

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016192.D
 Acq On : 02 Nov 2023 15:58
 Operator : SY/MD
 Sample : 05220-04
 Misc : 3.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Z-7(0-5)

Quant Time: Nov 03 01:42:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

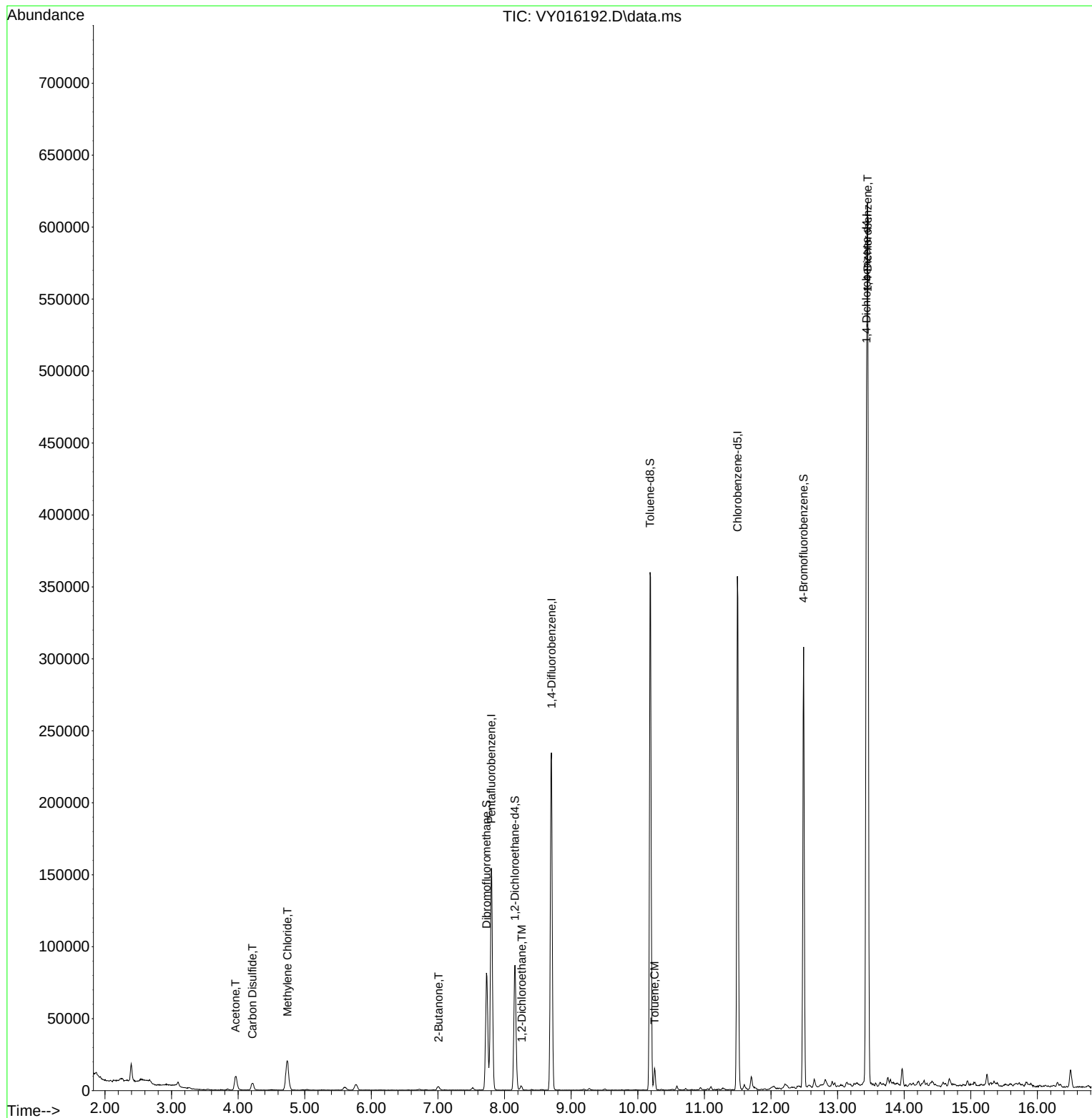
Internal Standards						
1) Pentafluorobenzene	7.801	168	120122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	205719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66951	59.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.120%	
35) Dibromofluoromethane	7.728	113	56900	46.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.780%	
50) Toluene-d8	10.185	98	240021	49.361	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.720%	
62) 4-Bromofluorobenzene	12.489	95	89450	53.797	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.600%	
Target Compounds						
					Qvalue	
16) Acetone	3.961	43	18008	87.999	ug/l	98
17) Carbon Disulfide	4.217	76	10383	4.375	ug/l	99
20) Methylene Chloride	4.741	84	16212	11.857	ug/l	88
25) 2-Butanone	7.009	43	4457	14.372	ug/l	91
42) 1,2-Dichloroethane	8.259	62	2538	1.789	ug/l	99
52) Toluene	10.252	92	6246	1.896	ug/l	95
88) 1,4-Dichlorobenzene	13.453	146	220449	70.102	ug/l	100

