

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009487.D
 Acq On : 08 Jul 2022 16:59
 Operator : KP/MD
 Sample : N3595-07
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220489A-7A

Quant Time: Jul 11 02:15:22 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)

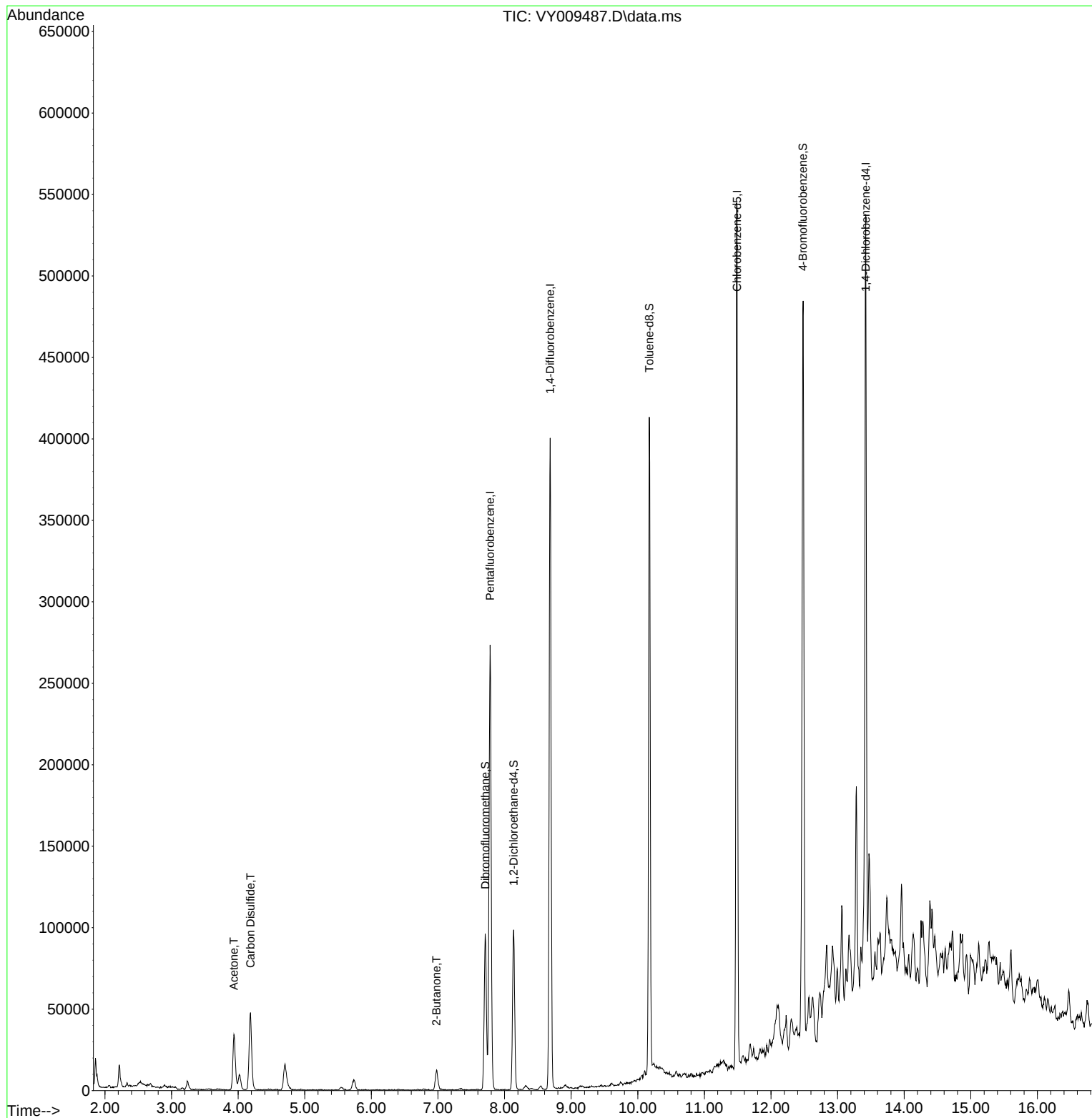
Internal Standards						
1) Pentafluorobenzene	7.783	168	214313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	74712	49.413	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.820%		
35) Dibromofluoromethane	7.710	113	65157	36.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	72.180%		
50) Toluene-d8	10.173	98	261696	53.419	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	106.840%		
62) 4-Bromofluorobenzene	12.477	95	87304	34.255	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	68.500%		
Target Compounds						
16) Acetone	3.936	43	57412	110.122	ug/l	91
17) Carbon Disulfide	4.186	76	93069	18.983	ug/l	99
25) 2-Butanone	6.978	43	19546	23.176	ug/l	94

