

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009496.D
 Acq On : 08 Jul 2022 20:30
 Operator : KP/MD
 Sample : N3593-11
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220486B-4B

Quant Time: Jul 11 02:16:53 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)

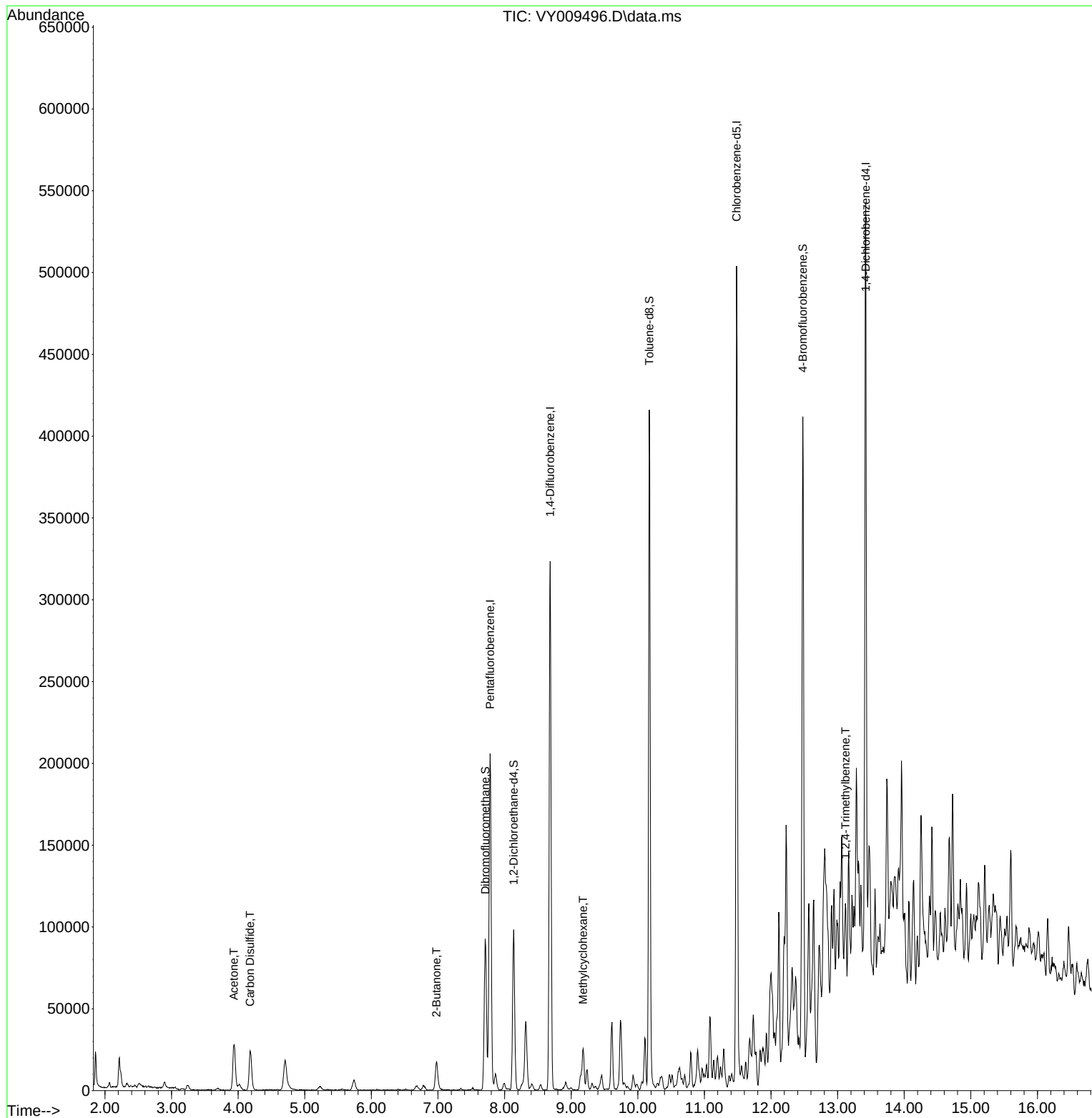
Internal Standards						
1) Pentafluorobenzene	7.783	168	162121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	276766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	255821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71919	64.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.820%
35) Dibromofluoromethane	7.710	113	64773	44.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.960%
50) Toluene-d8	10.173	98	253004	65.959	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	131.920%#
62) 4-Bromofluorobenzene	12.477	95	87458	42.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	85.100%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	49767	126.189	ug/l	93
17) Carbon Disulfide	4.180	76	48761	14.507	ug/l	99
25) 2-Butanone	6.978	43	26249	41.143	ug/l #	89
39) Methylcyclohexane	9.179	83	6566	2.307	ug/l	87
84) 1,2,4-Trimethylbenzene	13.117	105	18710	2.675	ug/l	97