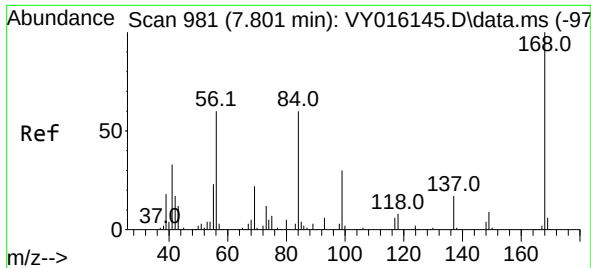
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
Z-7(0-5)

Quant Time: Nov 03 01:42:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

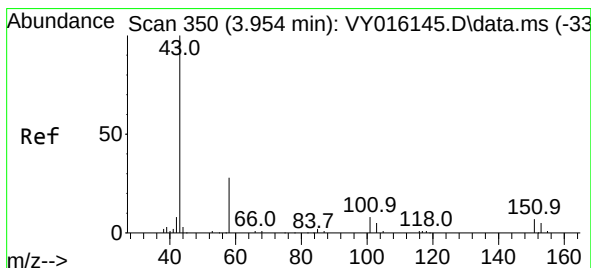
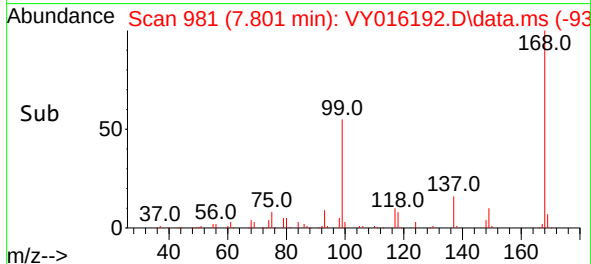
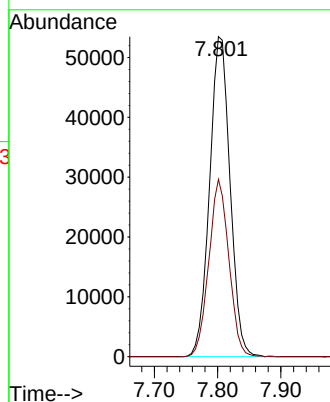
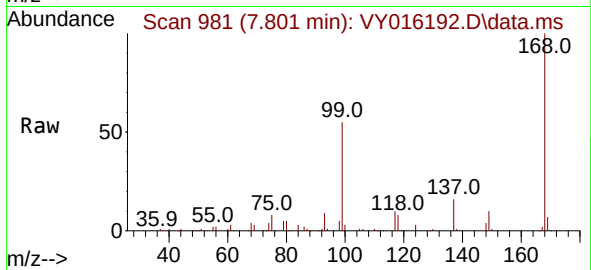




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016192.D
Acq: 02 Nov 2023 15:58

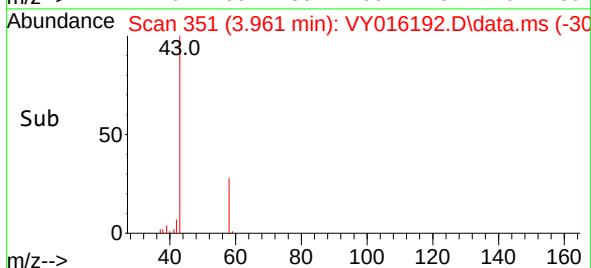
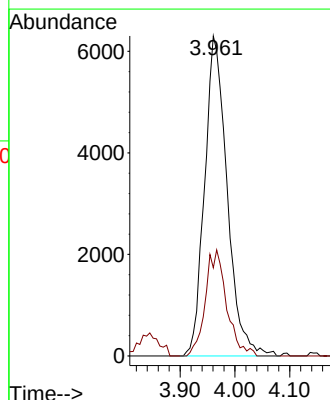
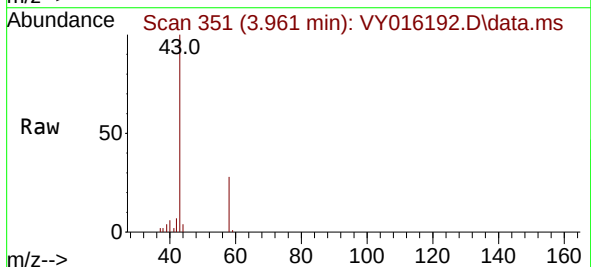
Instrument :
MSVOA_Y
ClientSampleId :
Z-7(0-5)

