

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009507.D
 Acq On : 11 Jul 2022 14:03
 Operator : KP/MD
 Sample : N3593-14
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220492B-10B

Quant Time: Jul 12 05:02:43 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)

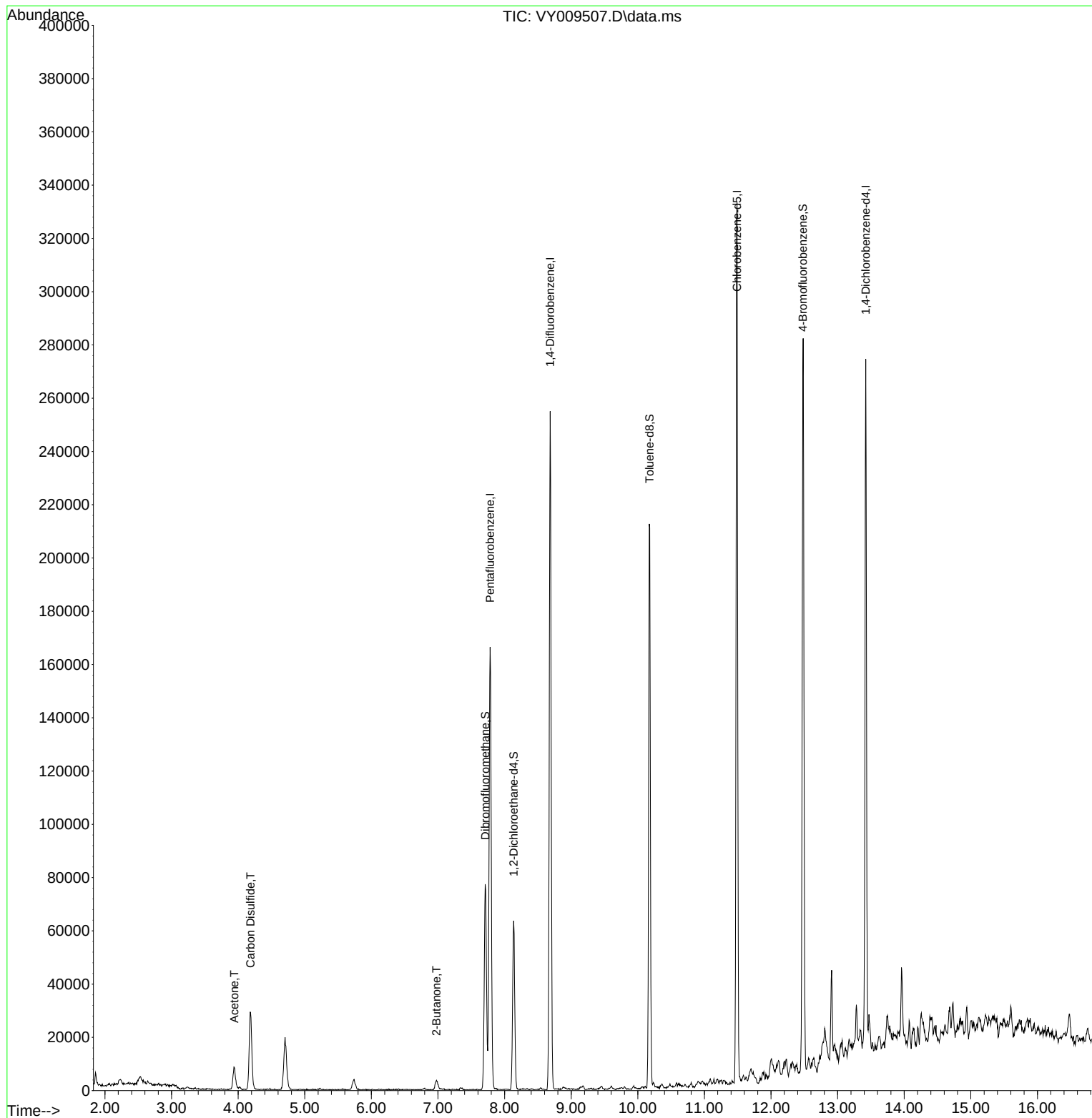
Internal Standards						
1) Pentafluorobenzene	7.783	168	135576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47420	49.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.200%
35) Dibromofluoromethane	7.710	113	52654	46.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.520%
50) Toluene-d8	10.179	98	140883	44.790	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	89.580%
62) 4-Bromofluorobenzene	12.477	95	62742	39.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	78.960%
Target Compounds						
16) Acetone	3.942	43	14822	44.941	ug/l	93
17) Carbon Disulfide	4.186	76	59093	19.037	ug/l	97
25) 2-Butanone	6.978	43	4496	8.427	ug/l #	86