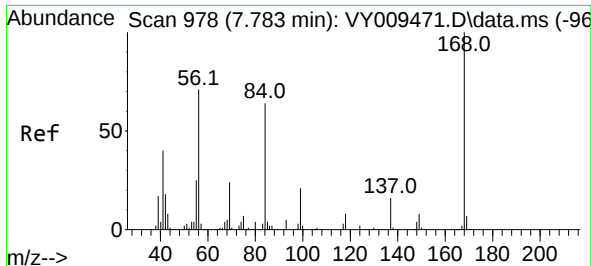
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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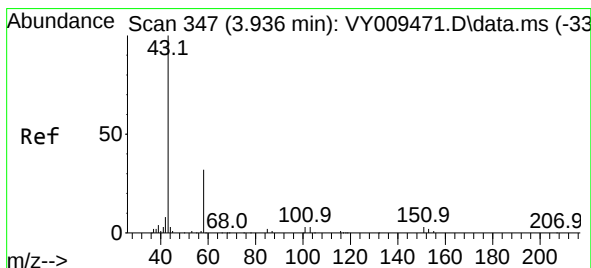
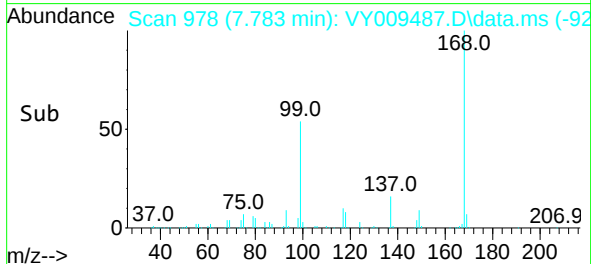
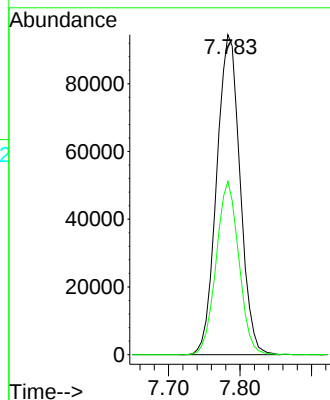
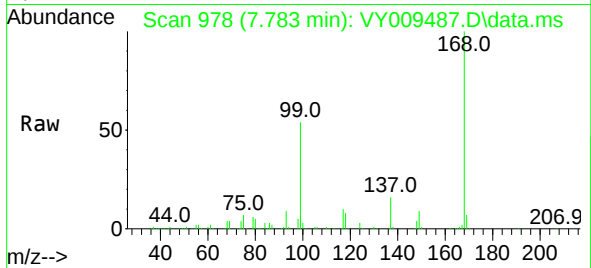