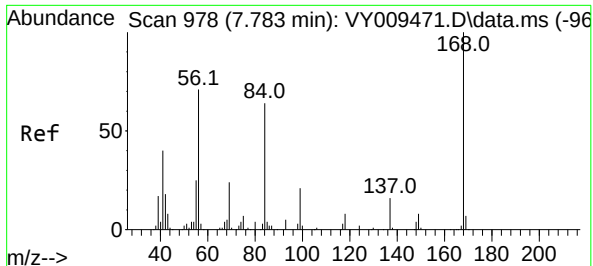
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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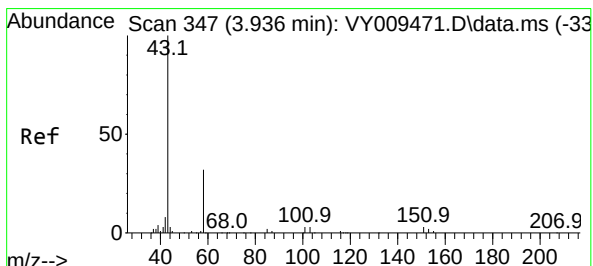
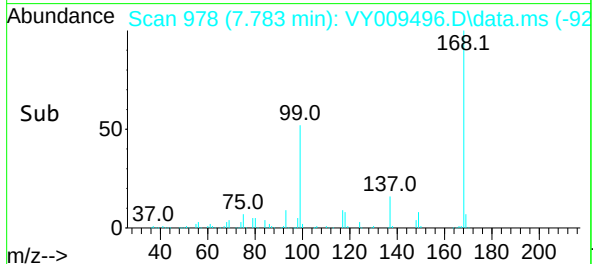
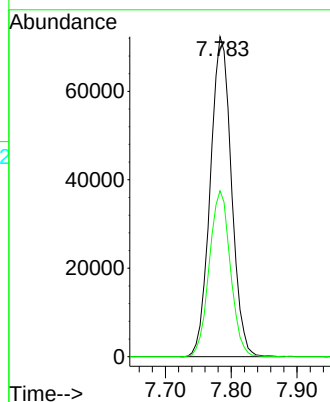
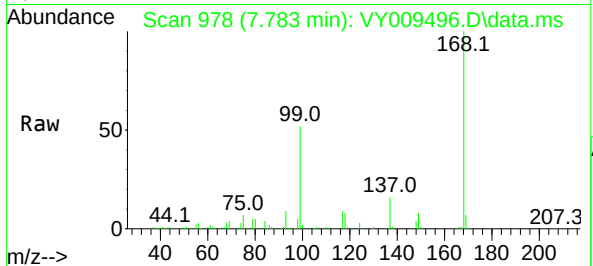




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009496.D
Acq: 08 Jul 2022 20:30

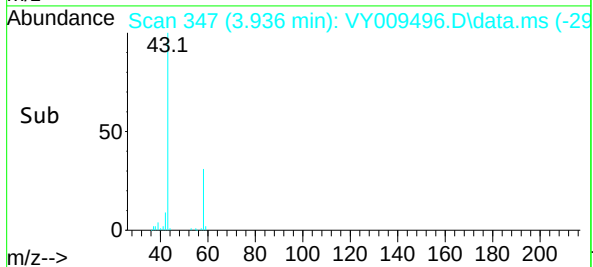
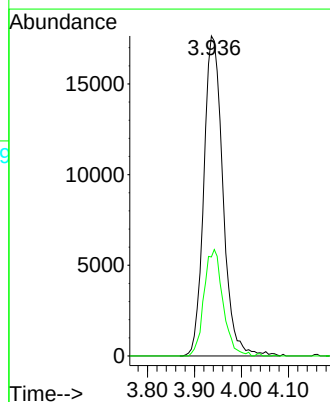
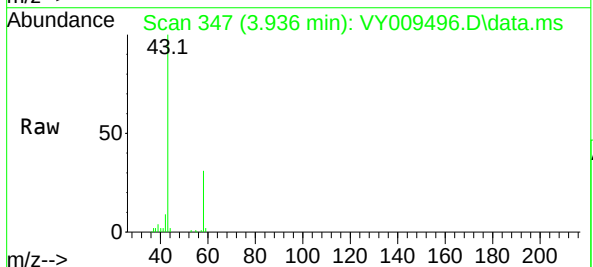
Instrument :
MSVOA_Y
ClientSampleId :
20220486B-4B