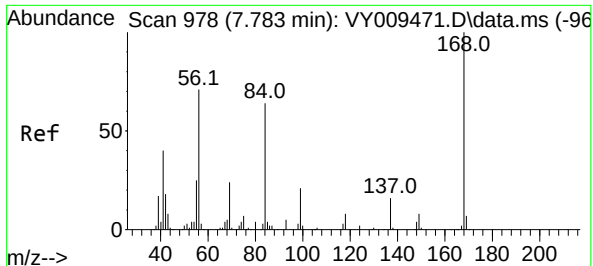
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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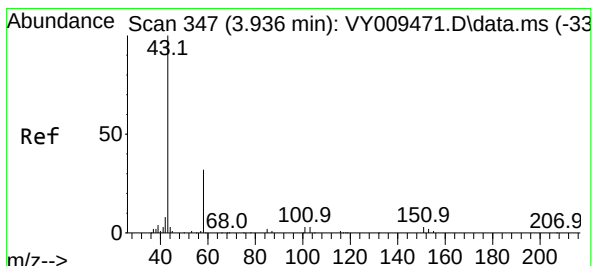
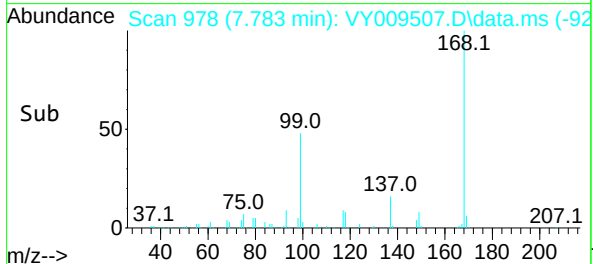
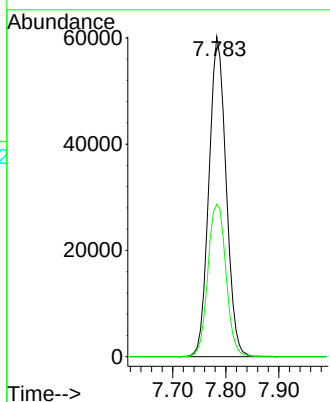
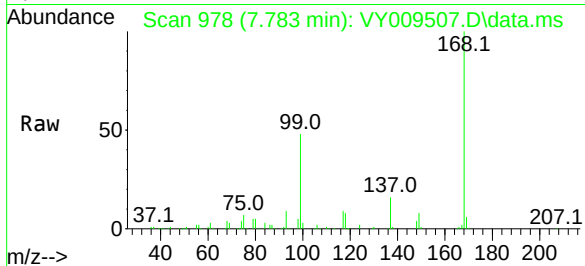




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

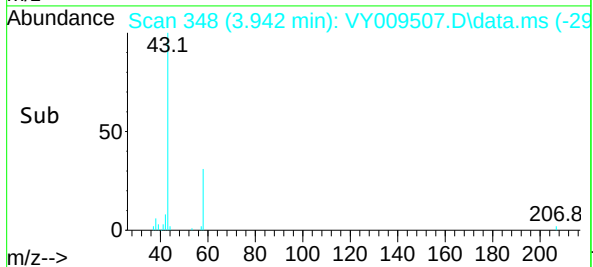
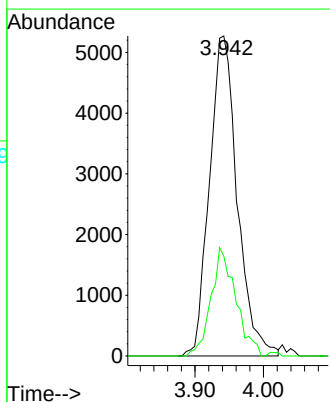
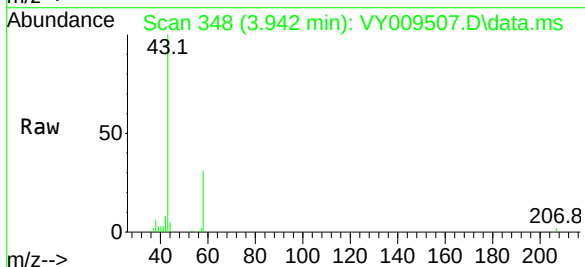
Instrument :
MSVOA_Y
ClientSampleId :
20220492B-10B

