

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009504.D
 Acq On : 11 Jul 2022 12:55
 Operator : KP/MD
 Sample : N3593-11RE
 Misc : 4.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220486B-4BRE

Quant Time: Jul 12 05:02:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

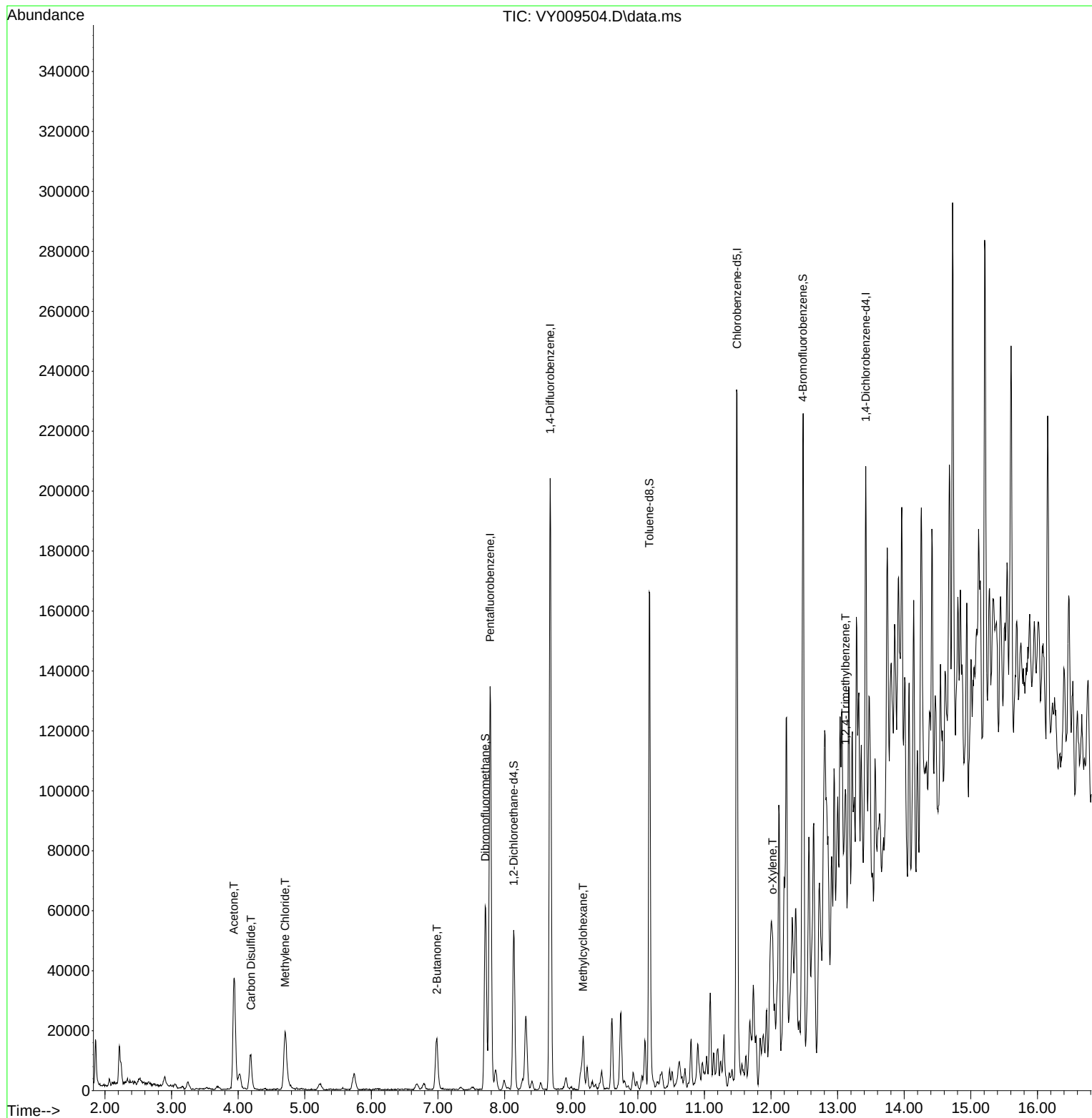
Internal Standards						
1) Pentafluorobenzene	7.783	168	104839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	175377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40432	55.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.920%
35) Dibromofluoromethane	7.710	113	42570	46.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.260%
50) Toluene-d8	10.173	98	104020	39.391	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	78.780%
62) 4-Bromofluorobenzene	12.477	95	40239	30.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	61.780%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	66822	262.009	ug/l	91
17) Carbon Disulfide	4.192	76	23357	11.892	ug/l	99
20) Methylene Chloride	4.704	84	13617	7.234	ug/l	86
25) 2-Butanone	6.984	43	26366	63.907	ug/l	98
39) Methylcyclohexane	9.179	83	5129	2.844	ug/l	97
69) o-Xylene	12.026	106	6673	4.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	18032	8.417	ug/l	98

