

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007088.D
 Acq On : 08 Jan 2022 19:01
 Operator : SY/MD
 Sample : N1071-02
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FM-E1-01-4.5

Quant Time: Jan 10 03:42:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

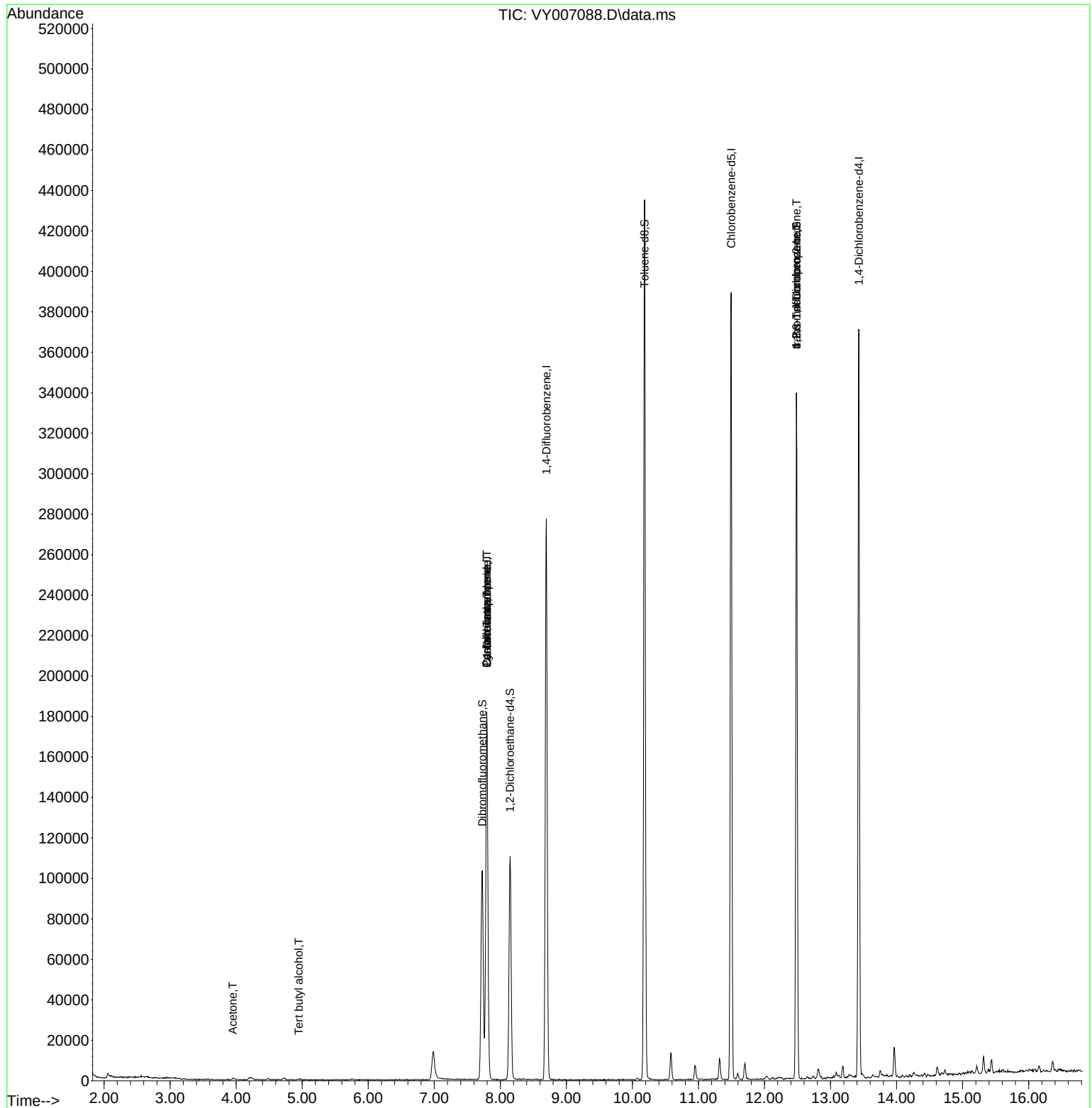
Internal Standards						
1) Pentafluorobenzene	7.795	168	130563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	208474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88562	56.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.400%
35) Dibromofluoromethane	7.728	113	76000	49.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.185	98	283004	49.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.483	95	100610	48.717	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	355	2.851	ug/l #	73
16) Acetone	3.948	43	712	2.430	ug/l	95
20) Methylene Chloride	4.722	84	651	Below Cal	#	69
31) Cyclohexane	7.795	56	2985	1.110	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11495	4.679	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14516	5.656	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	53461	53.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53461	100.118	ug/l #	3