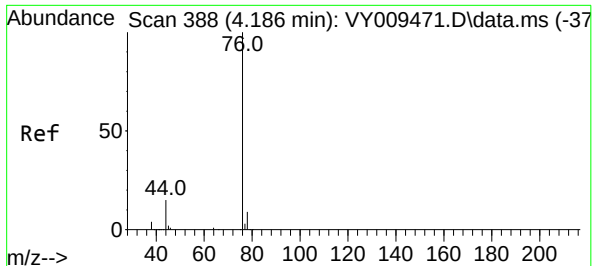
Tgt Ion:168 Resp: 135576
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3



#16
Acetone
Concen: 44.941 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Tgt Ion: 43 Resp: 14822
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0

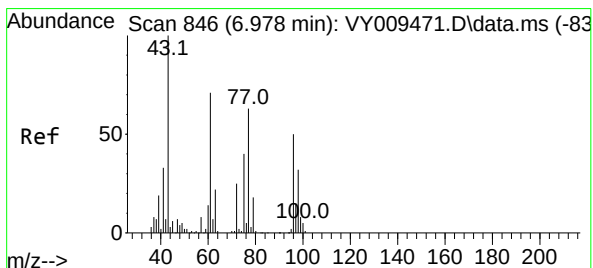
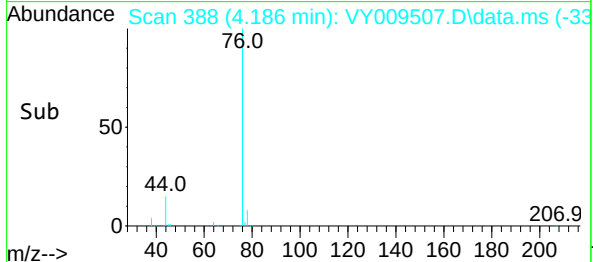
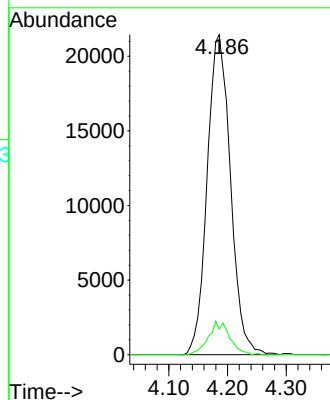
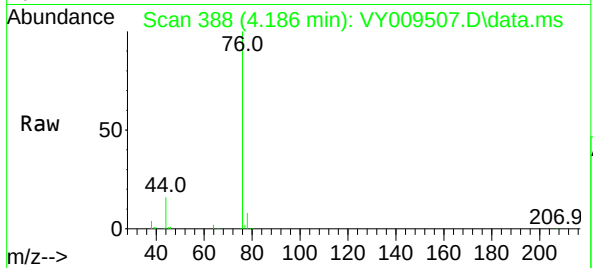




#17
Carbon Disulfide
Concen: 19.037 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