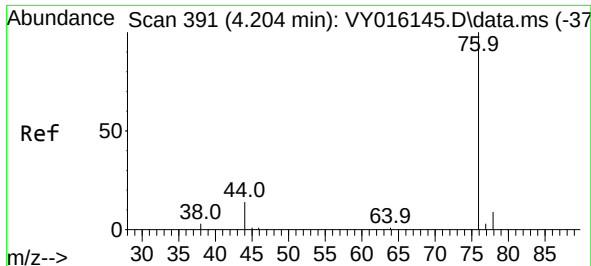
Tgt Ion:168 Resp: 120122
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#16
Acetone
Concen: 87.999 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016192.D
Acq: 02 Nov 2023 15:58

Tgt Ion: 43 Resp: 18008
Ion Ratio Lower Upper
43 100
58 27.6 22.7 34.1

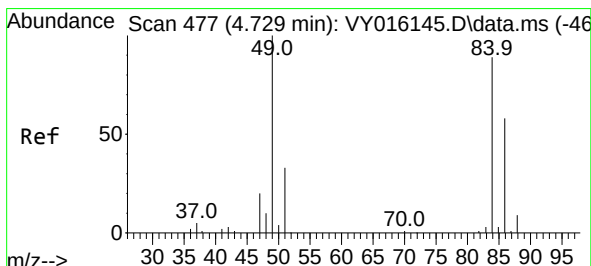
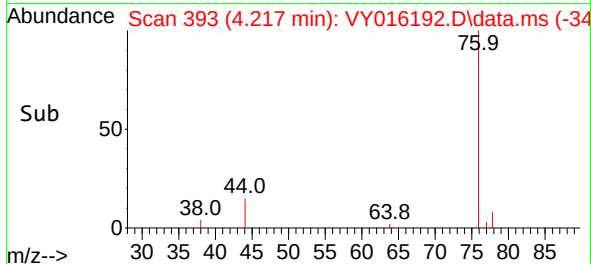
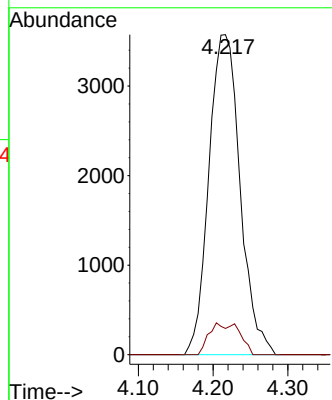
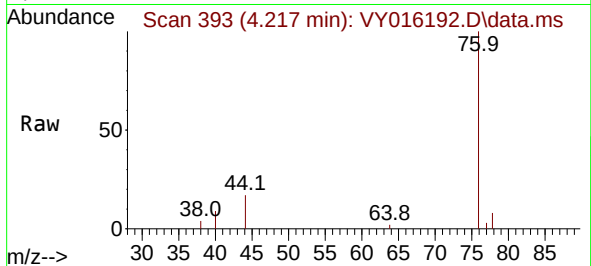




#17
Carbon Disulfide
Concen: 4.375 ug/l
RT: 4.217 min Scan# 391
Delta R.T. 0.013 min
Lab File: VY016192.D
Acq: 02 Nov 2023 15:58

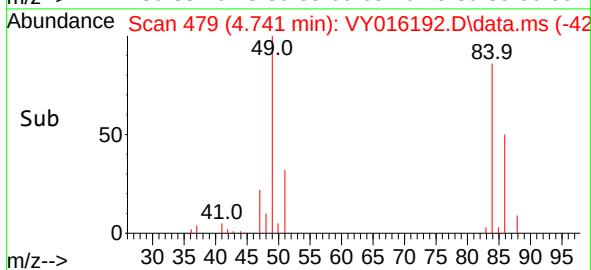
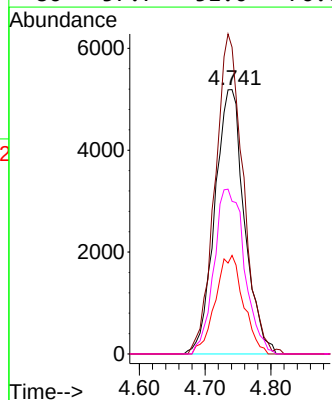
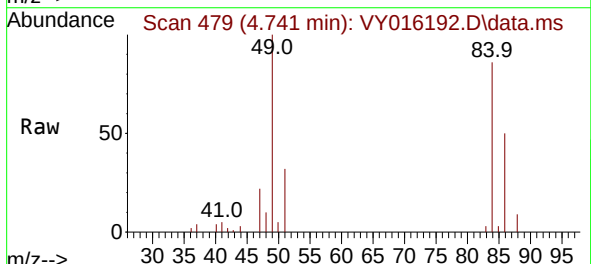
Instrument :
MSVOA_Y
ClientSampleId :
Z-7(0-5)