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

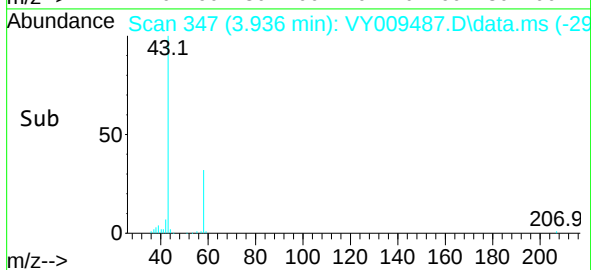
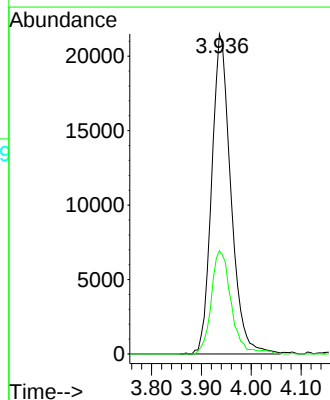
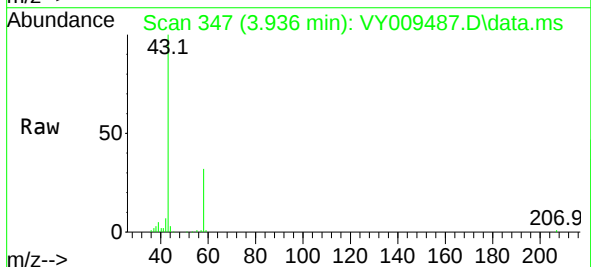
Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

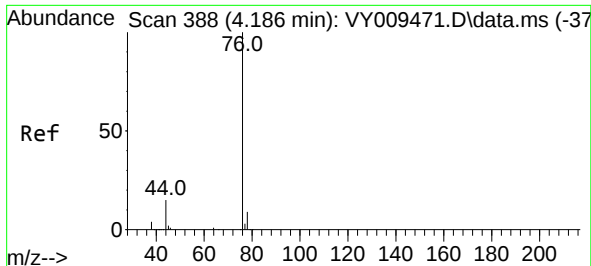
Tgt Ion:168 Resp: 214313
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#16
Acetone
Concen: 110.122 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 43 Resp: 57412
Ion Ratio Lower Upper
43 100
58 32.2 22.0 33.0

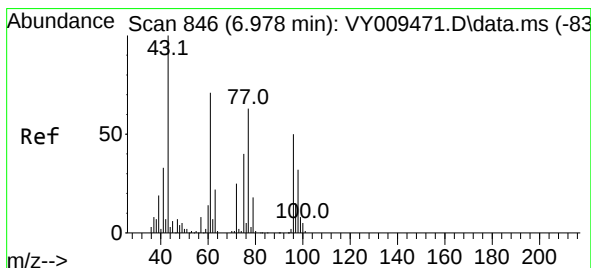
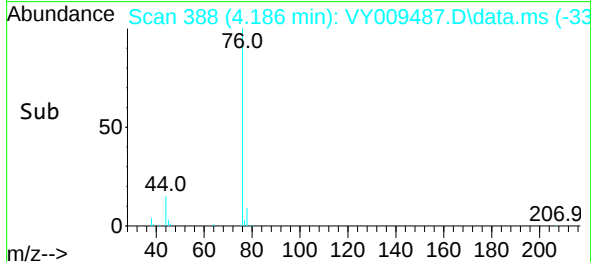
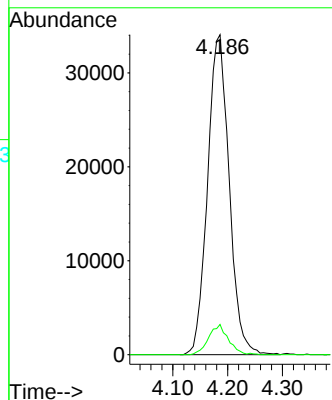
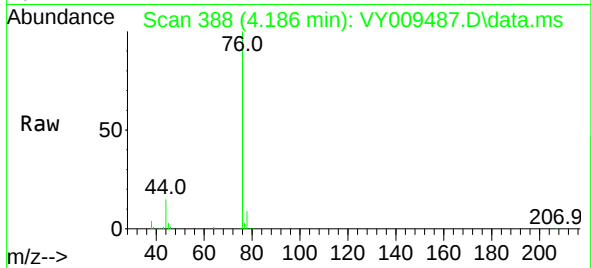




#17
Carbon Disulfide
Concen: 18.983 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

