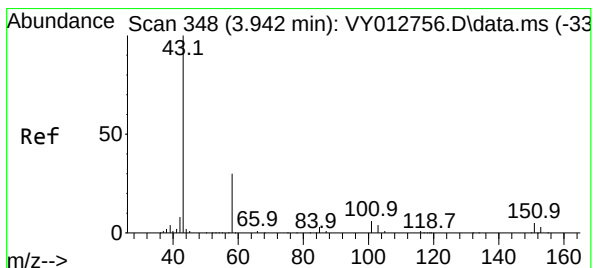
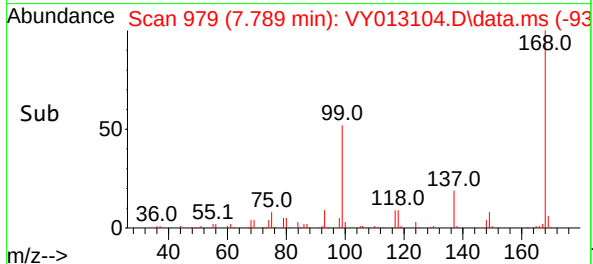
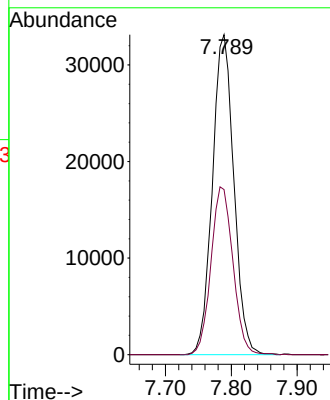
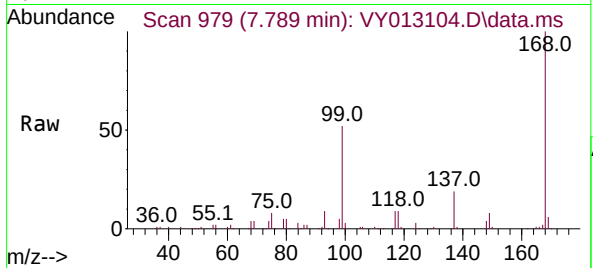




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013104.D
Acq: 27 Mar 2023 20:01

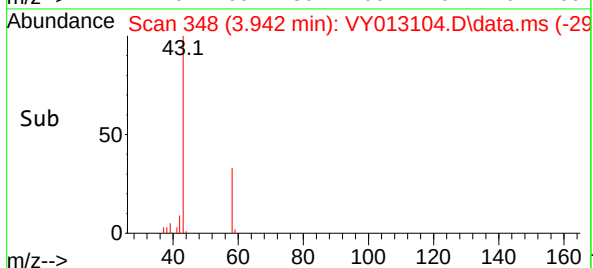
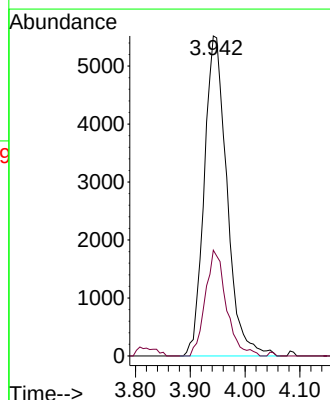
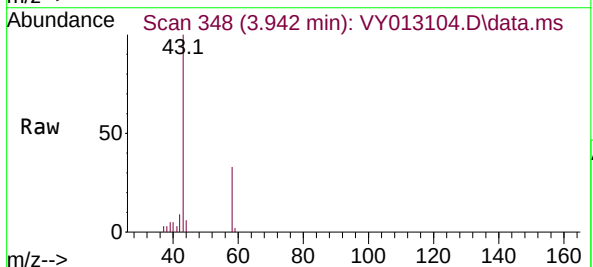
Instrument :
MSVOA_Y
ClientSampleId :
B-30-SB02

