

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009506.D
 Acq On : 11 Jul 2022 13:40
 Operator : KP/MD
 Sample : N3593-13
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220492A-10A

Quant Time: Jul 12 05:02:33 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)

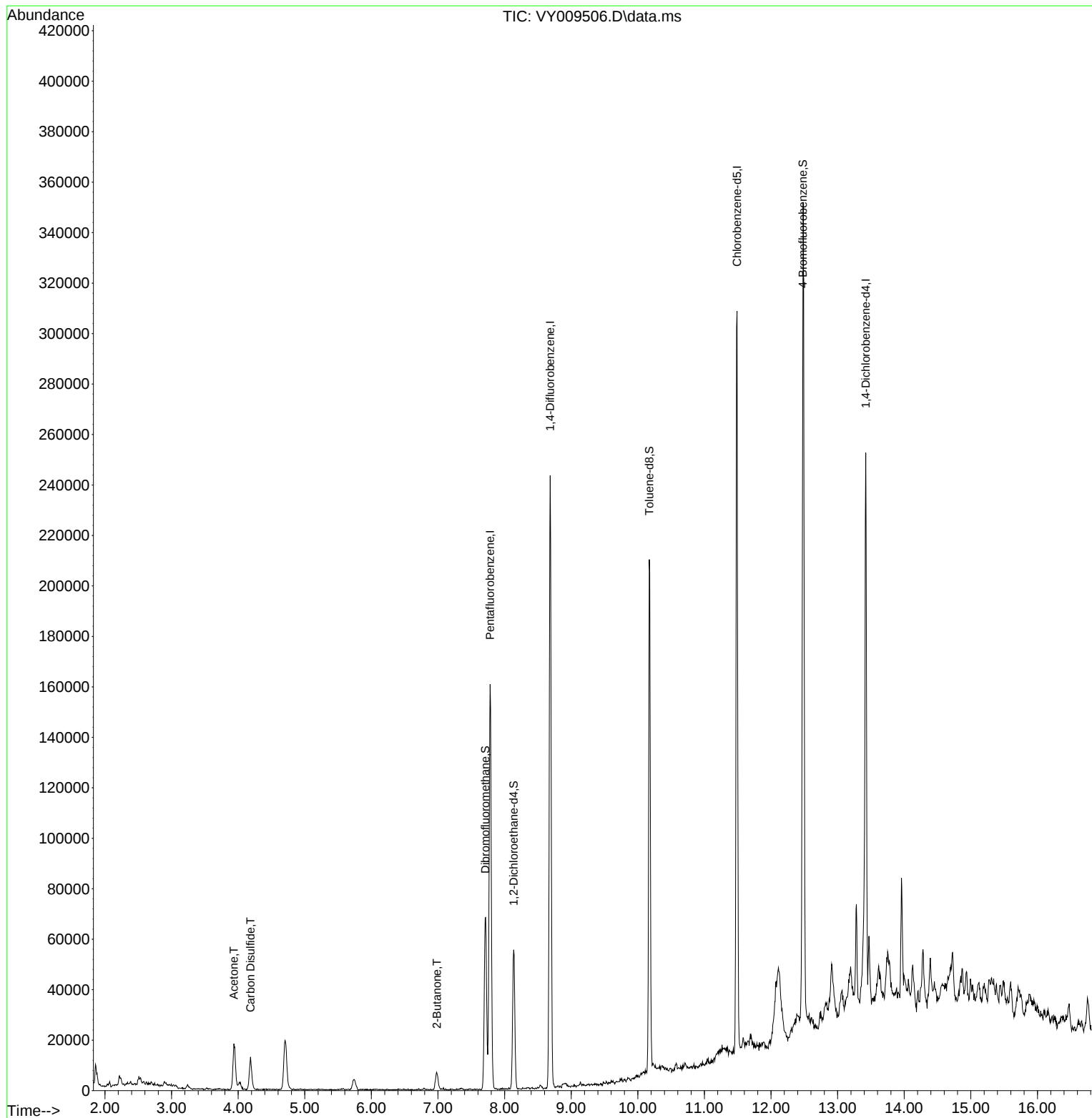
Internal Standards						
1) Pentafluorobenzene	7.783	168	127898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	208138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44094	48.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.560%
35) Dibromofluoromethane	7.710	113	49130	44.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.720%
50) Toluene-d8	10.173	98	132573	43.018	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	86.040%
62) 4-Bromofluorobenzene	12.477	95	52889	34.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	68.420%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	31617	101.620	ug/l	100
17) Carbon Disulfide	4.186	76	23339	10.540	ug/l	99
25) 2-Butanone	6.984	43	10727	21.313	ug/l	94