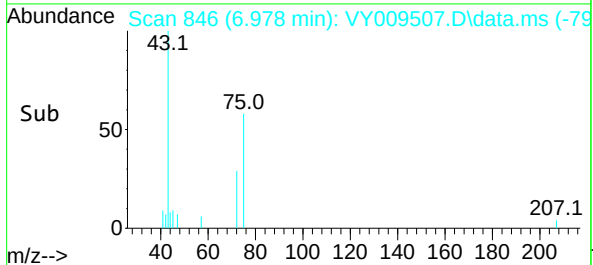
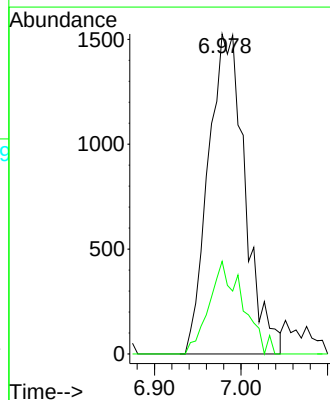
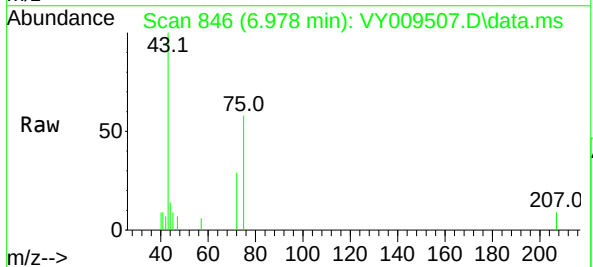
Instrument :
MSVOA_Y
ClientSampleId :
20220492B-10B

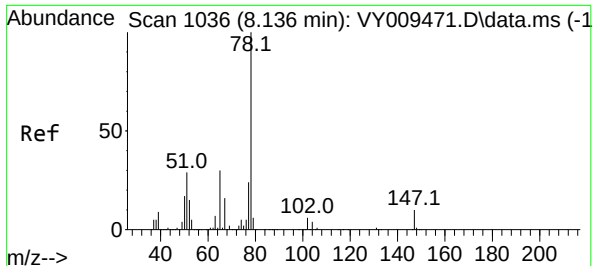
Tgt Ion: 76 Resp: 59093
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#25
2-Butanone
Concen: 8.427 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Tgt Ion: 43 Resp: 4496
Ion Ratio Lower Upper
43 100
72 29.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 49.602 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009507.D

Acq: 11 Jul 2022 14:03

Instrument :

MSVOA_Y

ClientSampleId :

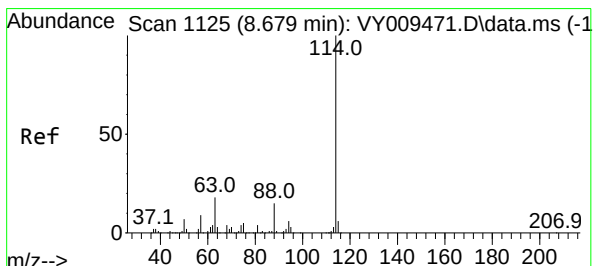
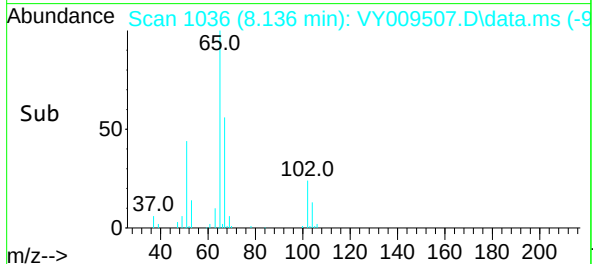
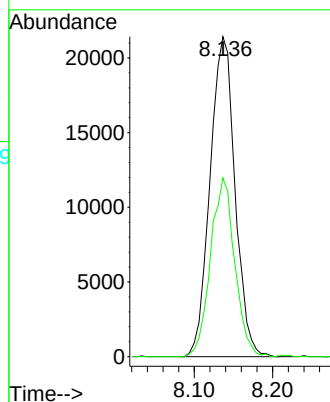
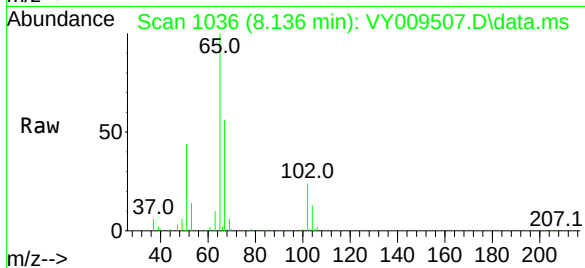
20220492B-10B