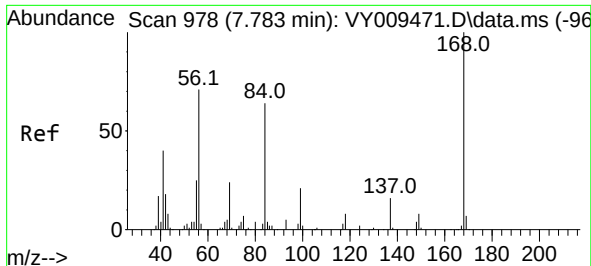
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009504.D
Acq On : 11 Jul 2022 12:55
Operator : KP/MD
Sample : N3593-11RE
Misc : 4.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220486B-4BRE

Quant Time: Jul 12 05:02:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration

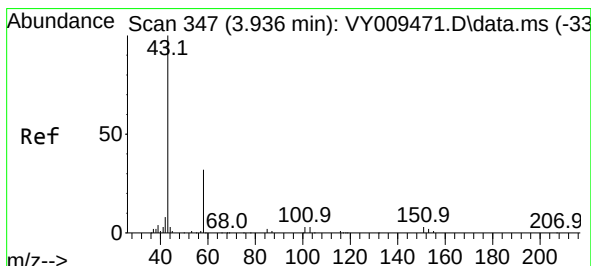
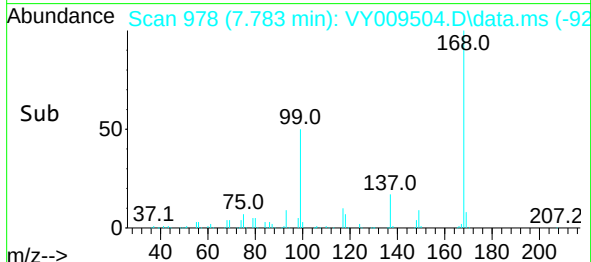
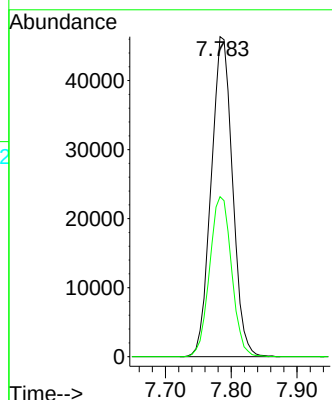
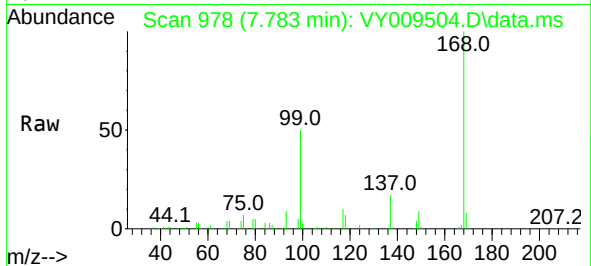




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009504.D
Acq: 11 Jul 2022 12:55

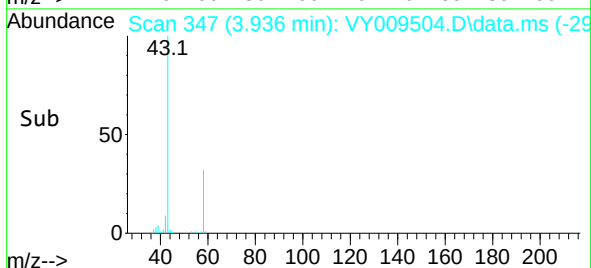
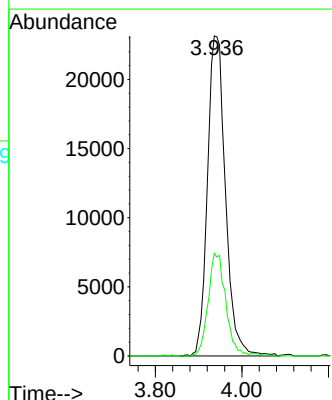
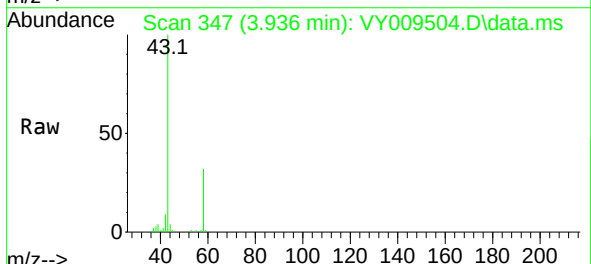
Instrument :
MSVOA_Y
ClientSampleId :
20220486B-4BRE