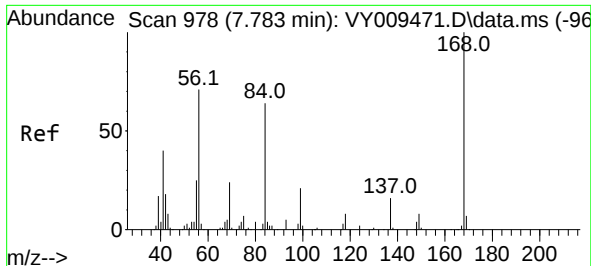
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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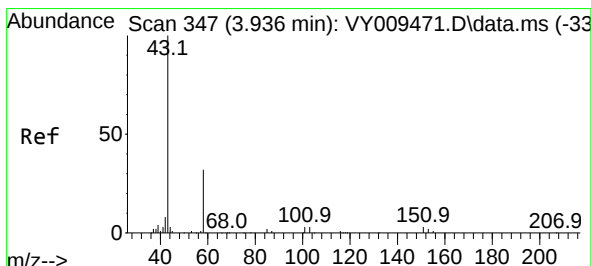
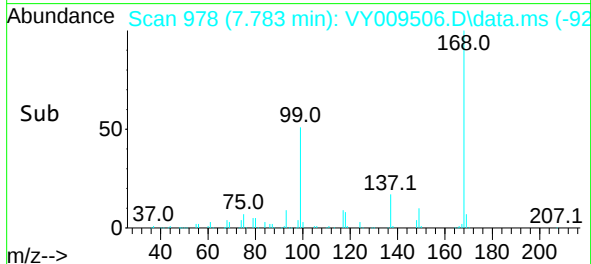
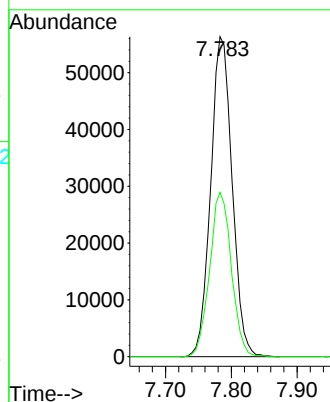
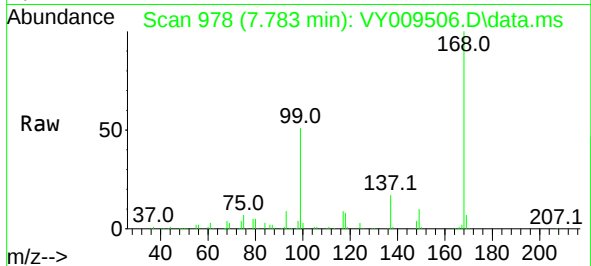




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

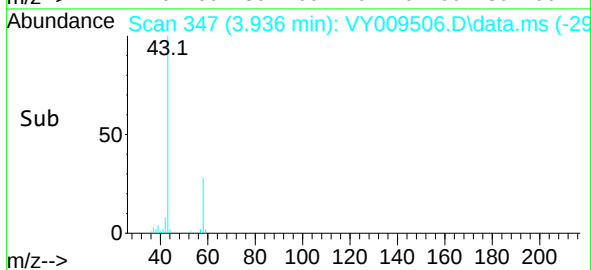
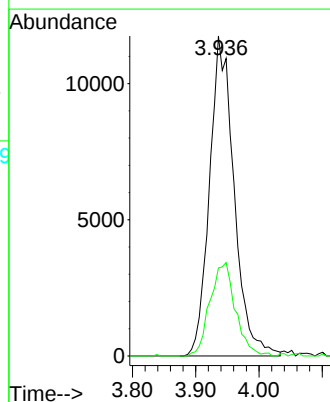
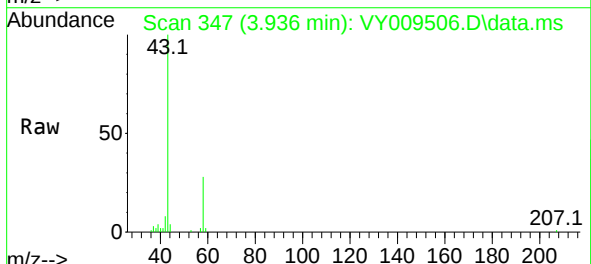
Instrument :
MSVOA_Y
ClientSampleId :
20220492A-10A