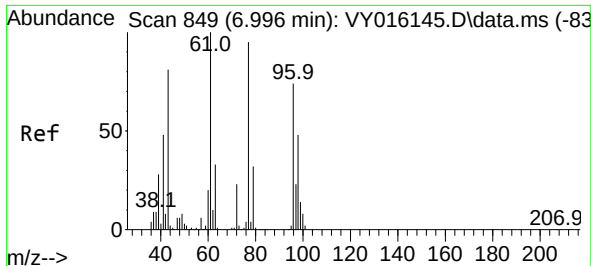
Tgt Ion: 76 Resp: 10383
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#20
Methylene Chloride
Concen: 11.857 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016192.D
Acq: 02 Nov 2023 15:58

Tgt Ion: 84 Resp: 16212
Ion Ratio Lower Upper
84 100
49 116.0 106.9 160.3
51 37.3 33.2 49.8
86 57.7 51.0 76.6

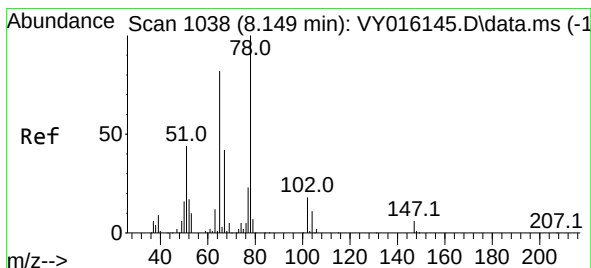
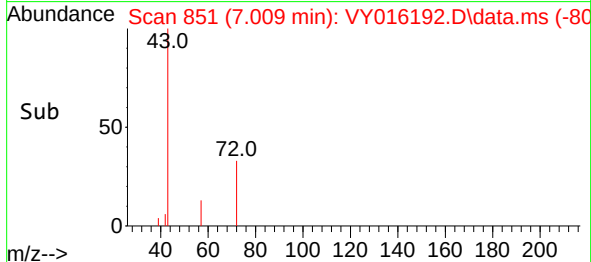
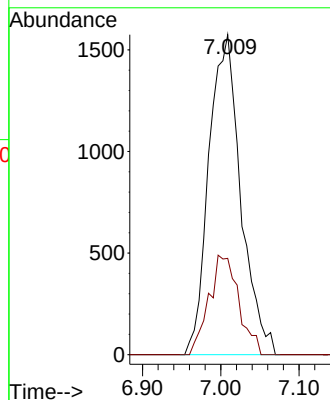
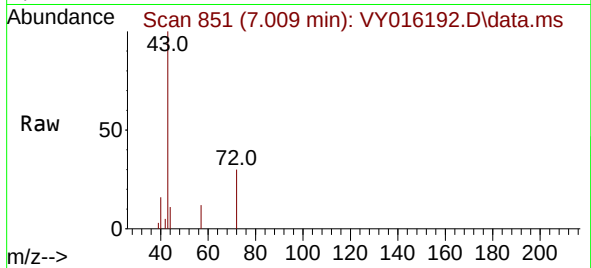




#25
2-Butanone
Concen: 14.372 ug/l
RT: 7.009 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY016192.D
Acq: 02 Nov 2023 15:58

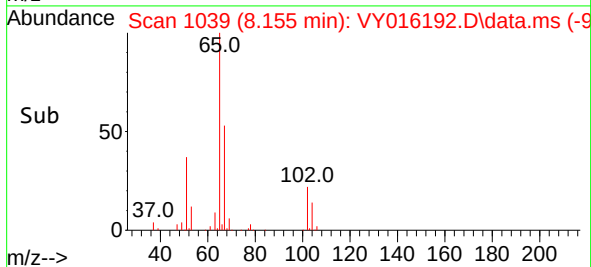
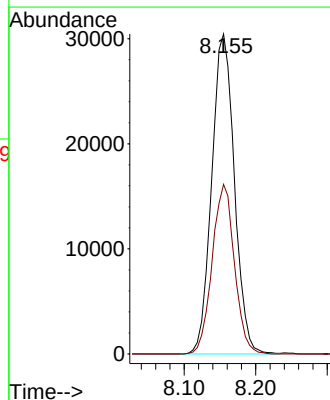
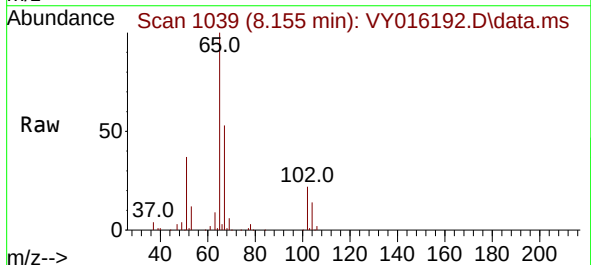
Instrument :
MSVOA_Y
ClientSampleId :
Z-7(0-5)

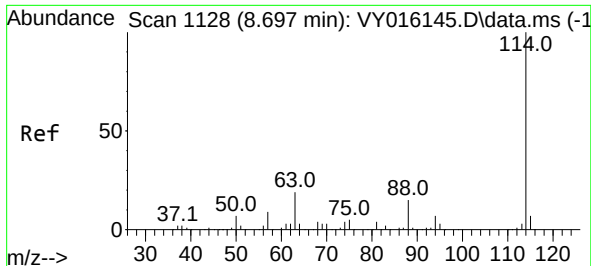
Tgt Ion: 43 Resp: 4457
Ion Ratio Lower Upper
43 100
72 30.1 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 59.564 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016192.D
Acq: 02 Nov 2023 15:58