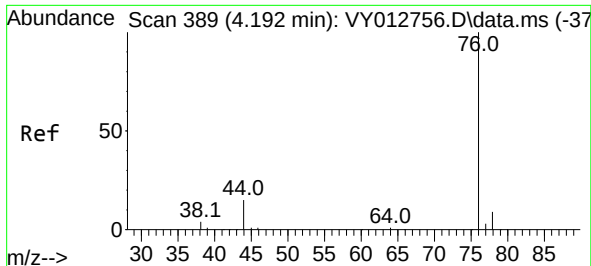
Tgt Ion:168 Resp: 75242
Ion Ratio Lower Upper
168 100
99 51.6 41.7 62.5



#16
Acetone
Concen: 54.150 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013104.D
Acq: 27 Mar 2023 20:01

Tgt Ion: 43 Resp: 15878
Ion Ratio Lower Upper
43 100
58 33.0 24.2 36.2

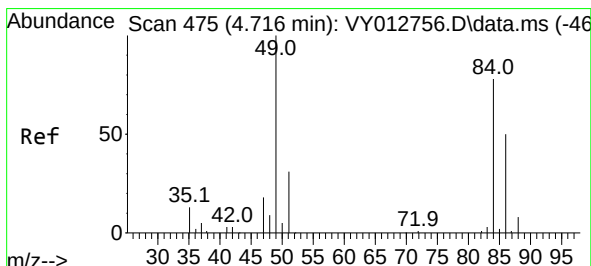
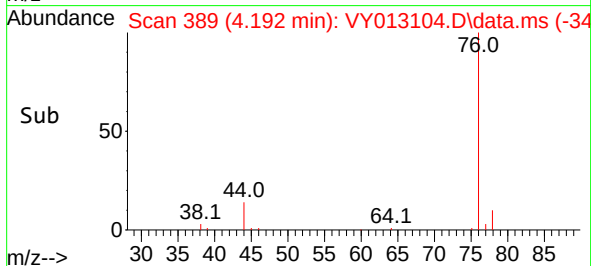
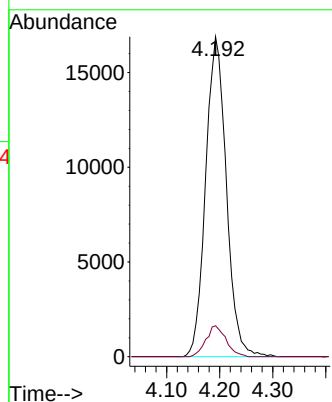
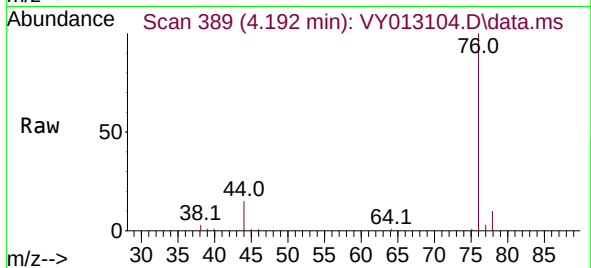




#17
Carbon Disulfide
Concen: 17.362 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013104.D
Acq: 27 Mar 2023 20:01

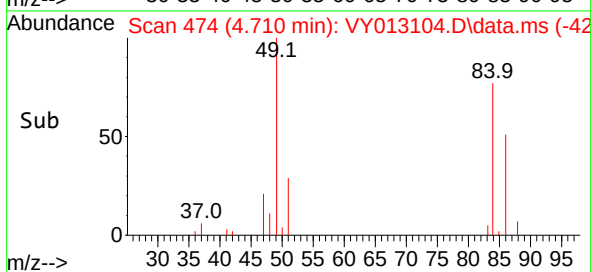
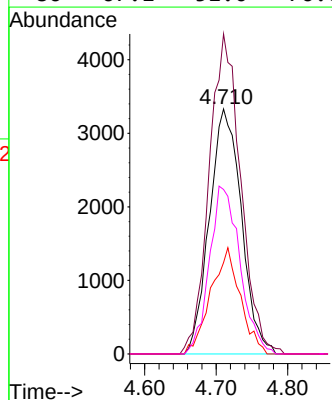
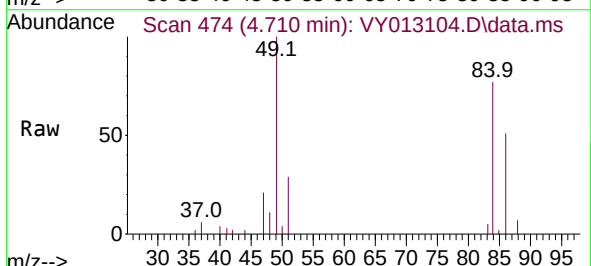
Instrument :
MSVOA_Y
ClientSampleId :
B-30-SB02