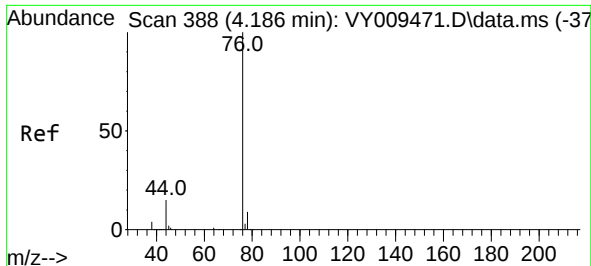
Tgt Ion:168 Resp: 127898
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#16
Acetone
Concen: 101.620 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Tgt Ion: 43 Resp: 31617
Ion Ratio Lower Upper
43 100
58 27.5 22.0 33.0

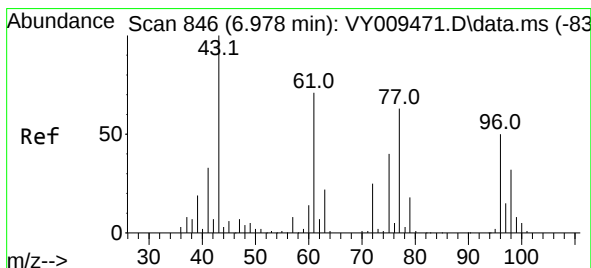
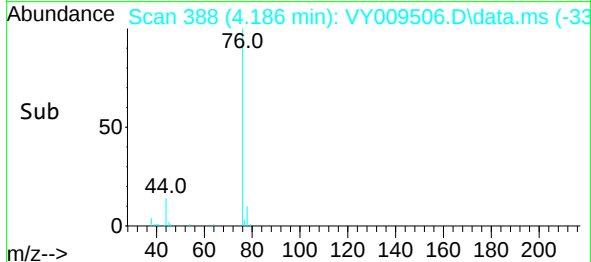
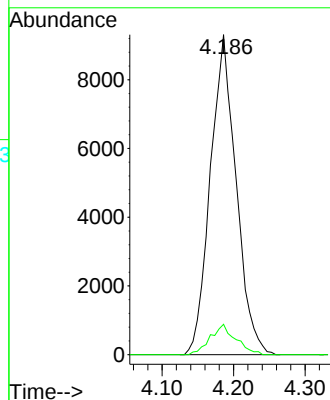
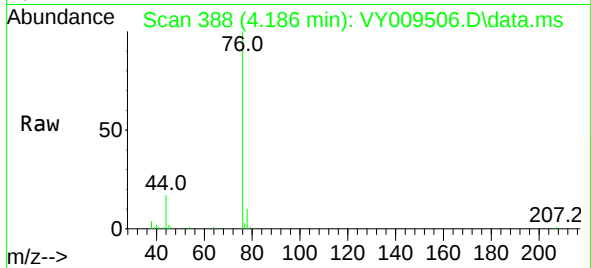




#17
Carbon Disulfide
Concen: 10.540 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