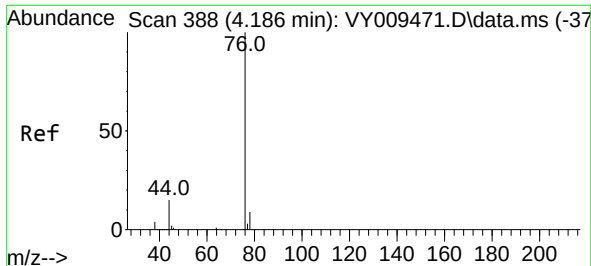
Tgt Ion:168 Resp: 162121
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#16
Acetone
Concen: 126.189 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009496.D
Acq: 08 Jul 2022 20:30

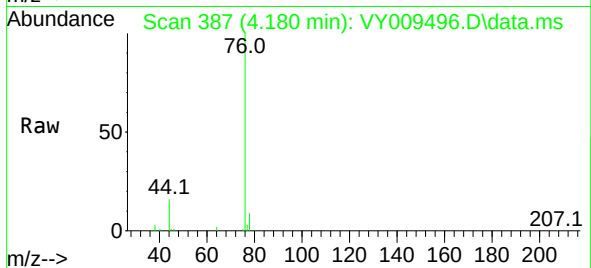
Tgt Ion: 43 Resp: 49767
Ion Ratio Lower Upper
43 100
58 30.9 22.0 33.0



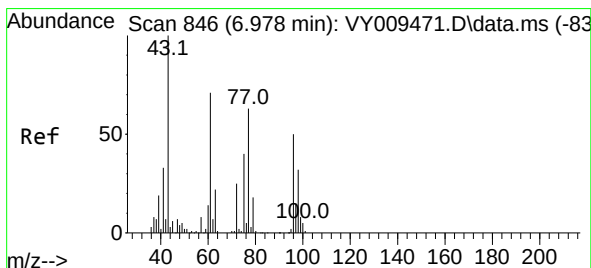
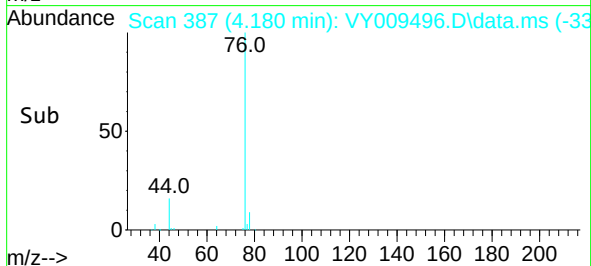
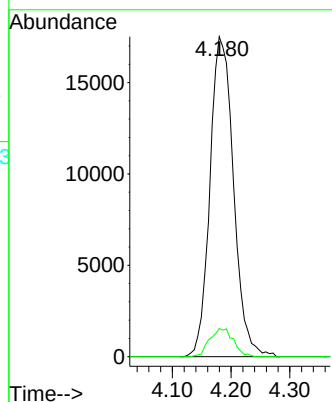


#17
Carbon Disulfide
Concen: 14.507 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009496.D
Acq: 08 Jul 2022 20:30