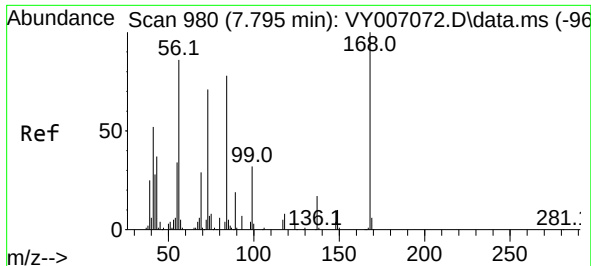
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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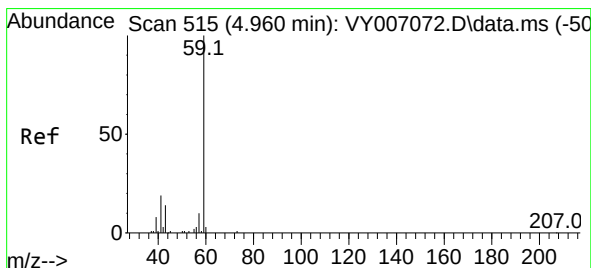
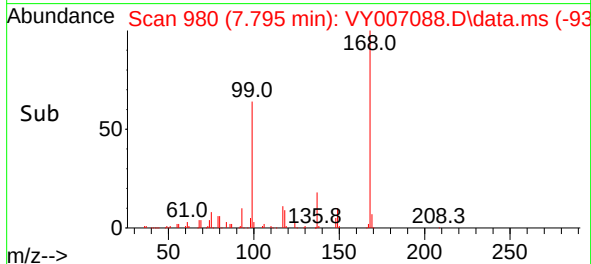
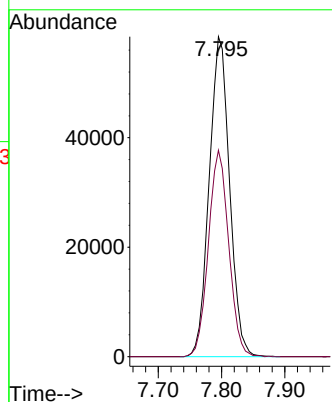
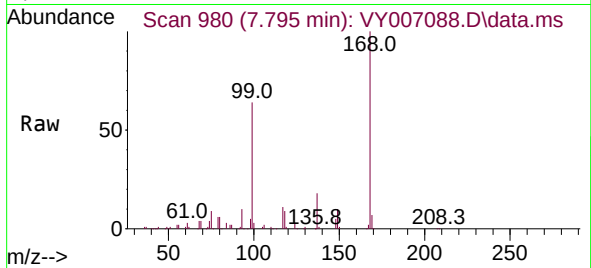




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007088.D
Acq: 08 Jan 2022 19:01

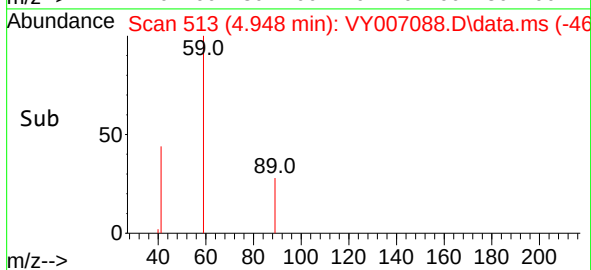
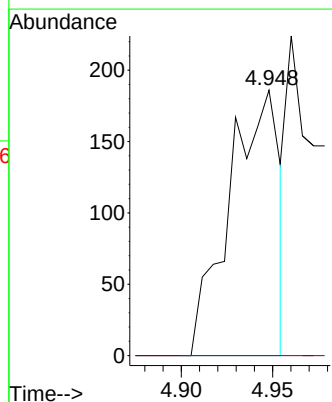
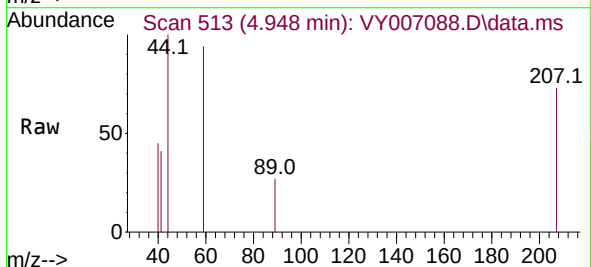
Instrument :
MSVOA_Y
ClientSampleId :
FM-E1-01-4.5