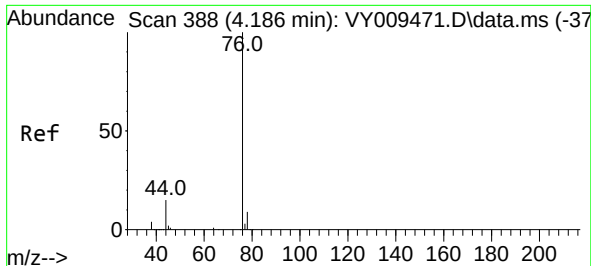
Tgt Ion:168 Resp: 104839
Ion Ratio Lower Upper
168 100
99 50.0 46.9 70.3



#16
Acetone
Concen: 262.009 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009504.D
Acq: 11 Jul 2022 12:55

Tgt Ion: 43 Resp: 66822
Ion Ratio Lower Upper
43 100
58 32.1 22.0 33.0

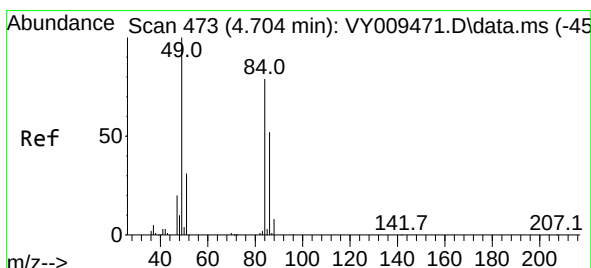
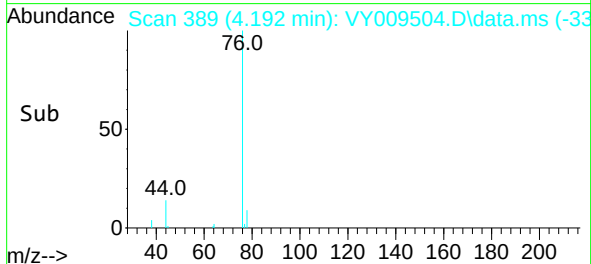
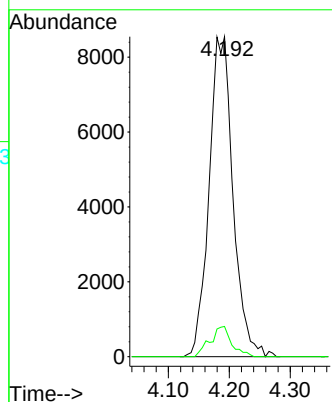
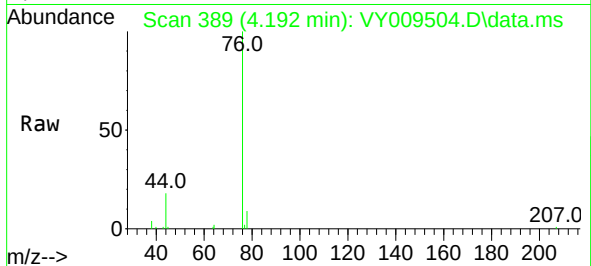




#17
Carbon Disulfide
Concen: 11.892 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009504.D
Acq: 11 Jul 2022 12:55

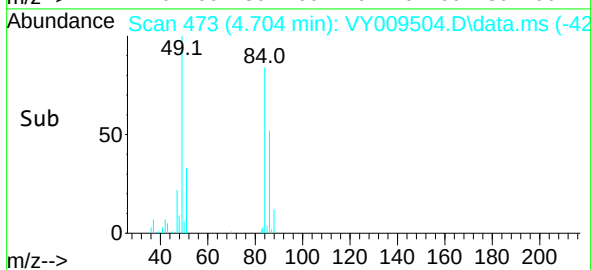
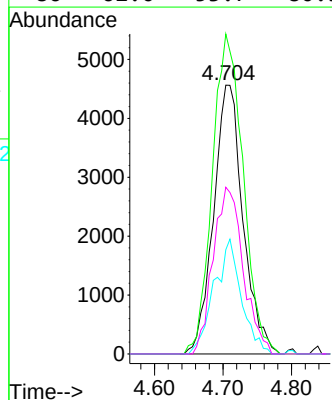
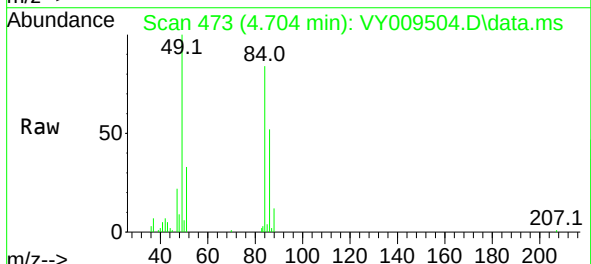
Instrument :
MSVOA_Y
ClientSampleId :
20220486B-4BRE