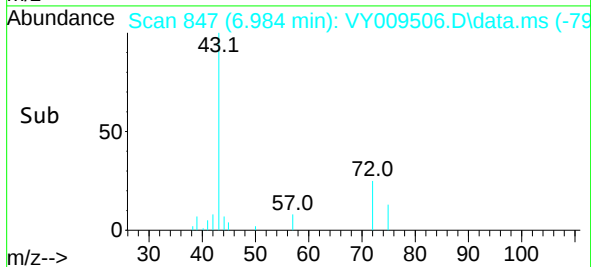
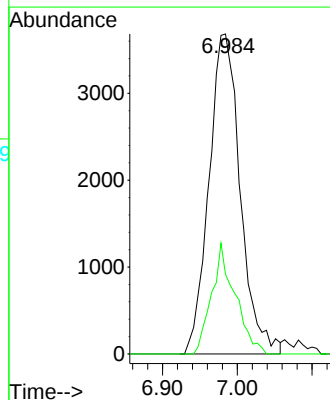
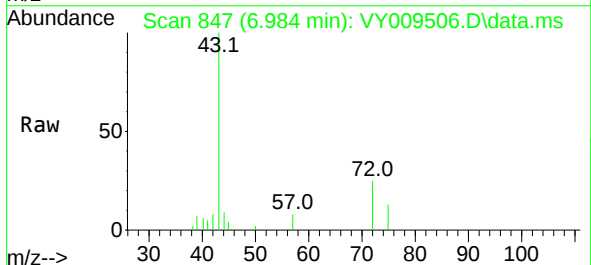
Instrument :
MSVOA_Y
ClientSampleId :
20220492A-10A

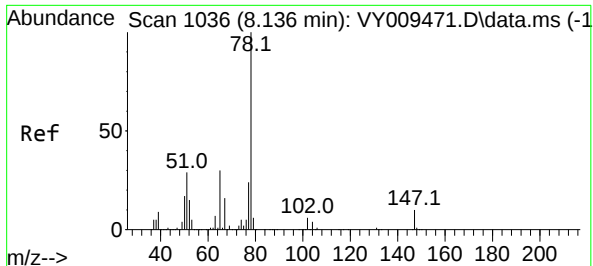
Tgt Ion: 76 Resp: 23339
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#25
2-Butanone
Concen: 21.313 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Tgt Ion: 43 Resp: 10727
Ion Ratio Lower Upper
43 100
72 24.9 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 48.785 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009506.D

Acq: 11 Jul 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

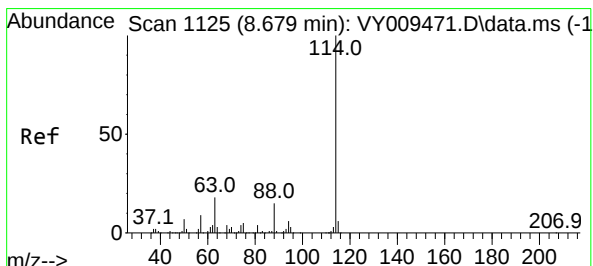
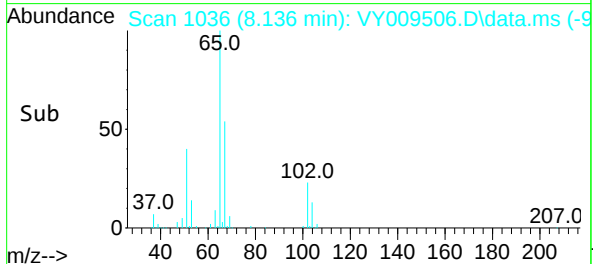
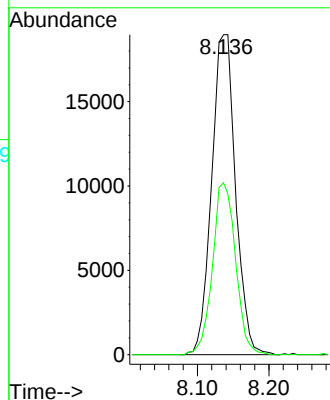
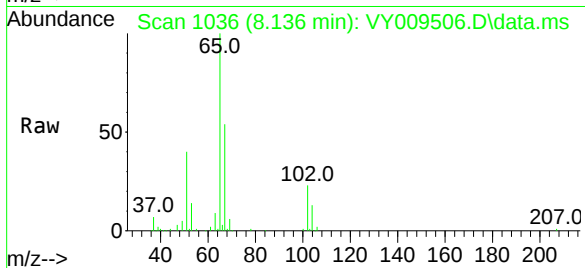
20220492A-10A