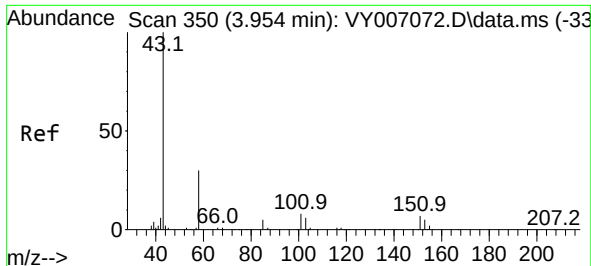
Tgt Ion:168 Resp: 130563
Ion Ratio Lower Upper
168 100
99 64.5 49.1 73.7



#11
Tert butyl alcohol
Concen: 2.851 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY007088.D
Acq: 08 Jan 2022 19:01

Tgt Ion: 59 Resp: 355
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

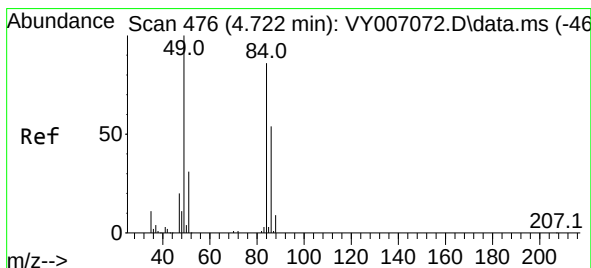
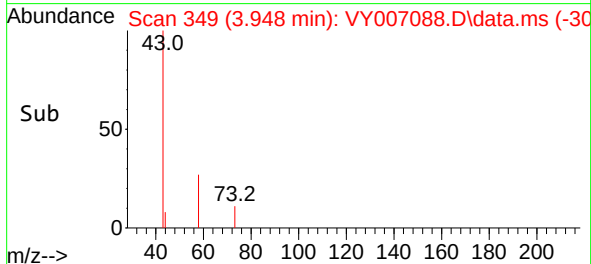
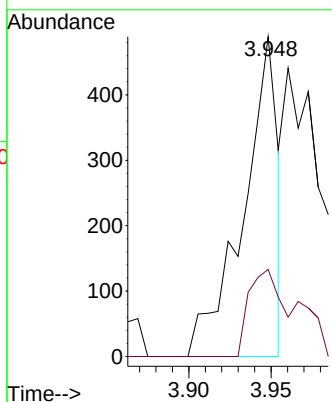
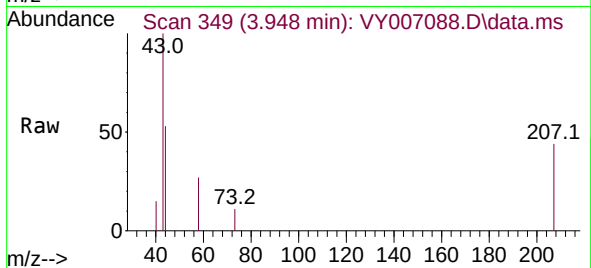




#16
Acetone
Concen: 2.430 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007088.D
Acq: 08 Jan 2022 19:01