Instrument :
MSVOA_Y
ClientSampleId :
20220486B-4B

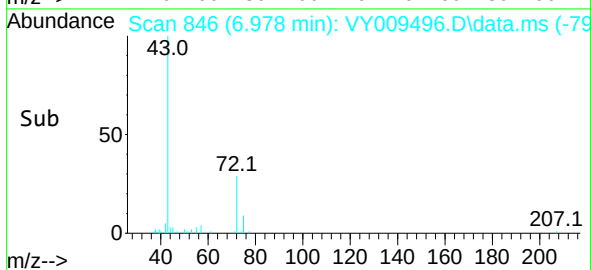
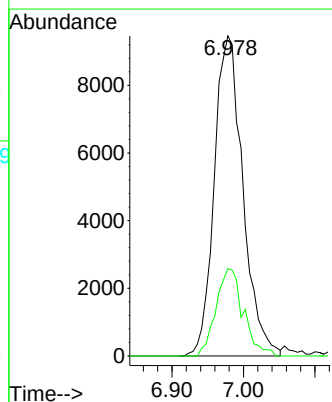
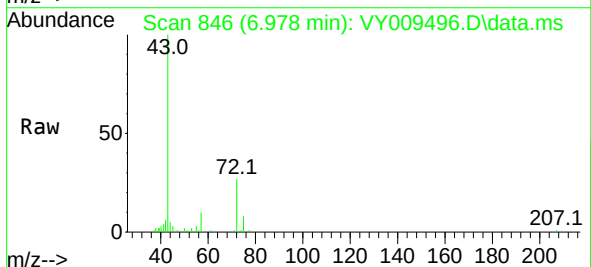


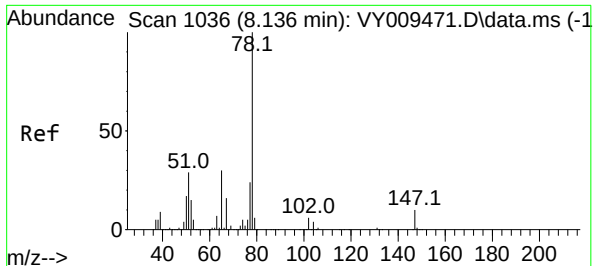
Tgt Ion: 76 Resp: 48761
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#25
2-Butanone
Concen: 41.143 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009496.D
Acq: 08 Jul 2022 20:30

Tgt Ion: 43 Resp: 26249
Ion Ratio Lower Upper
43 100
72 27.3 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 64.908 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. 0.000 min

Lab File: VY009496.D

Acq: 08 Jul 2022 20:30

Instrument :

MSVOA_Y

ClientSampleId :

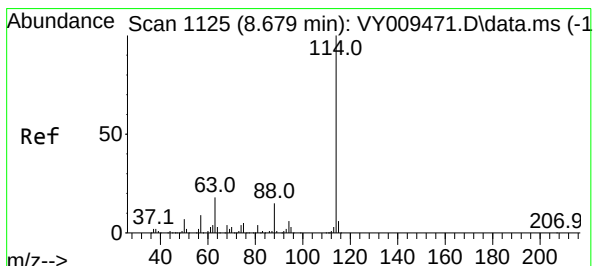
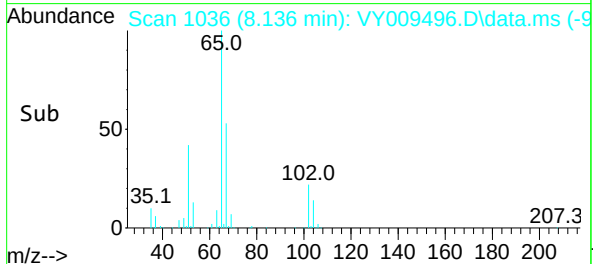
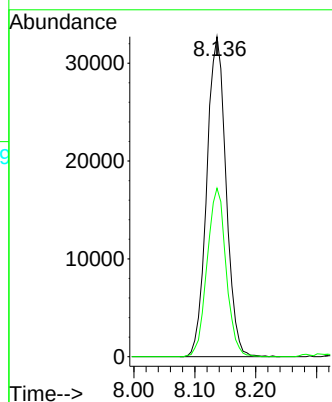
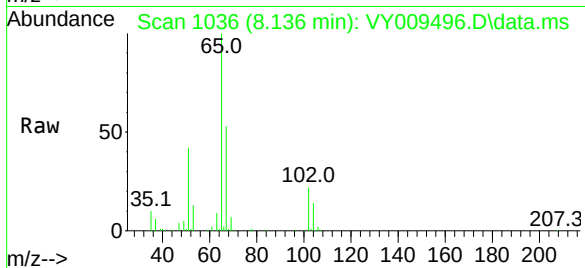
20220486B-4B