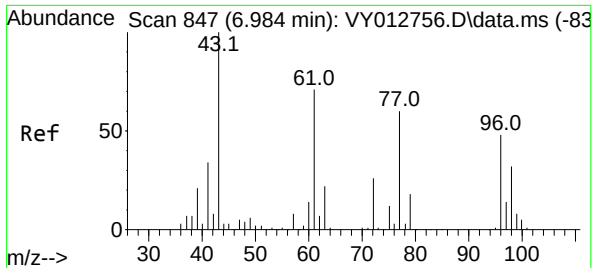
Tgt Ion: 76 Resp: 45790
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#20
Methylene Chloride
Concen: 6.934 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013104.D
Acq: 27 Mar 2023 20:01

Tgt Ion: 84 Resp: 10345
Ion Ratio Lower Upper
84 100
49 130.6 102.6 154.0
51 37.3 31.9 47.9
86 67.1 51.0 76.6





#25

2-Butanone

Concen: 12.283 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013104.D

Acq: 27 Mar 2023 20:01

Instrument :

MSVOA_Y

ClientSampleId :

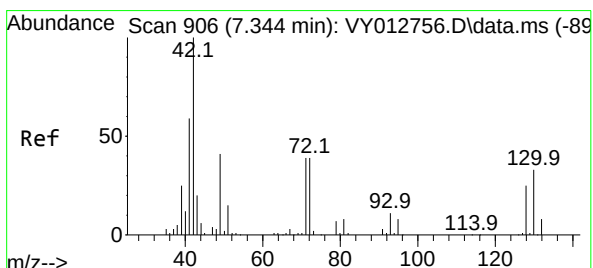
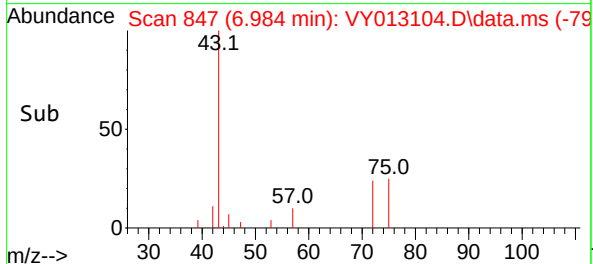
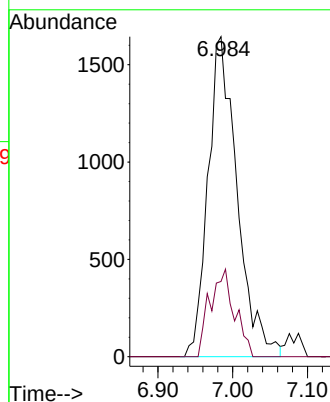
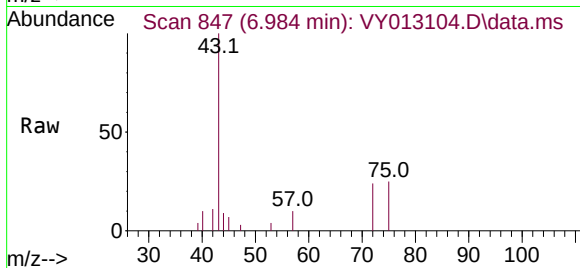
B-30-SB02