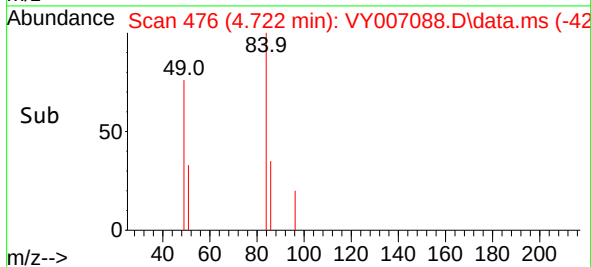
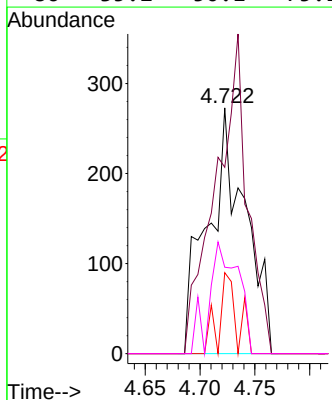
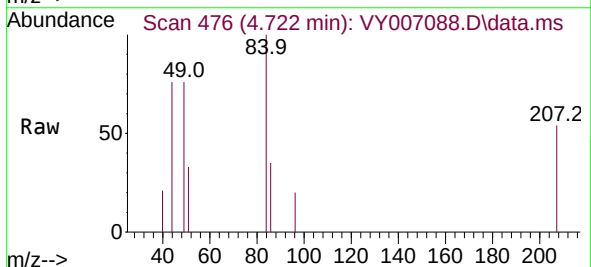
Instrument :
MSVOA_Y
ClientSampleId :
FM-E1-01-4.5

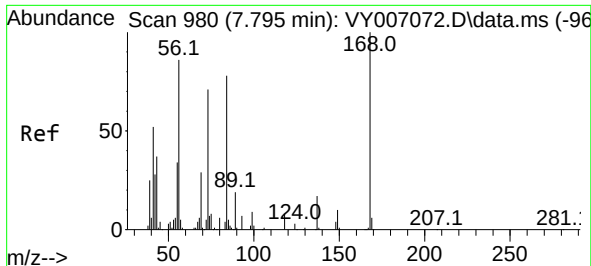
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 27.2 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007088.D
Acq: 08 Jan 2022 19:01

Tgt Ion: 84 Resp: 651
Ion Ratio Lower Upper
84 100
49 75.8 92.6 139.0#
51 33.0 28.6 42.8
86 35.2 50.1 75.1#

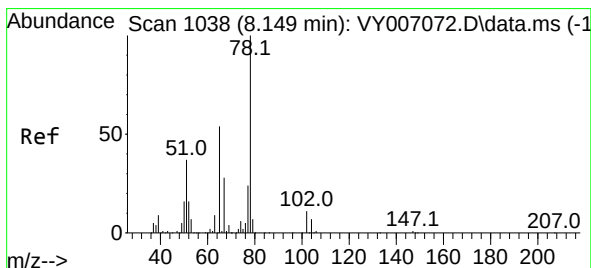
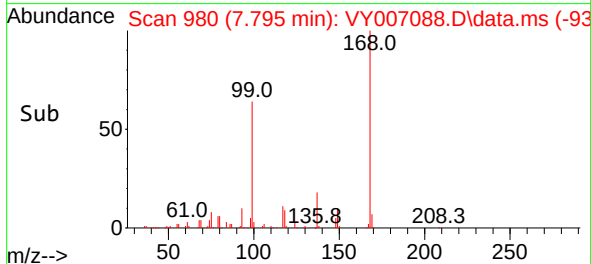
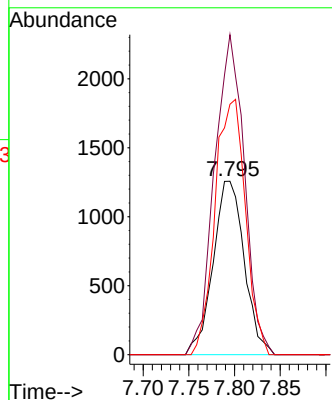
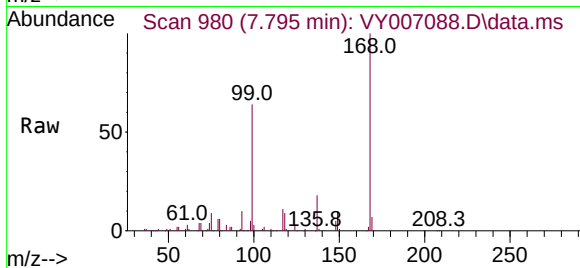