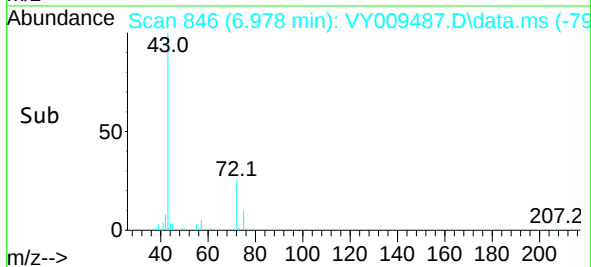
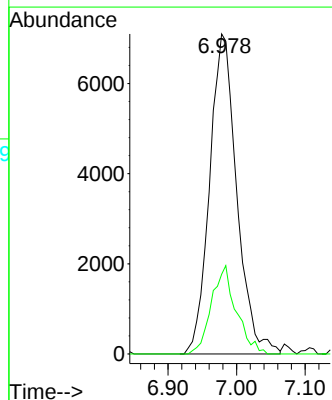
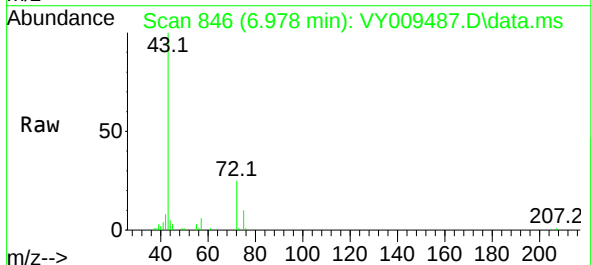
Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

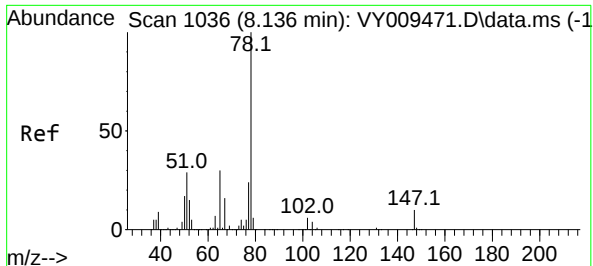
Tgt Ion: 76 Resp: 93069
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#25
2-Butanone
Concen: 23.176 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 43 Resp: 19546
Ion Ratio Lower Upper
43 100
72 24.9 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 49.413 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY009487.D

Acq: 08 Jul 2022 16:59

Instrument :

MSVOA_Y

ClientSampleId :

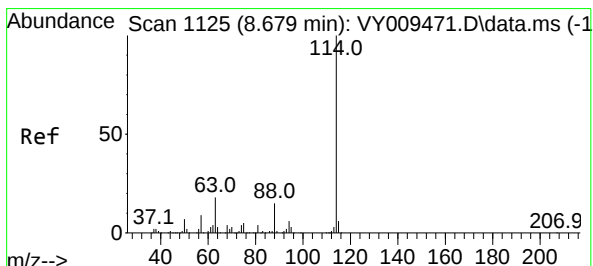
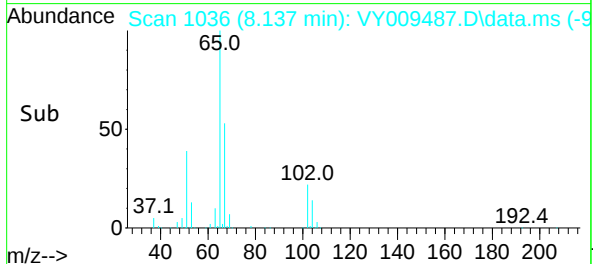
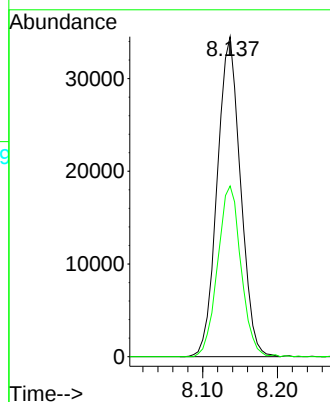
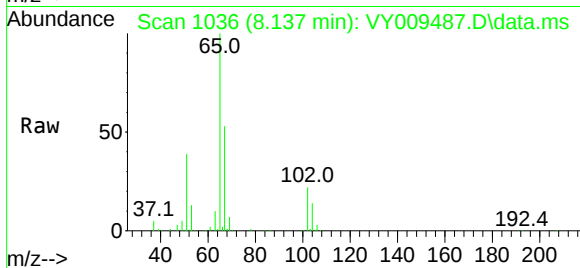
20220489A-7A