Tgt Ion: 43 Resp: 4461

Ion Ratio Lower Upper

43 100

72 23.5 21.0 31.4



#29

Tetrahydrofuran

Concen: 5.177 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013104.D

Acq: 27 Mar 2023 20:01

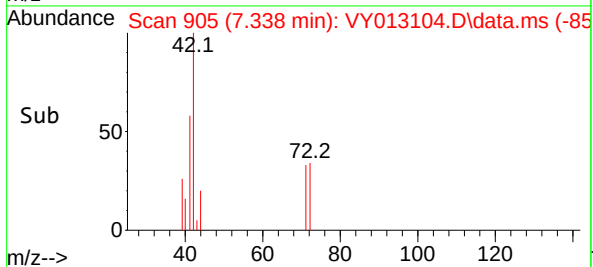
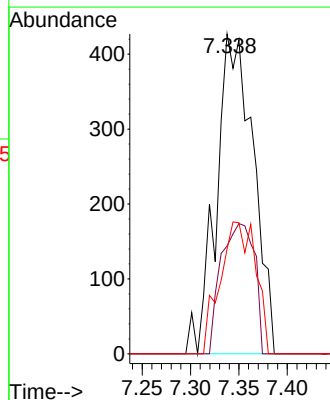
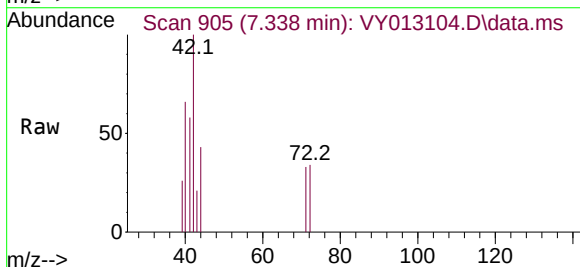
Tgt Ion: 42 Resp: 1134

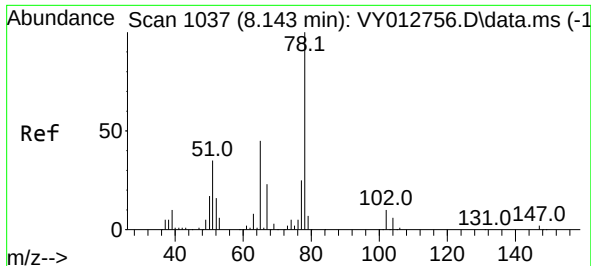
Ion Ratio Lower Upper

42 100

72 36.8 32.3 48.5

71 39.7 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 68.775 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY013104.D

Acq: 27 Mar 2023 20:01

Instrument :

MSVOA_Y

ClientSampleId :

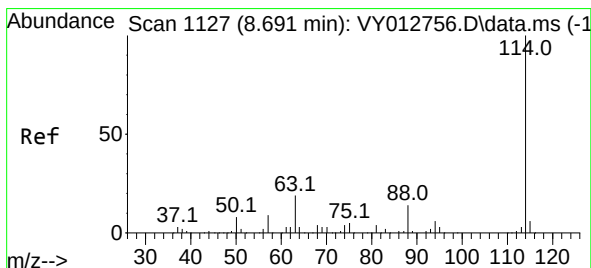
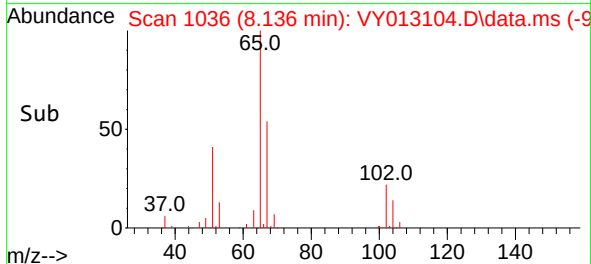
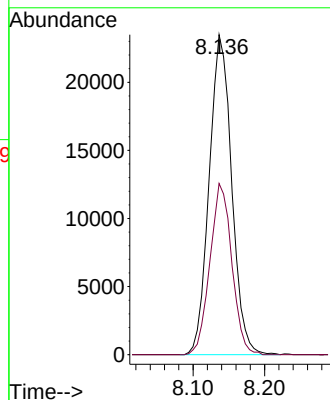
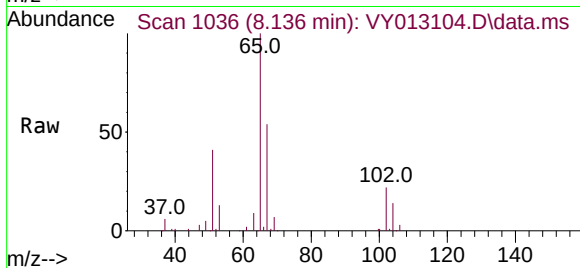
B-30-SB02