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007088.D
Acq: 08 Jan 2022 19:01

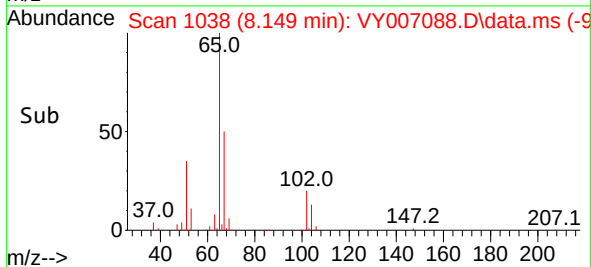
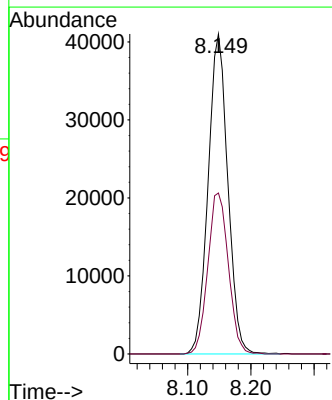
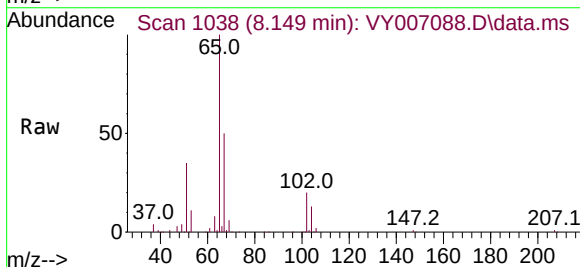
Instrument :
MSVOA_Y
ClientSampleId :
FM-E1-01-4.5

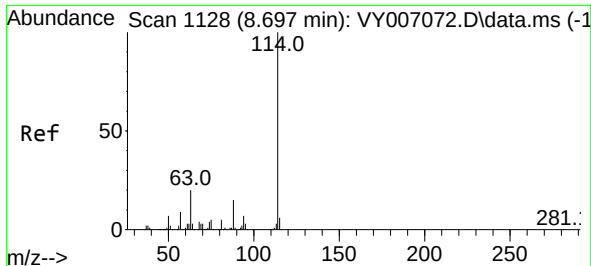
Tgt Ion: 56 Resp: 2985
Ion Ratio Lower Upper
56 100
69 184.6 27.2 40.8#
84 144.4 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 56.699 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY007088.D
Acq: 08 Jan 2022 19:01

Tgt Ion: 65 Resp: 88562
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY007088.D

Acq: 08 Jan 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

FM-E1-01-4.5

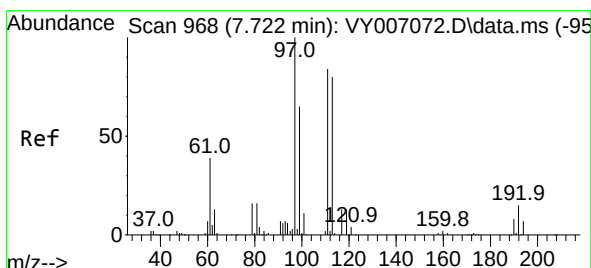
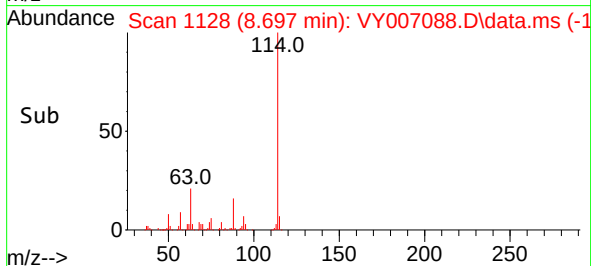
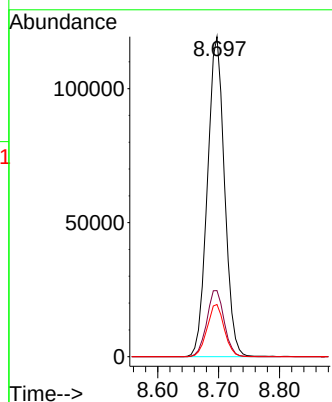
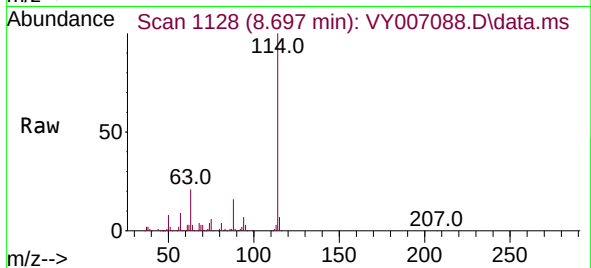
Tgt Ion:114 Resp: 232604