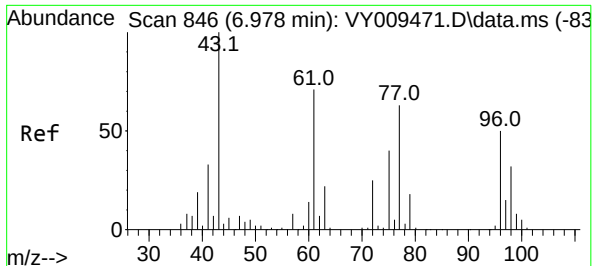
Tgt Ion: 76 Resp: 23357
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#20
Methylene Chloride
Concen: 7.234 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009504.D
Acq: 11 Jul 2022 12:55

Tgt Ion: 84 Resp: 13617
Ion Ratio Lower Upper
84 100
49 119.0 114.4 171.6
51 38.7 35.3 52.9
86 62.0 53.7 80.5

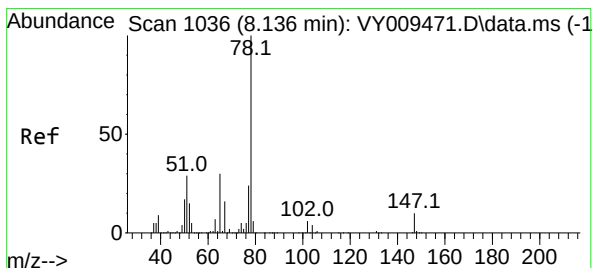
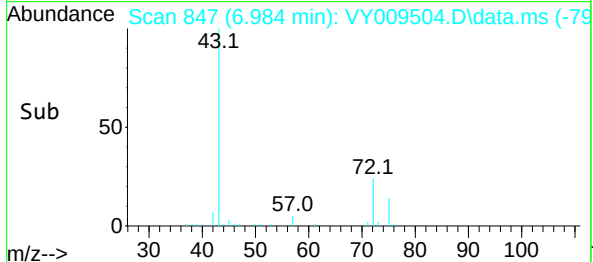
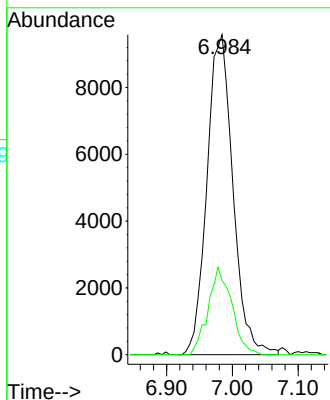
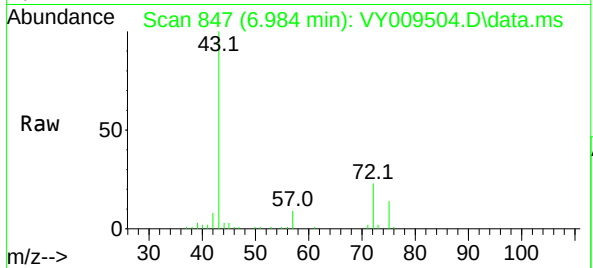




#25
2-Butanone
Concen: 63.907 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009504.D
Acq: 11 Jul 2022 12:55

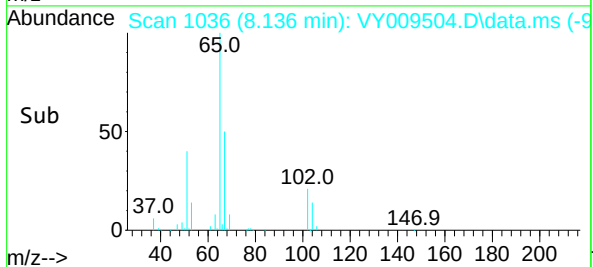
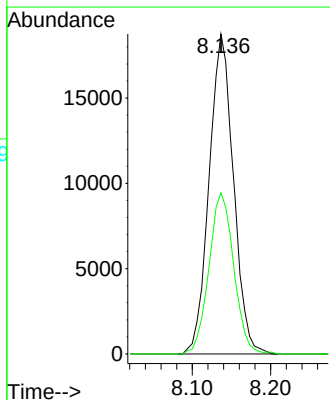
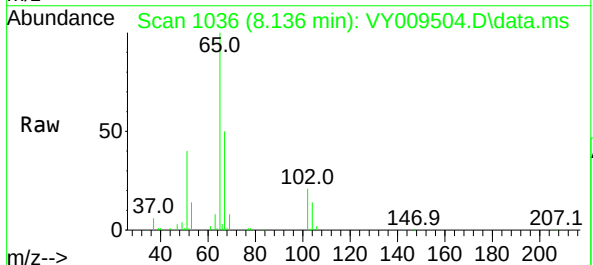
Instrument :
MSVOA_Y
ClientSampleId :
20220486B-4BRE

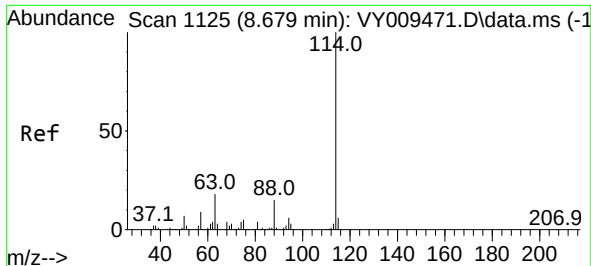
Tgt Ion: 43 Resp: 26366
Ion Ratio Lower Upper
43 100
72 23.2 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 55.455 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009504.D
Acq: 11 Jul 2022 12:55