Tgt Ion: 65 Resp: 51379

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013104.D

Acq: 27 Mar 2023 20:01

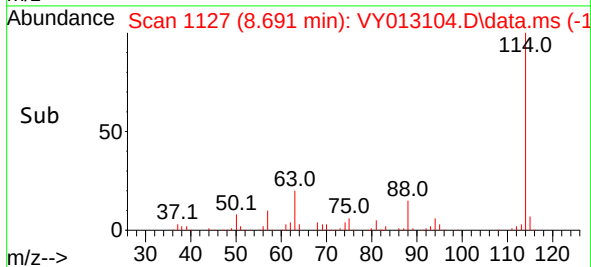
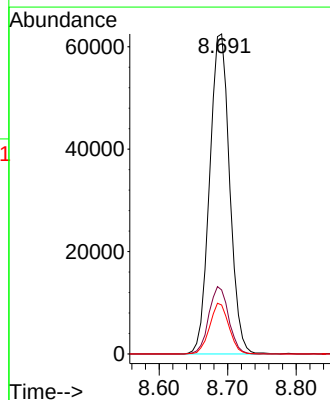
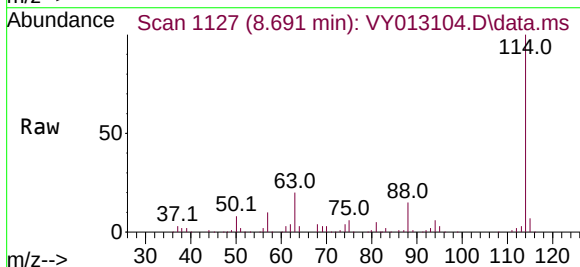
Tgt Ion: 114 Resp: 126733

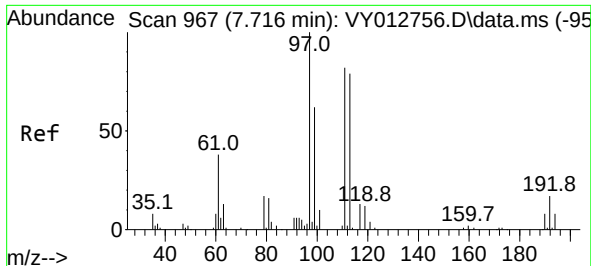
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.3 0.0 28.6

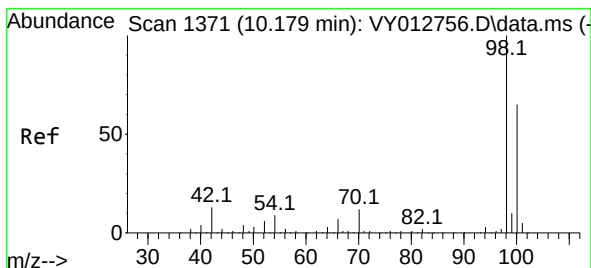
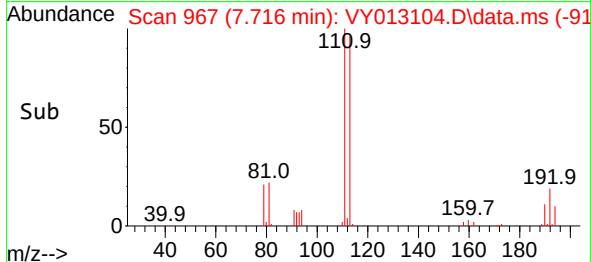
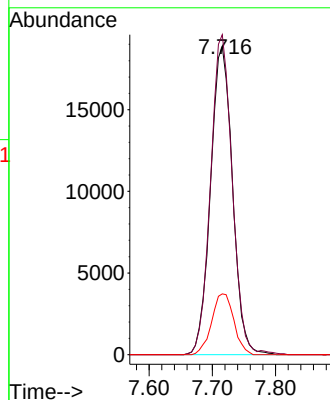
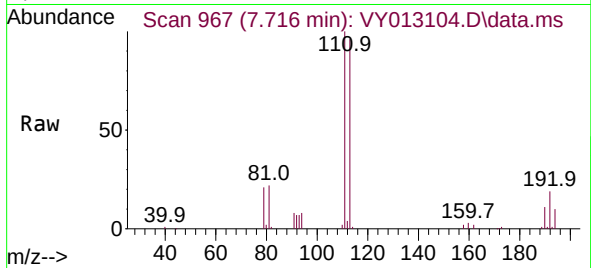