Tgt Ion: 65 Resp: 66951
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016192.D

Acq: 02 Nov 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

Z-7(0-5)

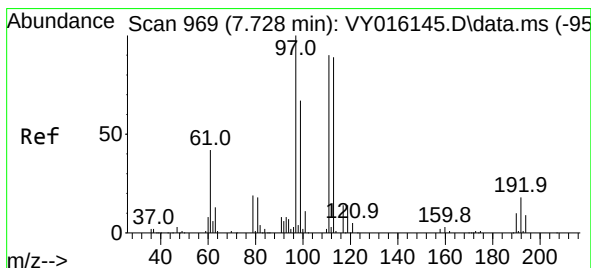
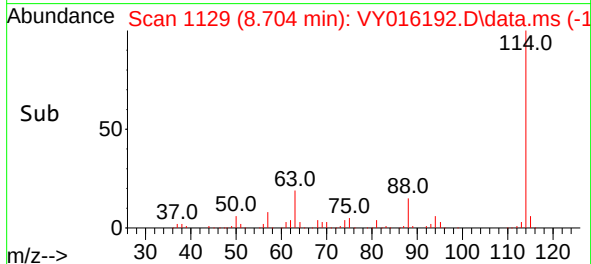
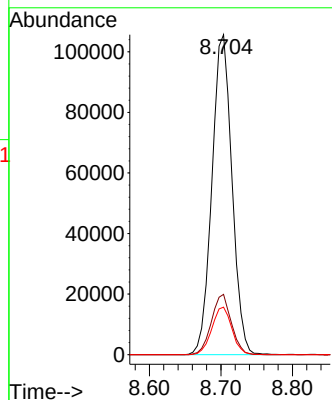
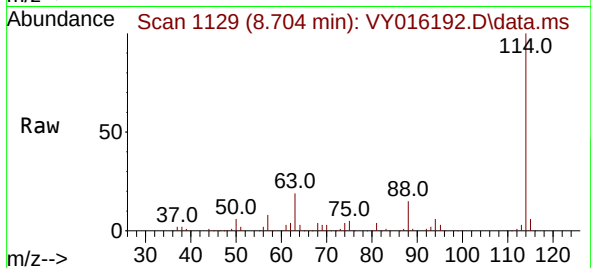
Tgt Ion:114 Resp: 205719

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.395 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016192.D

Acq: 02 Nov 2023 15:58

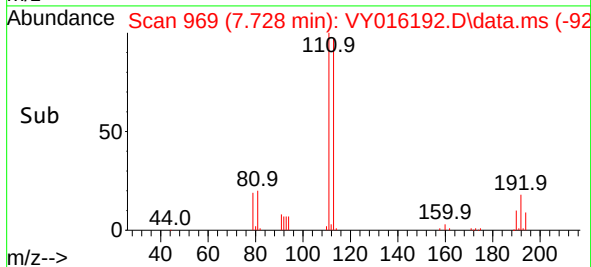
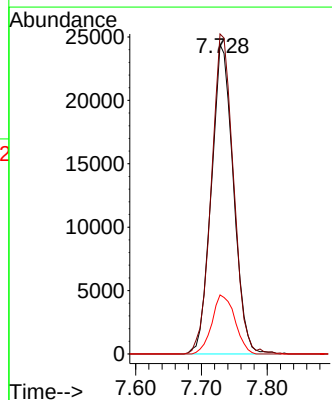
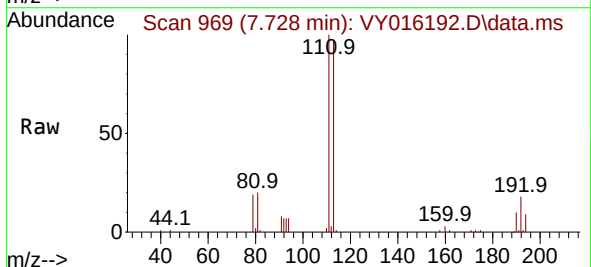
Tgt Ion:113 Resp: 56900

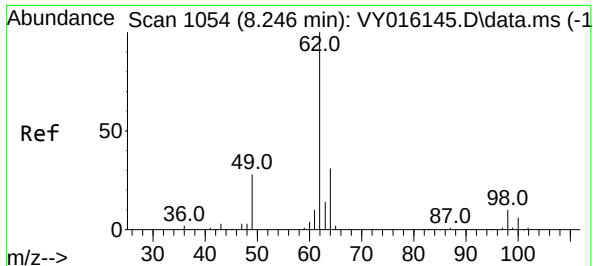
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 19.9 16.9 25.3