Tgt Ion: 65 Resp: 40432
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009504.D

Acq: 11 Jul 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

20220486B-4BRE

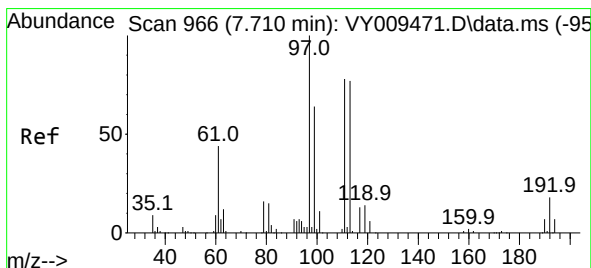
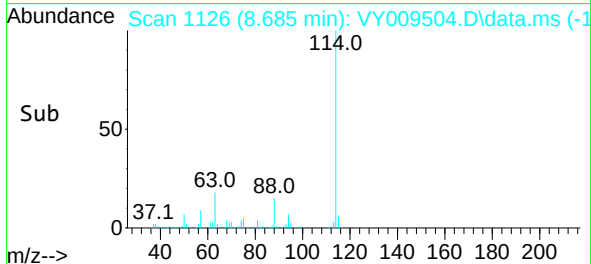
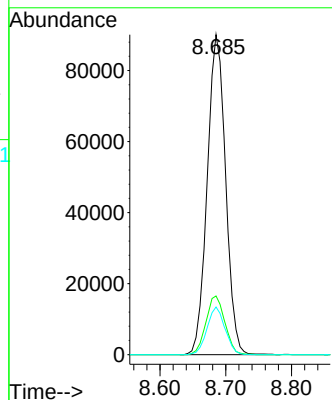
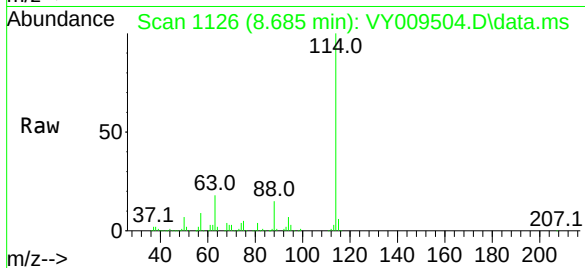
Tgt Ion:114 Resp: 175377

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.132 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009504.D

Acq: 11 Jul 2022 12:55

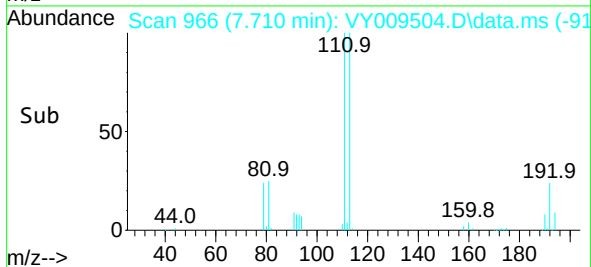
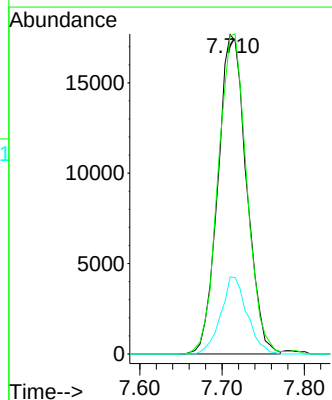
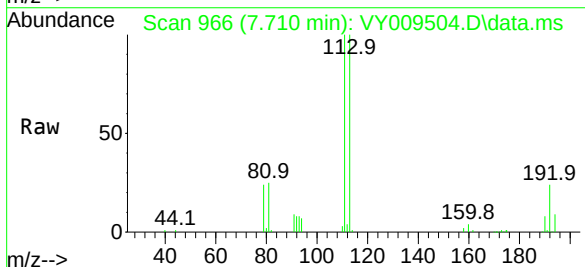
Tgt Ion:113 Resp: 42570