#35
Dibromofluoromethane
Concen: 59.408 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013104.D
Acq: 27 Mar 2023 20:01

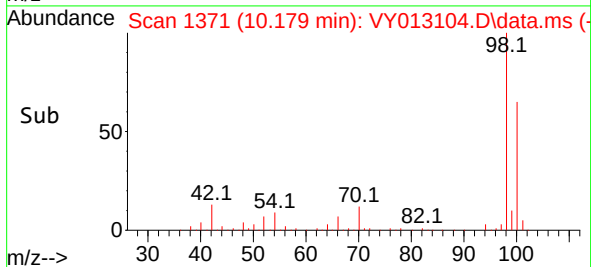
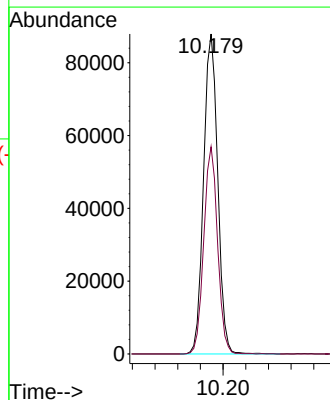
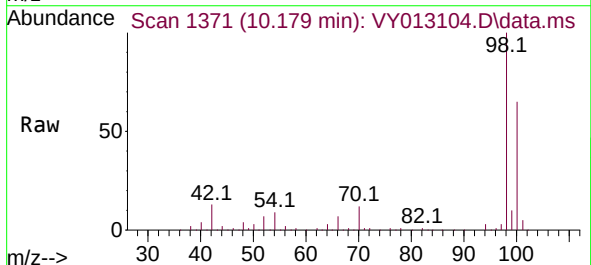
Instrument :
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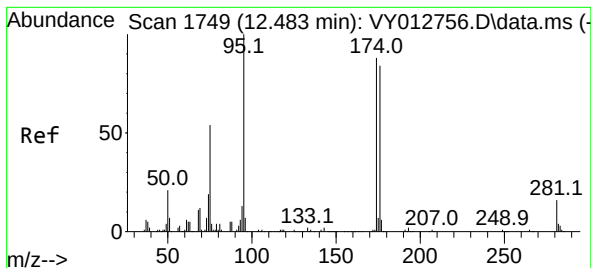
Tgt Ion:113 Resp: 45437
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.9 16.8 25.2



#50
Toluene-d8
Concen: 54.349 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013104.D
Acq: 27 Mar 2023 20:01

Tgt Ion: 98 Resp: 151965
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

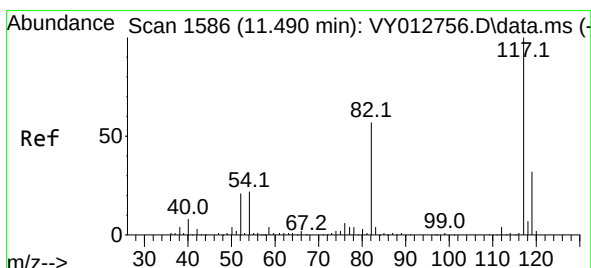
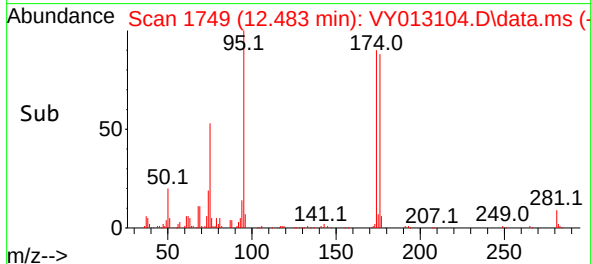
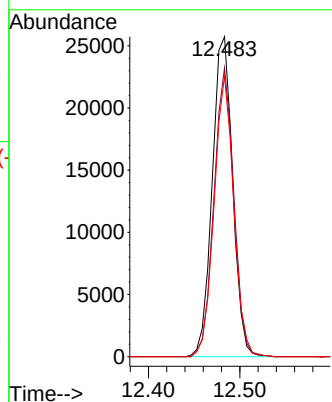
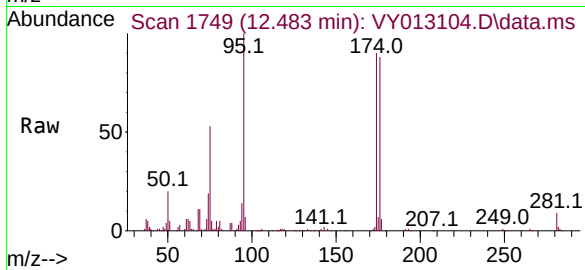