Tgt Ion: 65 Resp: 74712

Ion Ratio Lower Upper

65 100

67 53.6 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: VY009487.D

Acq: 08 Jul 2022 16:59

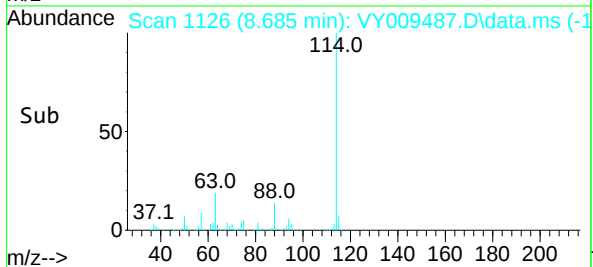
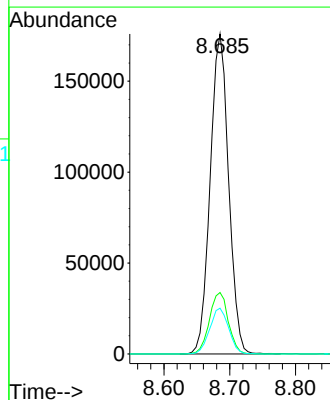
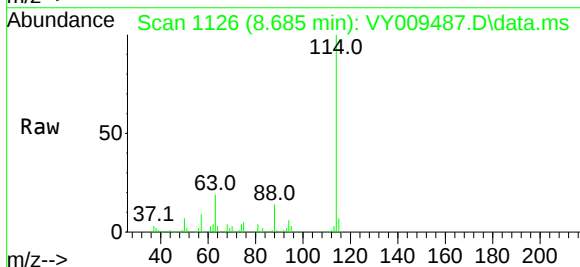
Tgt Ion: 114 Resp: 343148

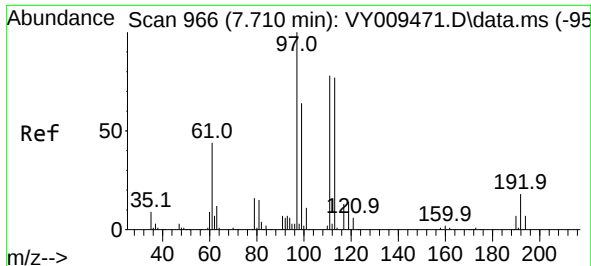
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.3 0.0 31.8