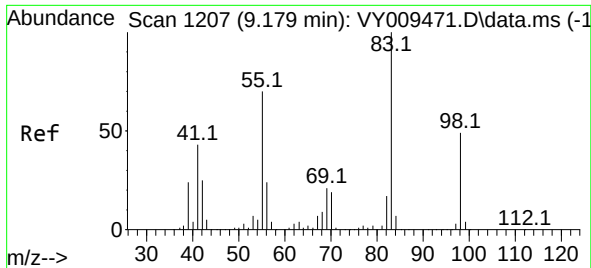
Ion Ratio Lower Upper

113 100

111 100.7 82.6 124.0

192 22.2 17.6 26.4





#39

Methylcyclohexane

Concen: 2.844 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY009504.D

Acq: 11 Jul 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

20220486B-4BRE

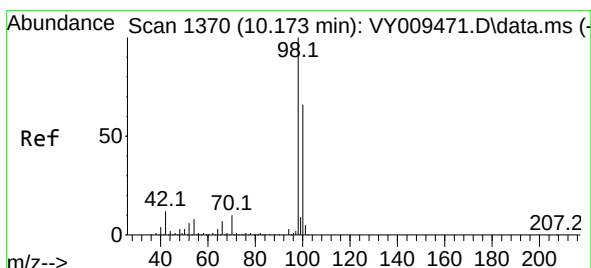
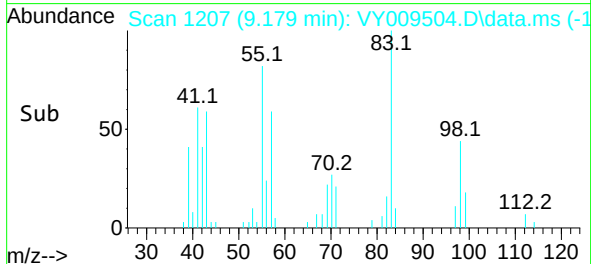
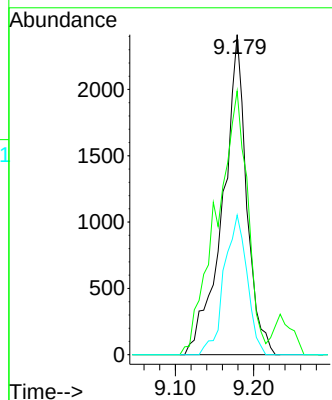
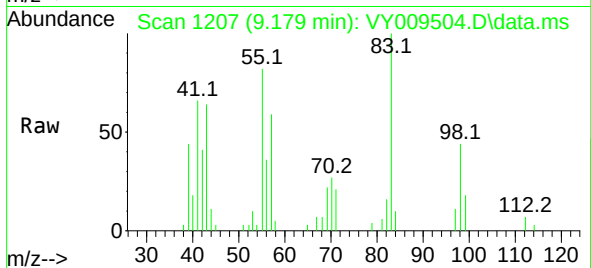
Tgt Ion: 83 Resp: 5129

Ion Ratio Lower Upper

83 100

55 82.4 66.5 99.7

98 43.6 37.9 56.9



#50

Toluene-d8

Concen: 39.391 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009504.D

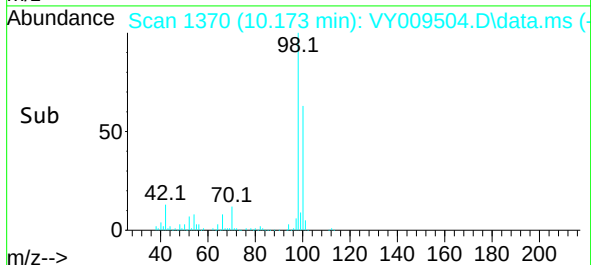
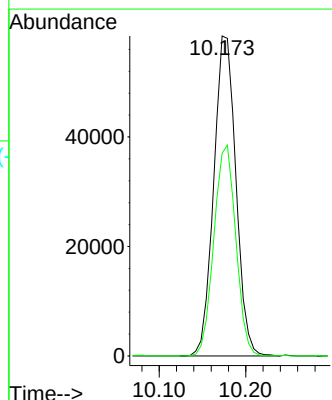
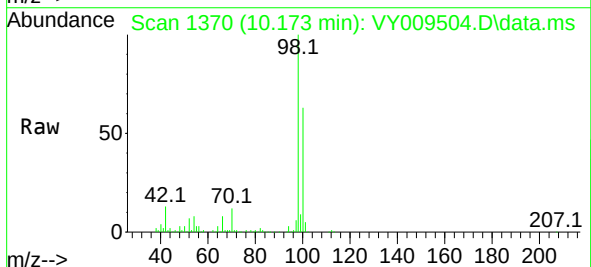
Acq: 11 Jul 2022 12:55