Tgt Ion: 65 Resp: 47420

Ion Ratio Lower Upper

65 100

67 54.2 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: VY009507.D

Acq: 11 Jul 2022 14:03

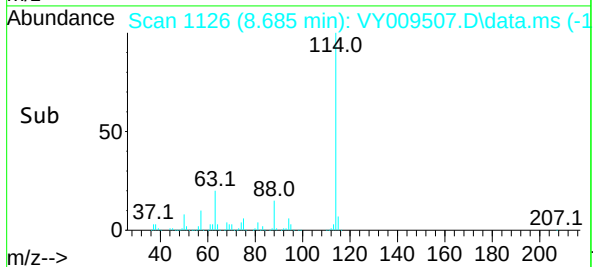
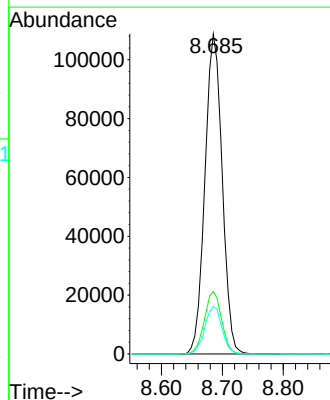
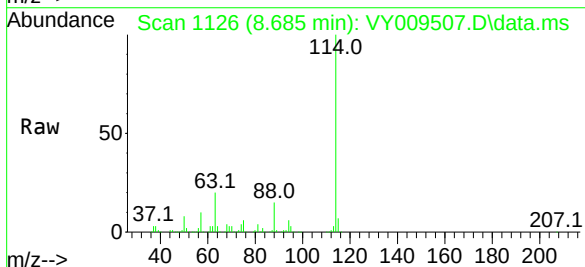
Tgt Ion: 114 Resp: 213988

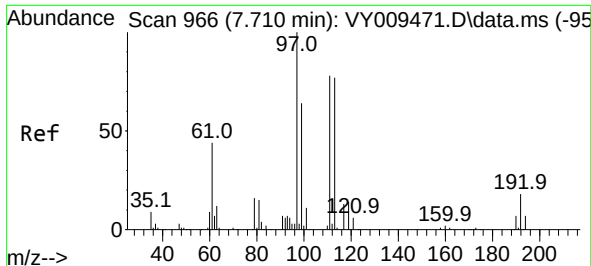
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.9 0.0 31.8

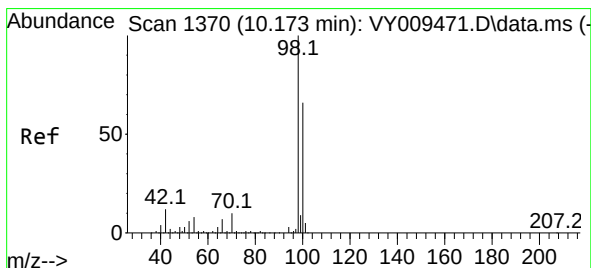
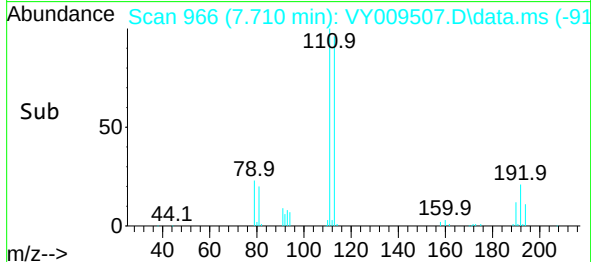
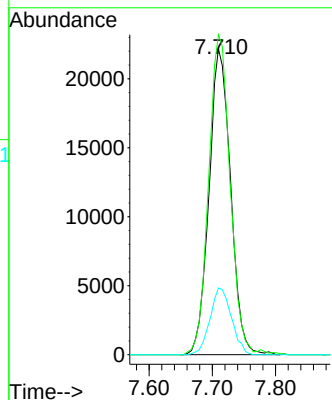
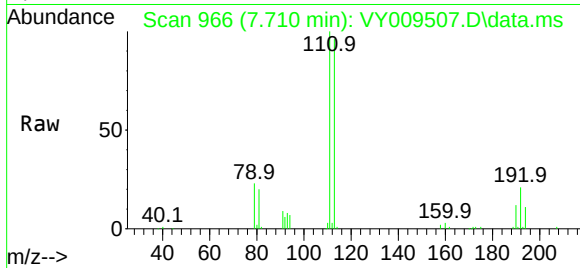