#42

1,2-Dichloroethane

Concen: 1.789 ug/l

RT: 8.259 min Scan# 1056

Delta R.T. 0.012 min

Lab File: VY016192.D

Acq: 02 Nov 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

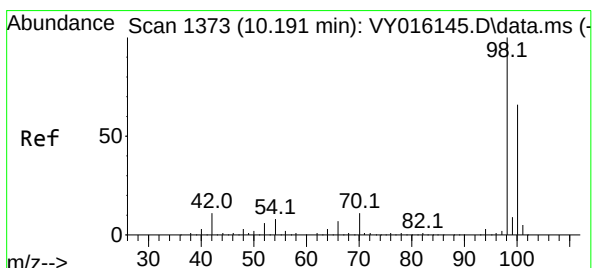
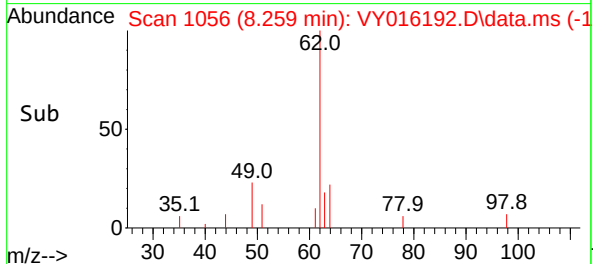
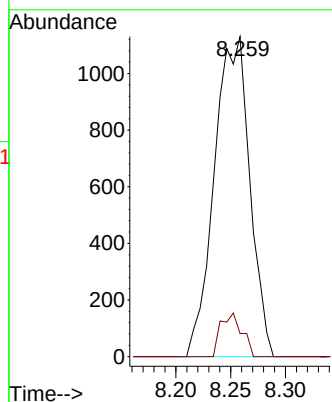
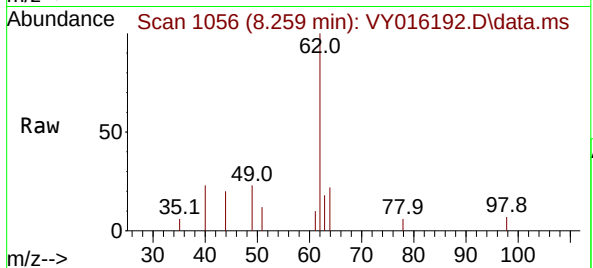
Z-7(0-5)

Tgt Ion: 62 Resp: 2538

Ion Ratio Lower Upper

62 100

98 8.2 0.0 15.8



#50

Toluene-d8

Concen: 49.361 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016192.D

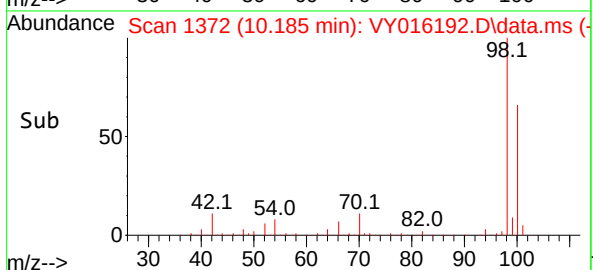
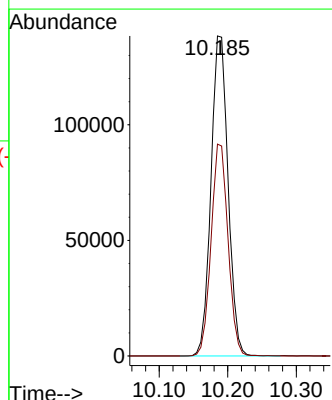
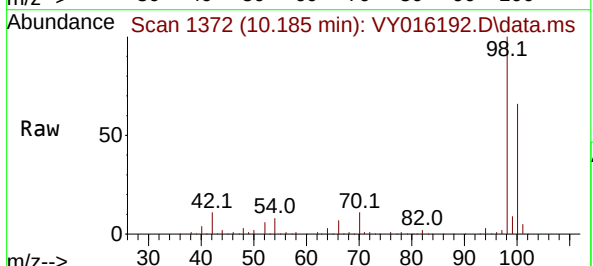
Acq: 02 Nov 2023 15:58