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 16.3 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.024 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY007088.D

Acq: 08 Jan 2022 19:01

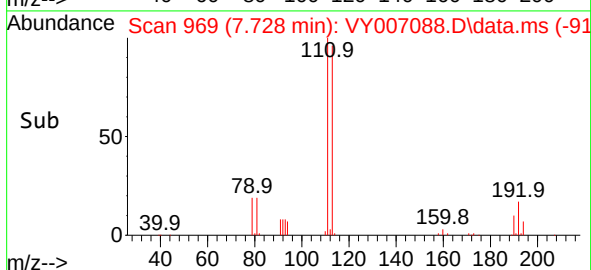
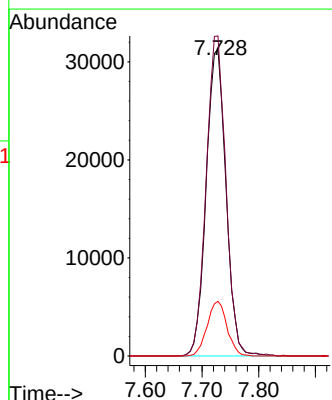
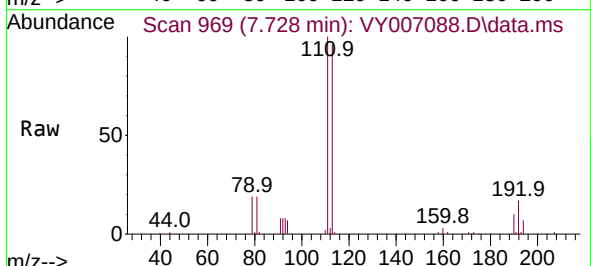
Tgt Ion:113 Resp: 76000

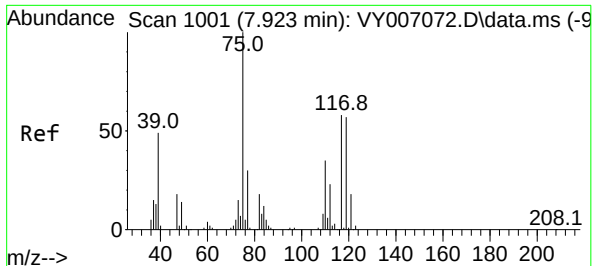
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 17.8 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.679 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007088.D