Tgt Ion: 65 Resp: 71919

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009496.D

Acq: 08 Jul 2022 20:30

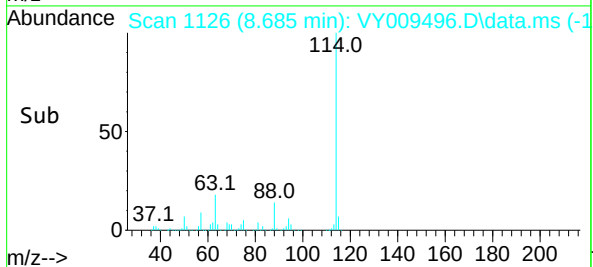
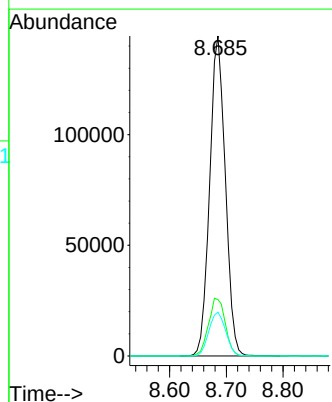
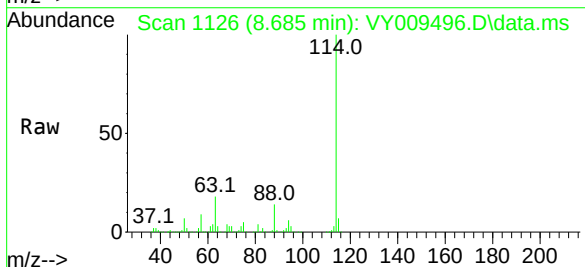
Tgt Ion: 114 Resp: 276766

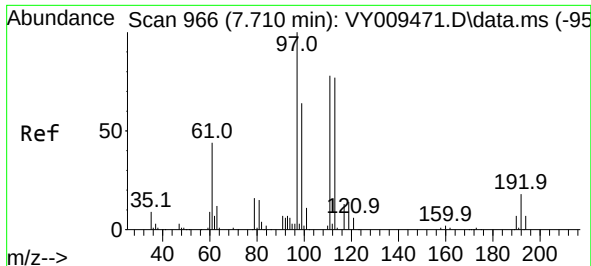
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.7 0.0 31.8

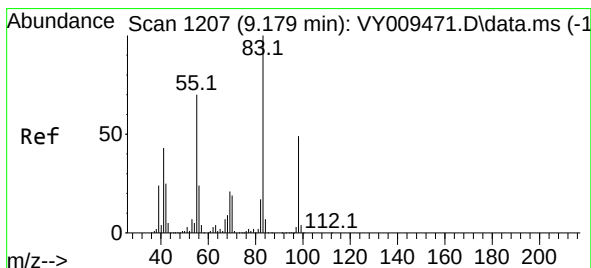
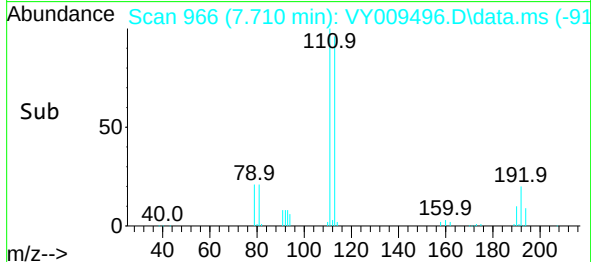
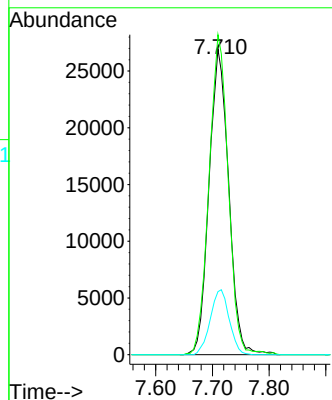
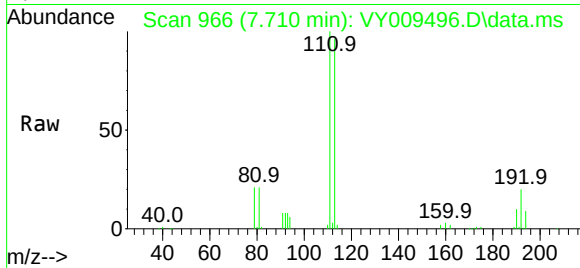