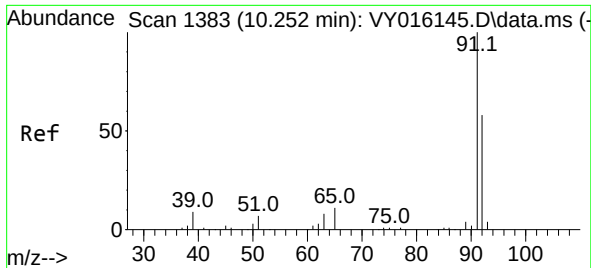
Tgt Ion: 98 Resp: 240021

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

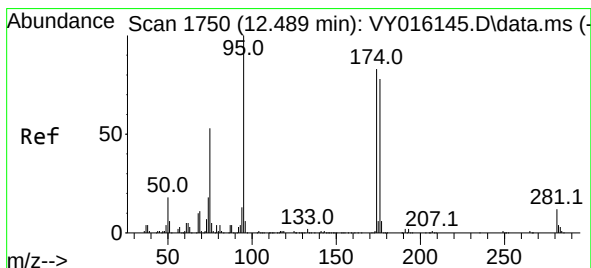
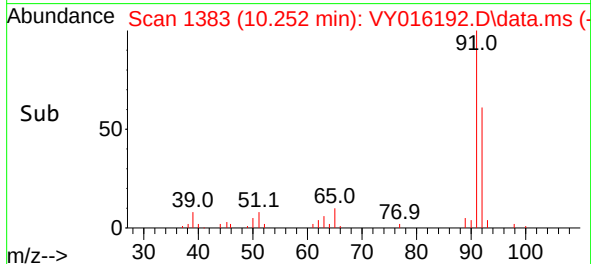
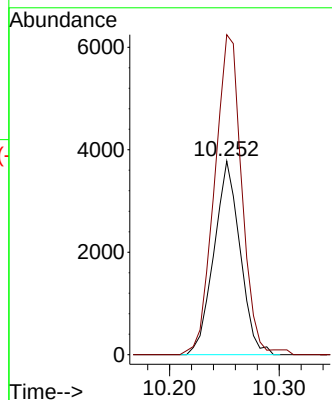
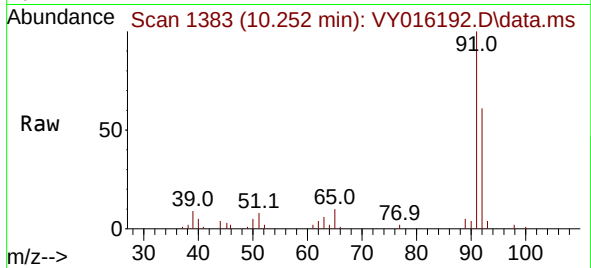




#52
Toluene
Concen: 1.896 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016192.D
Acq: 02 Nov 2023 15:58

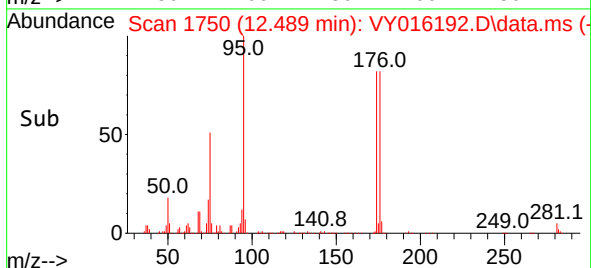
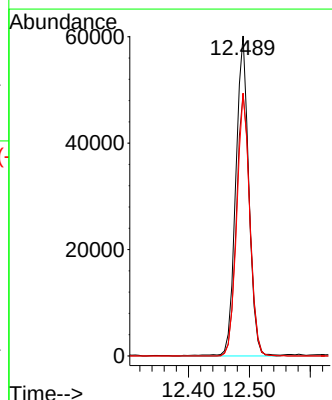
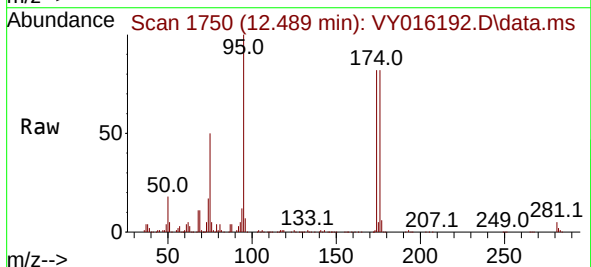
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MSVOA_Y
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Z-7(0-5)

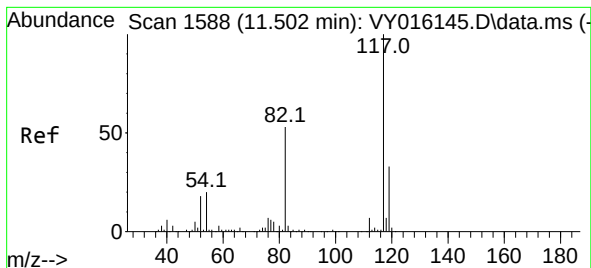
Tgt Ion: 92 Resp: 6246
Ion Ratio Lower Upper
92 100
91 173.0 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 53.797 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016192.D
Acq: 02 Nov 2023 15:58

Tgt Ion: 95 Resp: 89450
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016192.D

Acq: 02 Nov 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

Z-7(0-5)