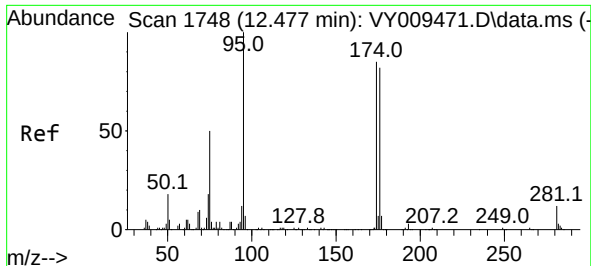
Tgt Ion: 98 Resp: 104020

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

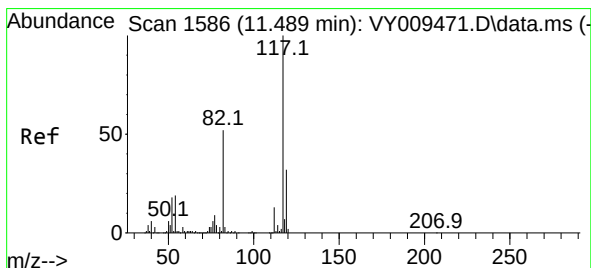
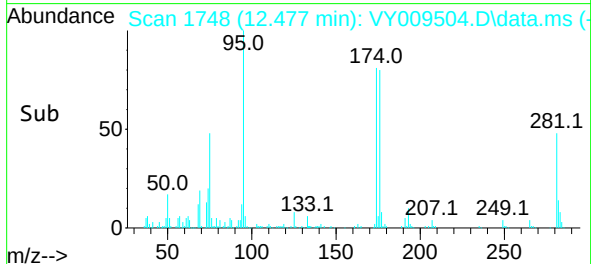
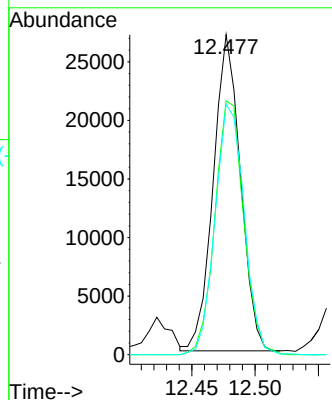
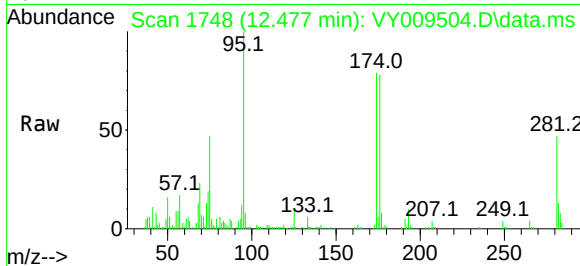




#62
4-Bromofluorobenzene
Concen: 30.892 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009504.D
Acq: 11 Jul 2022 12:55

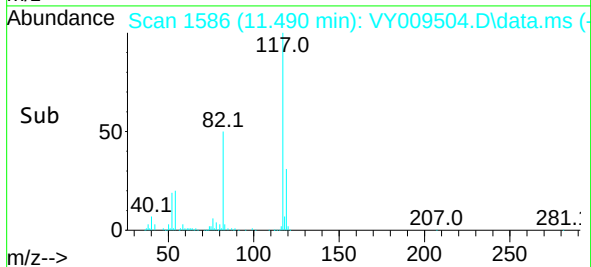
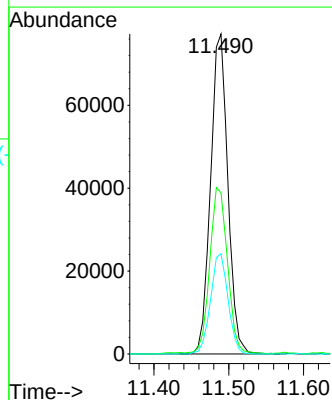
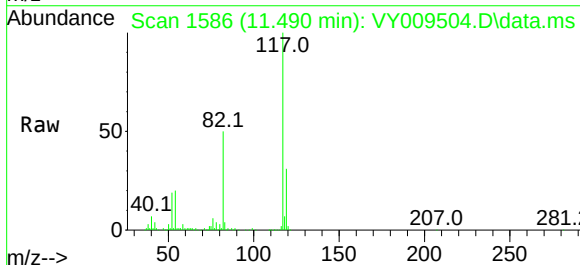
Instrument :
MSVOA_Y
ClientSampleId :
20220486B-4BRE

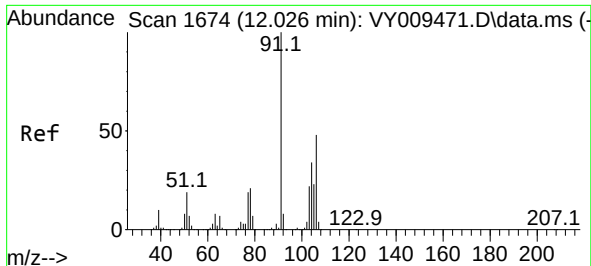
Tgt Ion: 95 Resp: 40239
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 84.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009504.D
Acq: 11 Jul 2022 12:55

Tgt Ion: 117 Resp: 123929
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 31.3 25.4 38.0