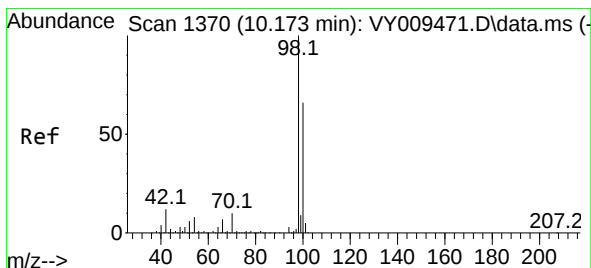
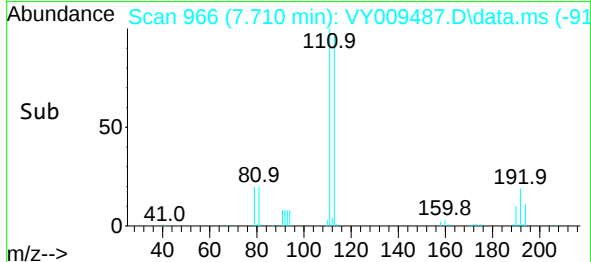
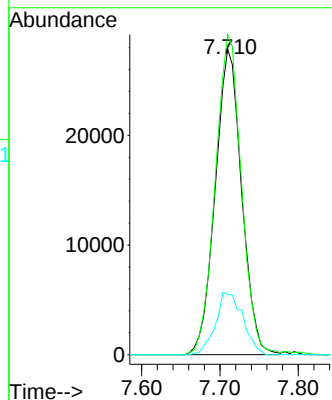
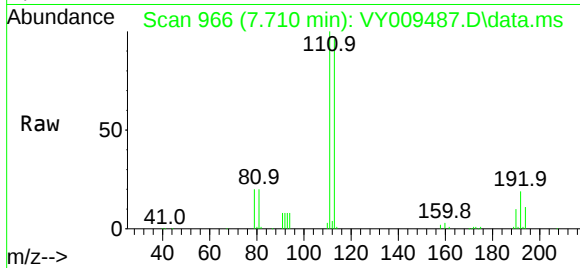




#35
Dibromofluoromethane
Concen: 36.087 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

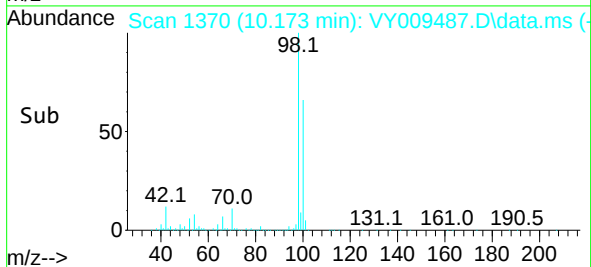
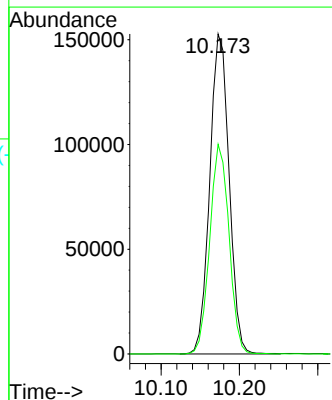
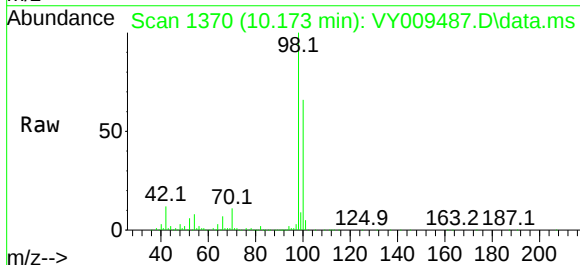
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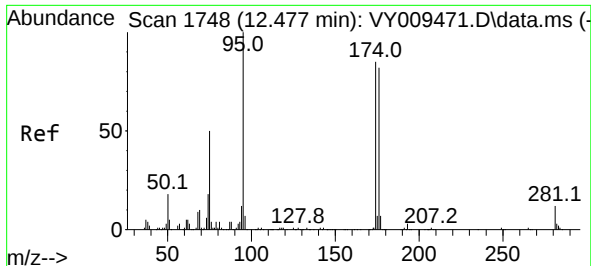
Tgt Ion:113 Resp: 65157
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 21.0 17.6 26.4



#50
Toluene-d8
Concen: 53.419 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 98 Resp: 261696
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