Tgt Ion: 65 Resp: 44094

Ion Ratio Lower Upper

65 100

67 51.7 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: VY009506.D

Acq: 11 Jul 2022 13:40

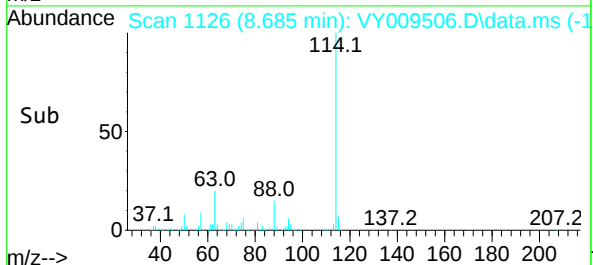
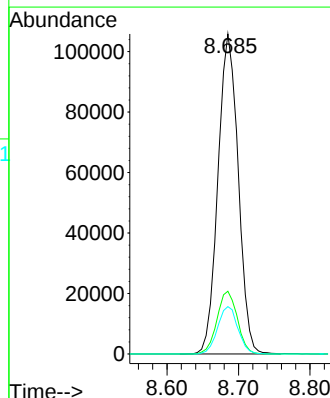
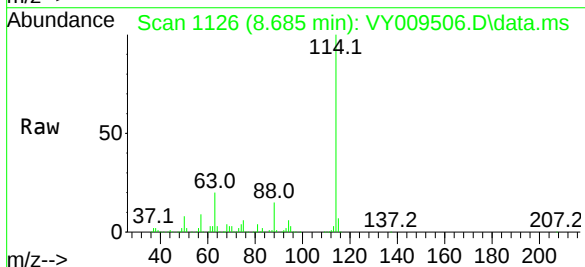
Tgt Ion: 114 Resp: 208138

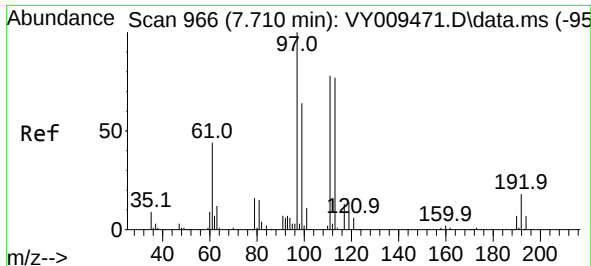
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.8 0.0 31.8

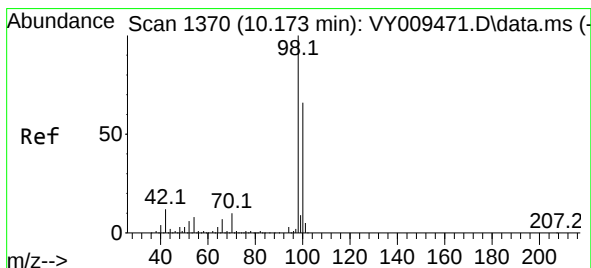
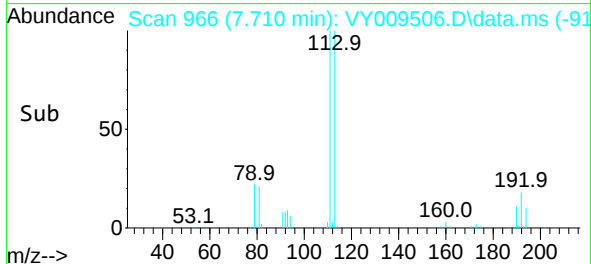
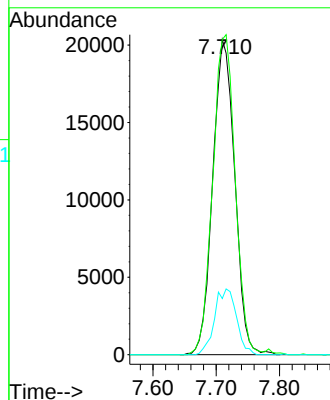
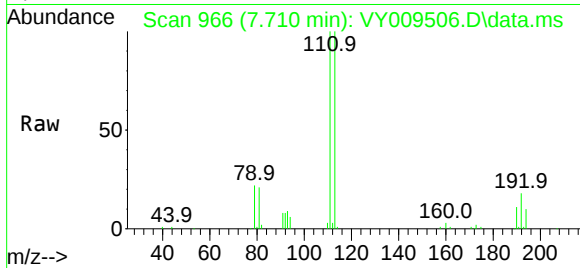