#35
Dibromofluoromethane
Concen: 44.479 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009496.D
Acq: 08 Jul 2022 20:30

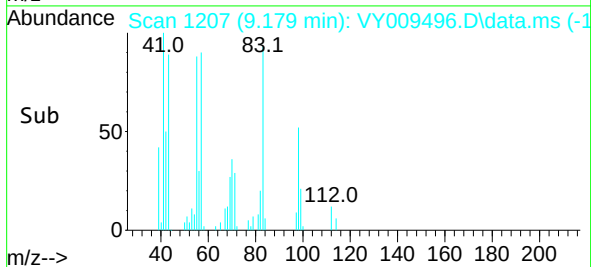
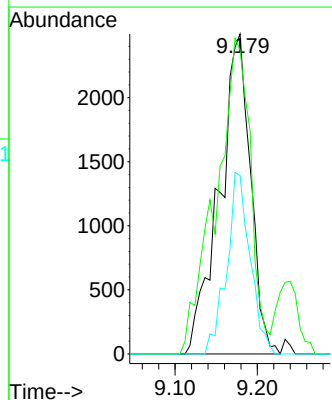
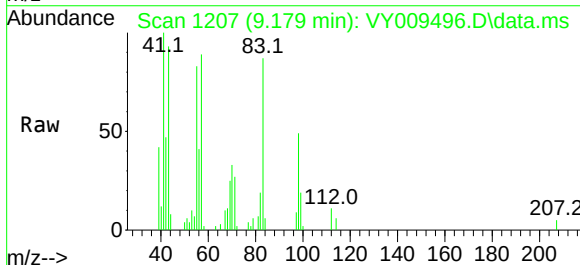
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20220486B-4B

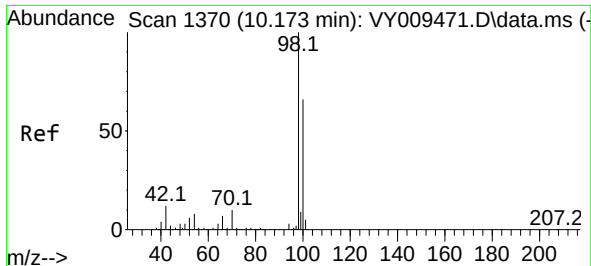
Tgt Ion:113 Resp: 64773
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.5 17.6 26.4



#39
Methylcyclohexane
Concen: 2.307 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY009496.D
Acq: 08 Jul 2022 20:30

Tgt Ion: 83 Resp: 6566
Ion Ratio Lower Upper
83 100
55 95.0 66.5 99.7
98 55.8 37.9 56.9

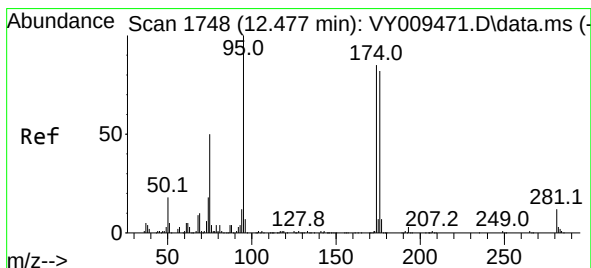
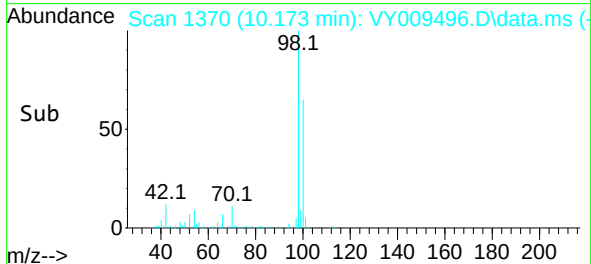
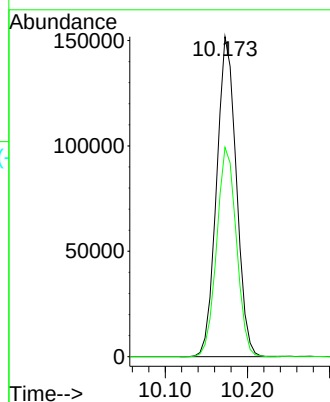
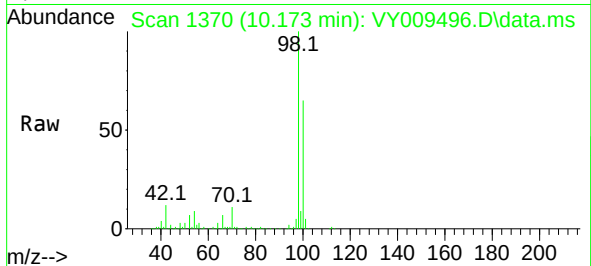