#35
 Dibromofluoromethane
 Concen: 46.764 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY009507.D
 Acq: 11 Jul 2022 14:03

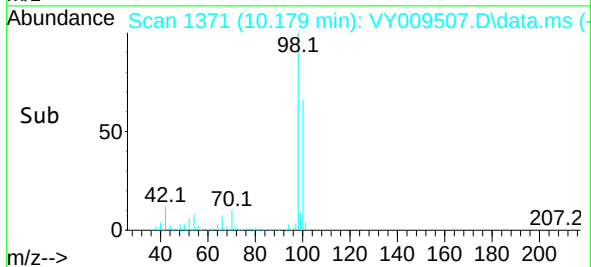
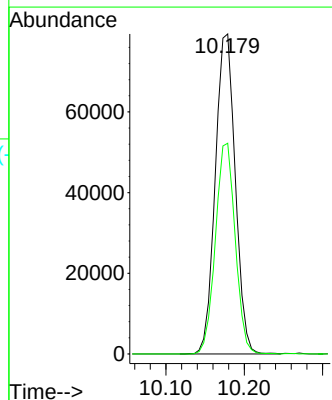
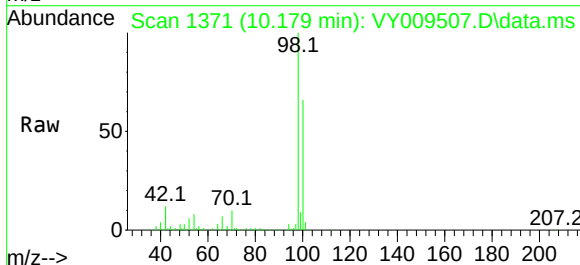
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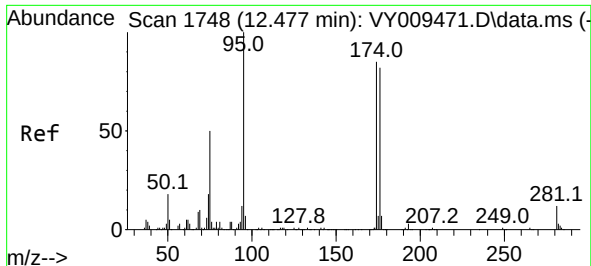
Tgt Ion:113 Resp: 52654
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.6 124.0
 192 21.6 17.6 26.4



#50
 Toluene-d8
 Concen: 44.790 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.006 min
 Lab File: VY009507.D
 Acq: 11 Jul 2022 14:03

Tgt Ion: 98 Resp: 140883
 Ion Ratio Lower Upper
 98 100
 100 65.2 50.2 75.2

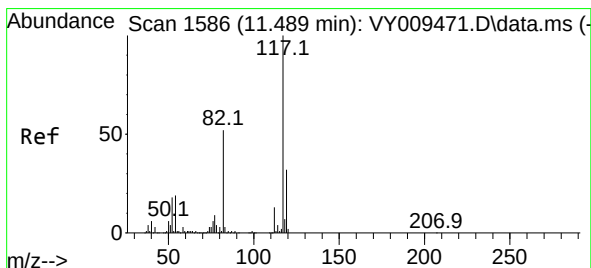
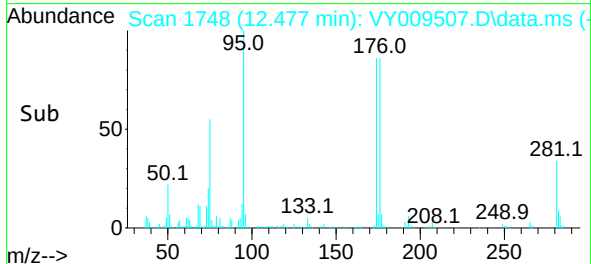
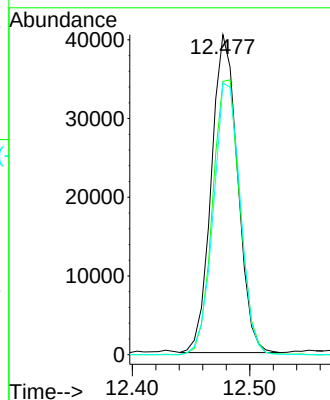
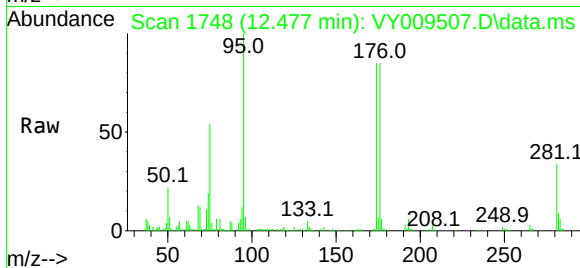