#35
 Dibromofluoromethane
 Concen: 44.861 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY009506.D
 Acq: 11 Jul 2022 13:40

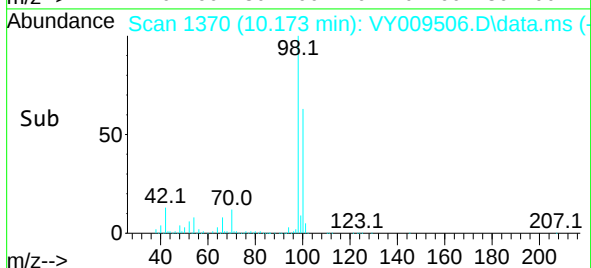
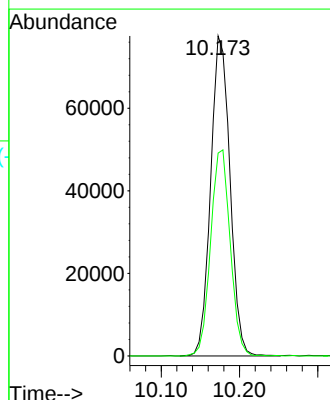
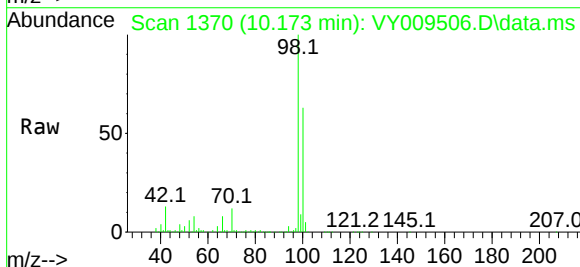
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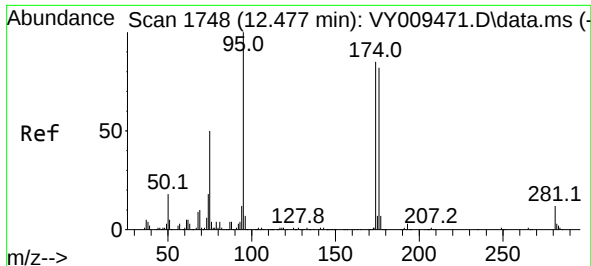
Tgt Ion:113 Resp: 49130
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.6 124.0
 192 20.7 17.6 26.4



#50
 Toluene-d8
 Concen: 43.018 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY009506.D
 Acq: 11 Jul 2022 13:40

Tgt Ion: 98 Resp: 132573
 Ion Ratio Lower Upper
 98 100
 100 65.4 50.2 75.2

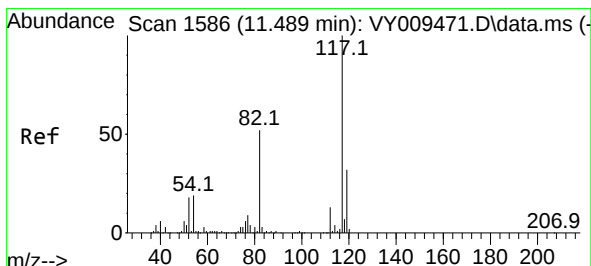
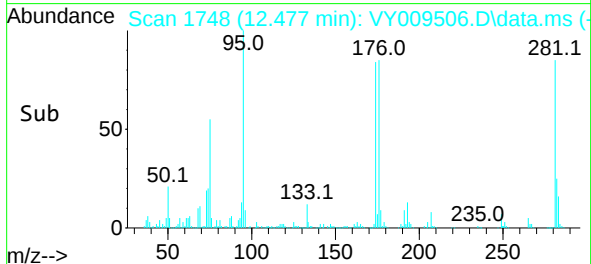
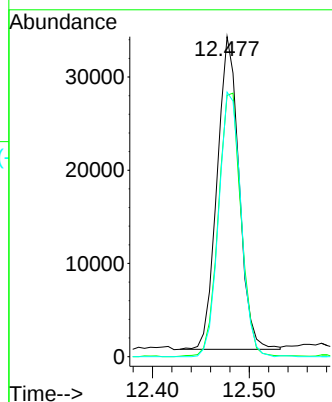
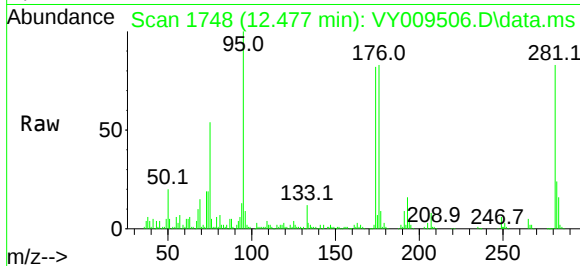