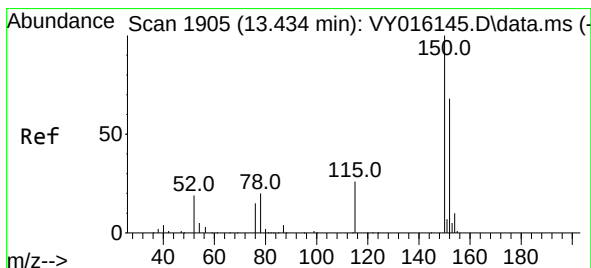
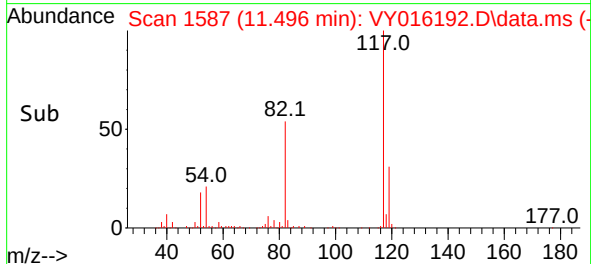
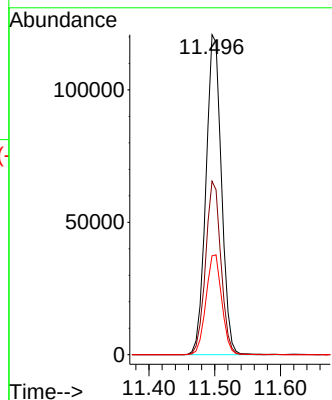
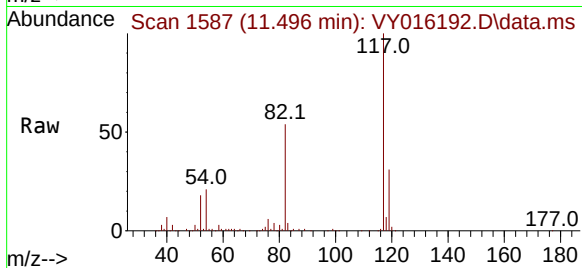
Tgt Ion:117 Resp: 198311

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 30.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016192.D

Acq: 02 Nov 2023 15:58

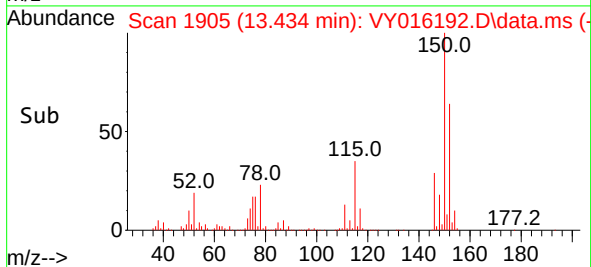
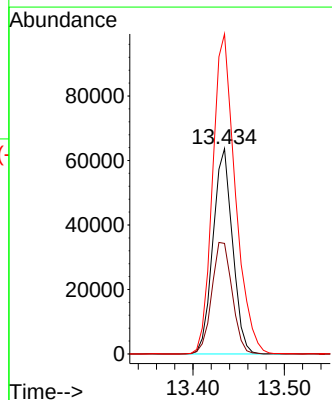
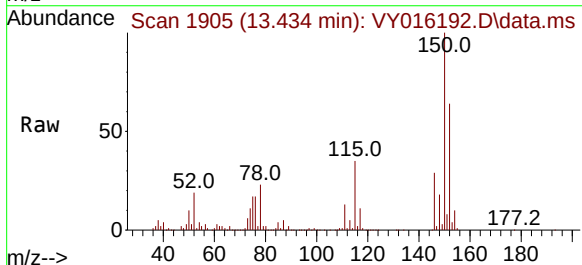
Tgt Ion:152 Resp: 94715

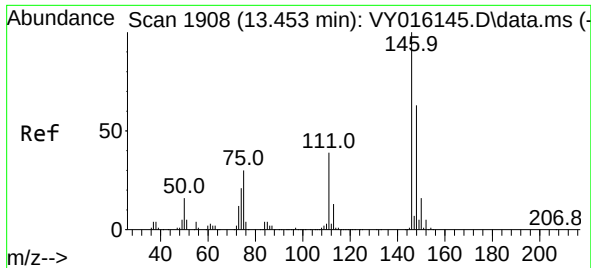
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

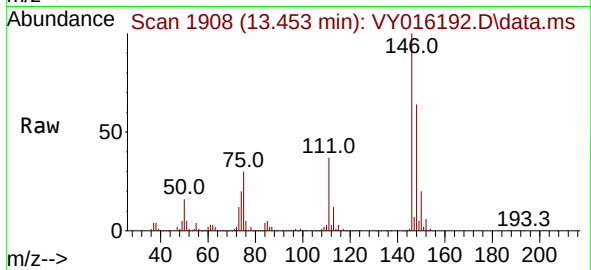
150 180.6 0.0 348.8





#88
 1,4-Dichlorobenzene
 Concen: 70.102 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY016192.D
 Acq: 02 Nov 2023 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 Z-7(0-5)



Tgt Ion:146 Resp: 220449

Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.7	32.1	96.5