#62
4-Bromofluorobenzene
Concen: 42.298 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013104.D
Acq: 27 Mar 2023 20:01

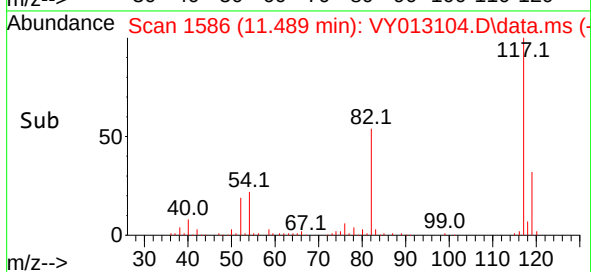
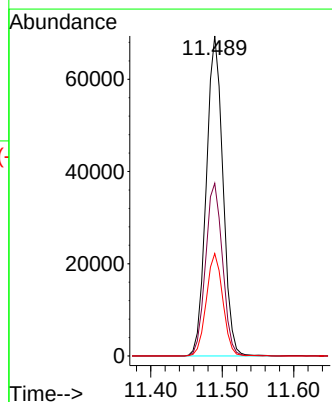
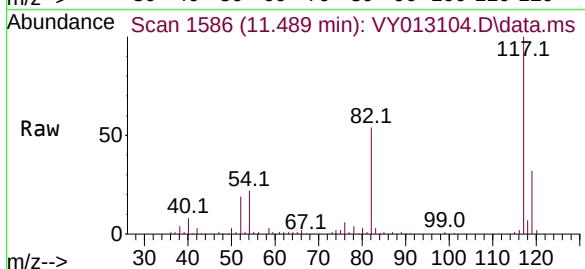
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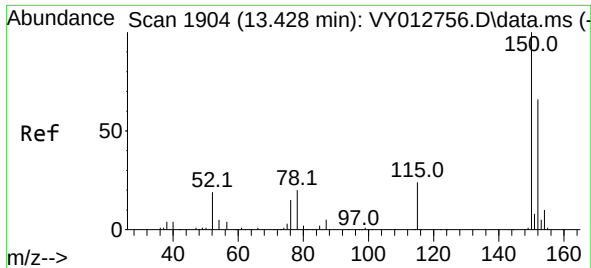
Tgt Ion:	95	Resp:	39918
Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	176.6
176	84.5	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013104.D
Acq: 27 Mar 2023 20:01

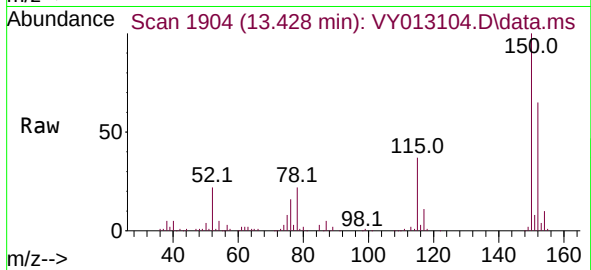
Tgt Ion:	117	Resp:	111940
Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.4	68.0
119	32.0	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013104.D
 Acq: 27 Mar 2023 20:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-30-SB02



Tgt Ion:152 Resp: 37301
 Ion Ratio Lower Upper
 152 100
 115 55.8 27.1 81.3
 150 157.4 0.0 347.8