#62
4-Bromofluorobenzene
Concen: 39.476 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

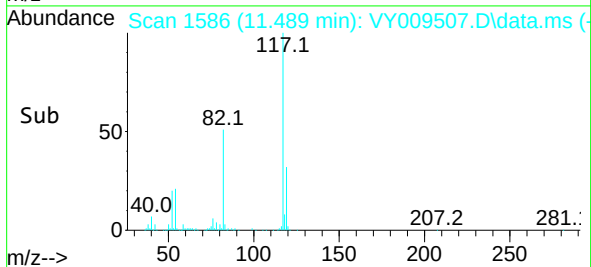
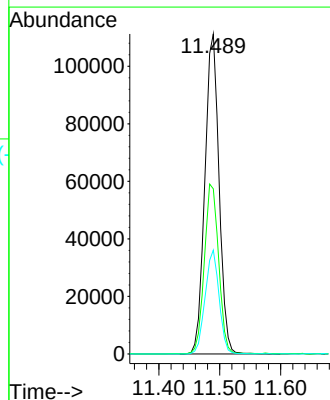
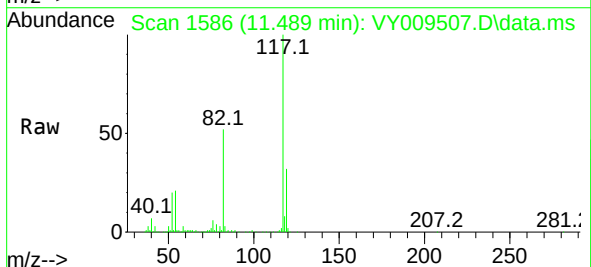
Instrument :
MSVOA_Y
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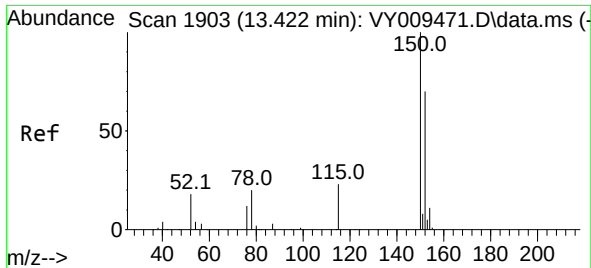
Tgt Ion: 95 Resp: 62742
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 87.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Tgt Ion: 117 Resp: 180043
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.5 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: VY009507.D

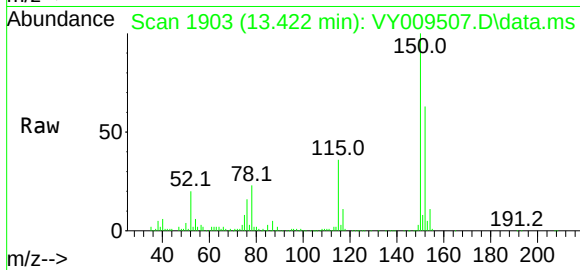
Acq: 11 Jul 2022 14:03

Instrument :

MSVOA_Y

ClientSampleId :

20220492B-10B



Tgt Ion:152 Resp: 65672

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 155.8 0.0 347.6