#50
Toluene-d8
Concen: 65.959 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009496.D
Acq: 08 Jul 2022 20:30

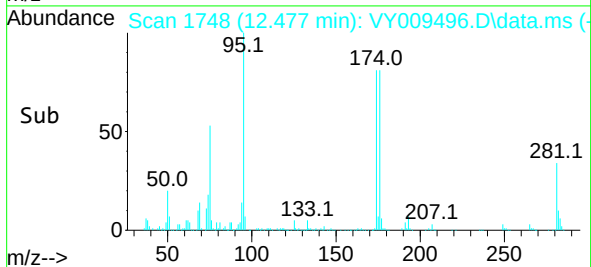
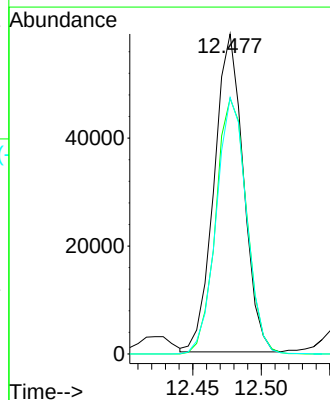
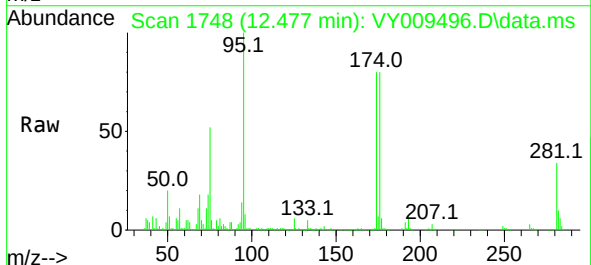
Instrument :
MSVOA_Y
ClientSampleId :
20220486B-4B

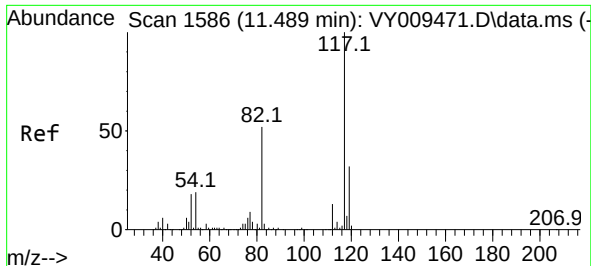
Tgt Ion: 98 Resp: 253004
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.546 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009496.D
Acq: 08 Jul 2022 20:30

Tgt Ion: 95 Resp: 87458
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 83.3 0.0 175.8

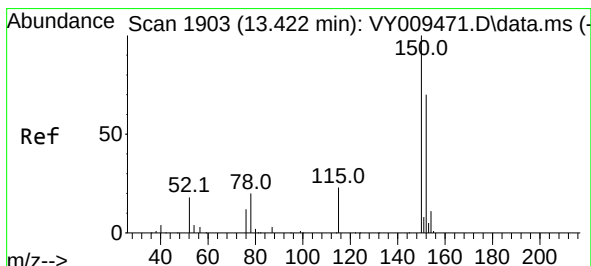
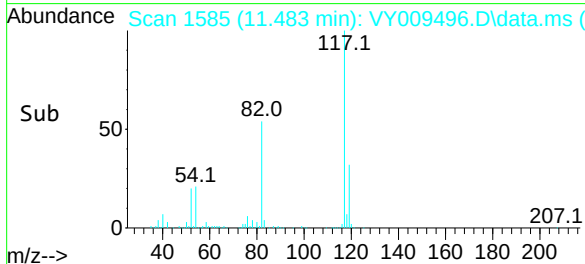
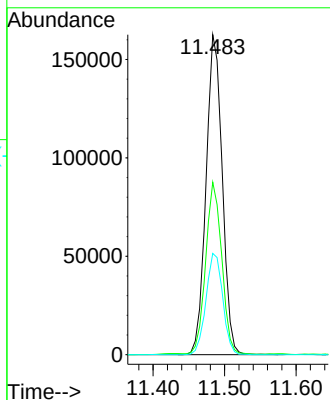
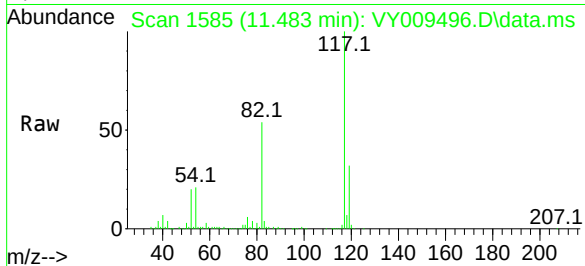