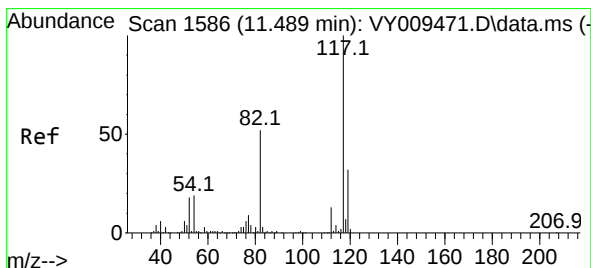
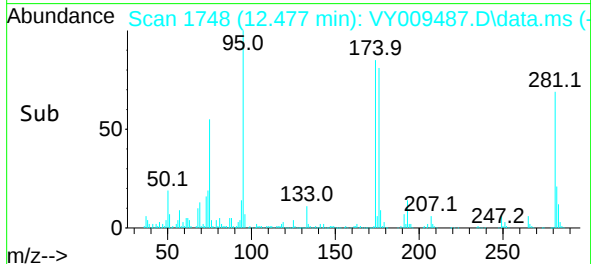
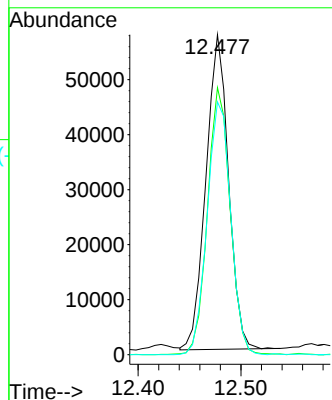
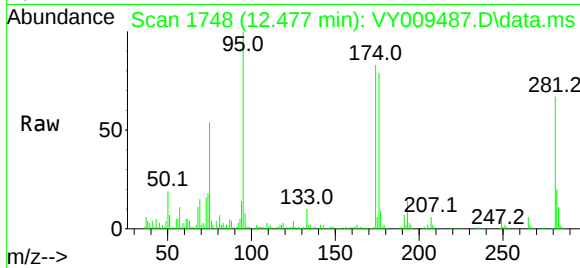




#62
4-Bromofluorobenzene
Concen: 34.255 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

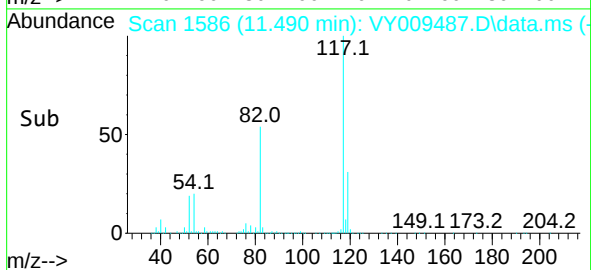
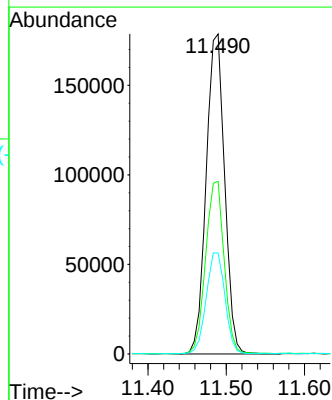
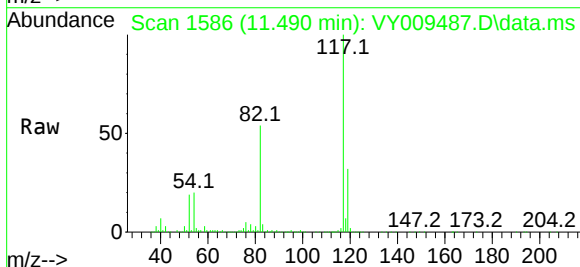
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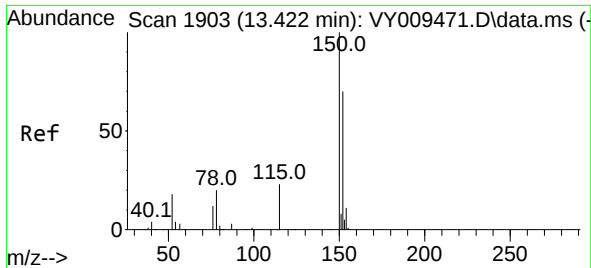
Tgt Ion: 95 Resp: 87304
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 117 Resp: 292007
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.5 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: VY009487.D
 Acq: 08 Jul 2022 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220489A-7A

Tgt Ion:152 Resp: 120043
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 152.5 0.0 347.6