#62
4-Bromofluorobenzene
Concen: 34.212 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

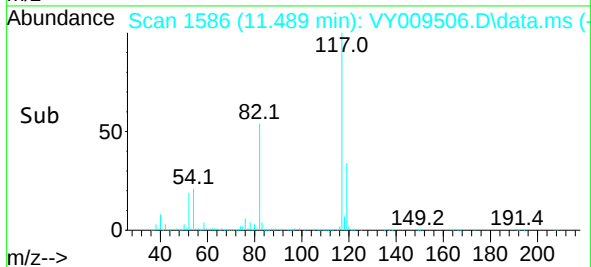
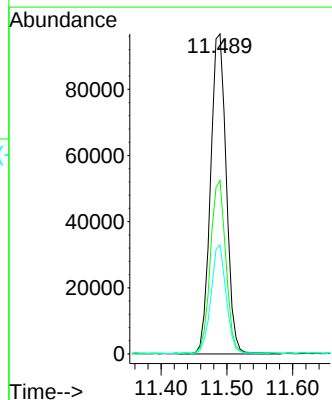
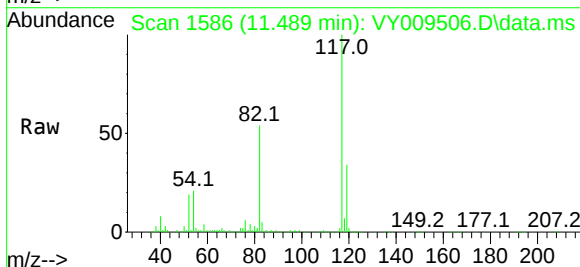
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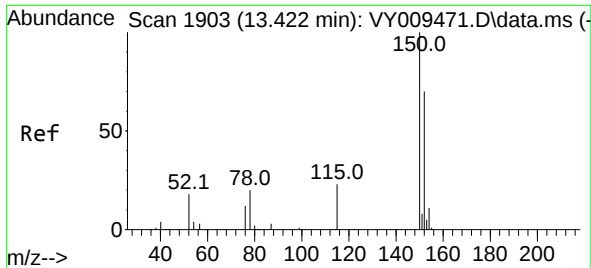
Tgt Ion: 95 Resp: 52889
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 85.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

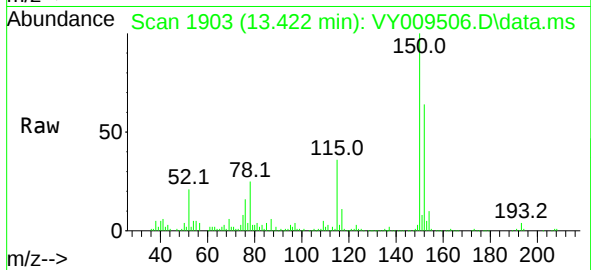
Tgt Ion: 117 Resp: 161292
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 34.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009506.D
 Acq: 11 Jul 2022 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220492A-10A



Tgt Ion:	152	Resp:	50853
Ion Ratio	Lower	Upper	
152	100		
115	55.5	28.2	84.7
150	154.3	0.0	347.6