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009496.D
Acq: 08 Jul 2022 20:30

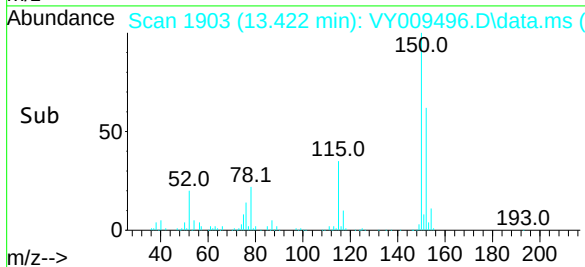
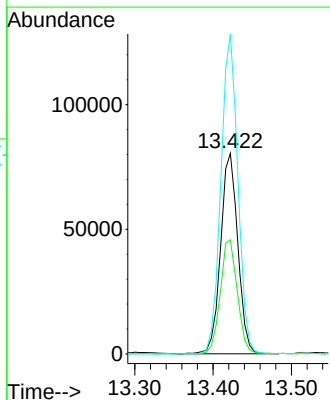
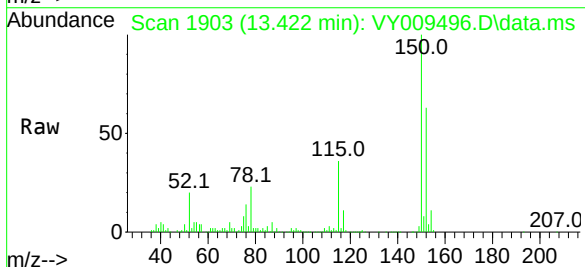
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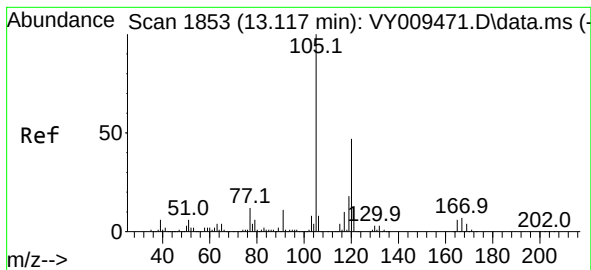
Tgt Ion:117 Resp: 255821
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009496.D
Acq: 08 Jul 2022 20:30

Tgt Ion:152 Resp: 122911
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 157.2 0.0 347.6





#84

1,2,4-Trimethylbenzene

Concen: 2.675 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009496.D

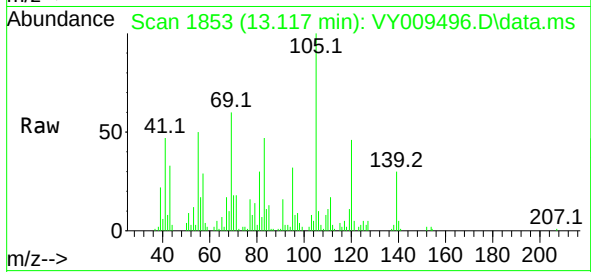
Acq: 08 Jul 2022 20:30

Instrument :

MSVOA_Y

ClientSampleId :

20220486B-4B



Tgt Ion:105 Resp: 18710

Ion Ratio Lower Upper

105 100

120 46.8 22.3 66.9