#69

o-Xylene

Concen: 4.201 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009504.D

Acq: 11 Jul 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

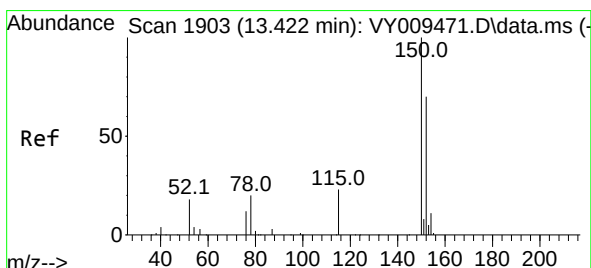
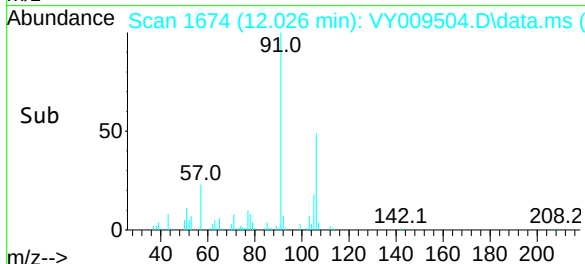
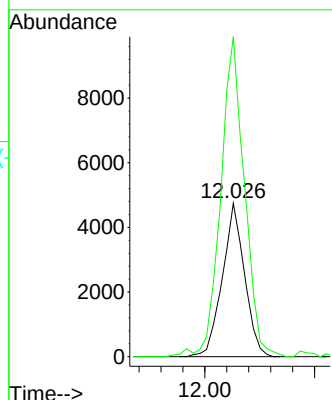
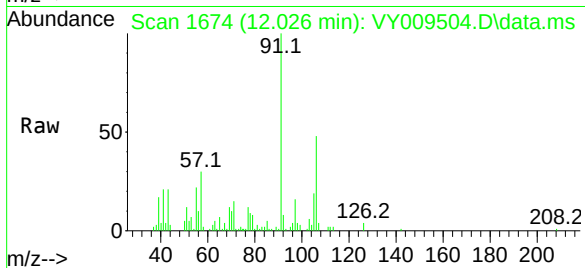
20220486B-4BRE

Tgt Ion:106 Resp: 6673

Ion Ratio Lower Upper

106 100

91 222.9 110.3 331.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009504.D

Acq: 11 Jul 2022 12:55

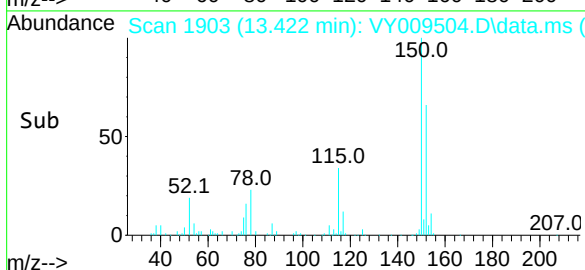
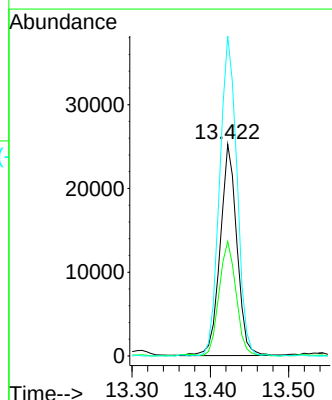
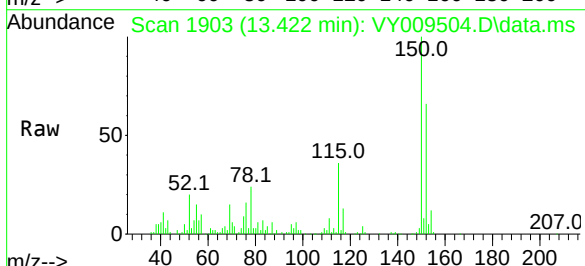
Tgt Ion:152 Resp: 37651

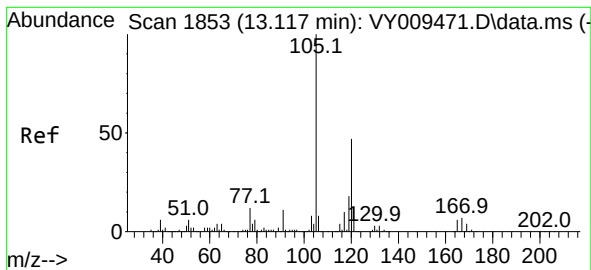
Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 155.9 0.0 347.6





#84

1,2,4-Trimethylbenzene

Concen: 8.417 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009504.D

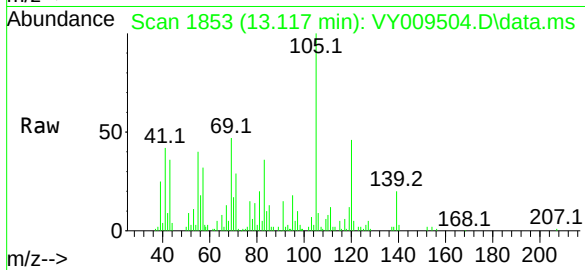
Acq: 11 Jul 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

20220486B-4BRE



Tgt Ion:105 Resp: 18032

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.9