Acq: 08 Jan 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

FM-E1-01-4.5

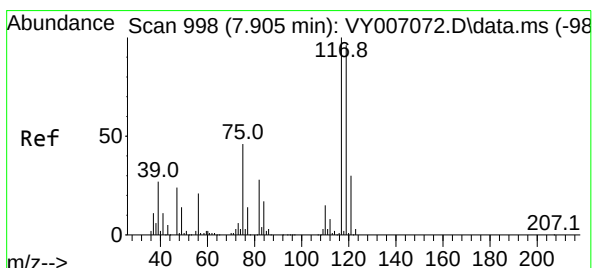
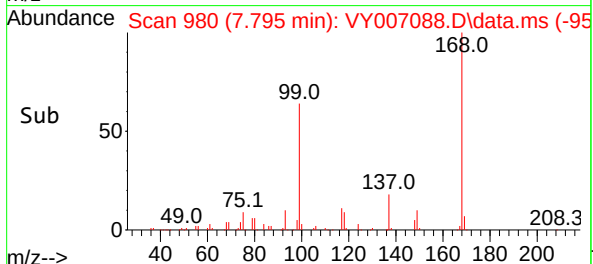
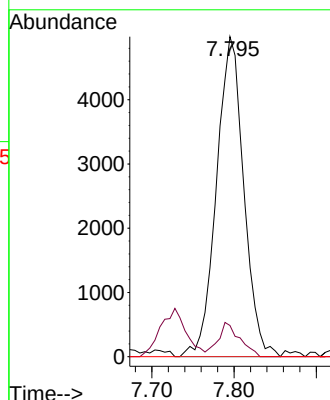
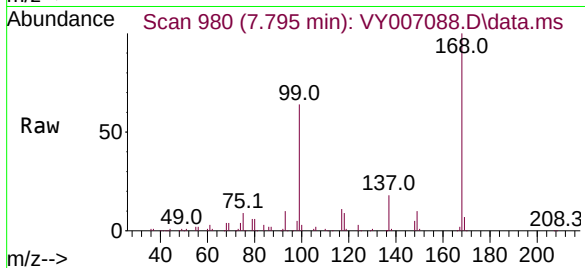
Tgt Ion: 75 Resp: 11495

Ion Ratio Lower Upper

75 100

110 8.4 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.656 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007088.D

Acq: 08 Jan 2022 19:01

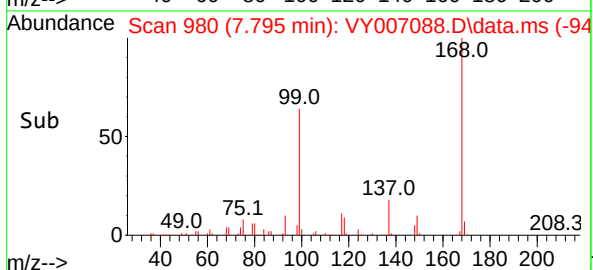
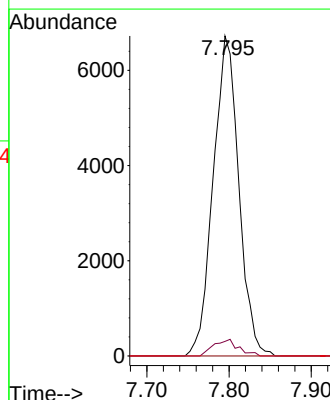
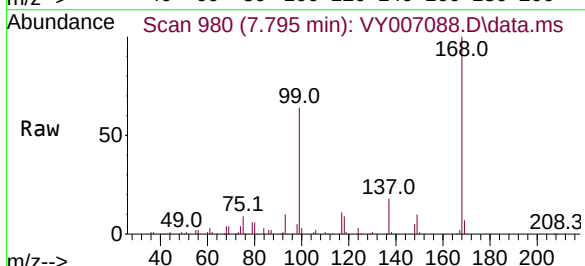
Tgt Ion: 117 Resp: 14516

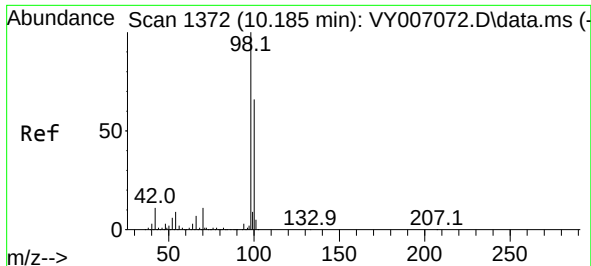
Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

121 0.0 24.2 36.2#

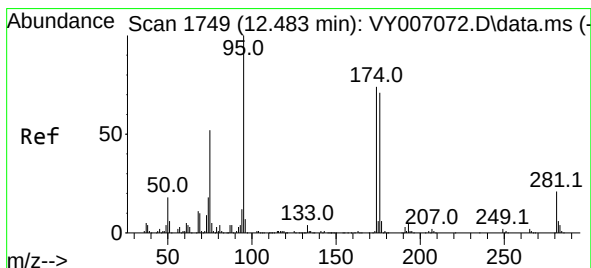
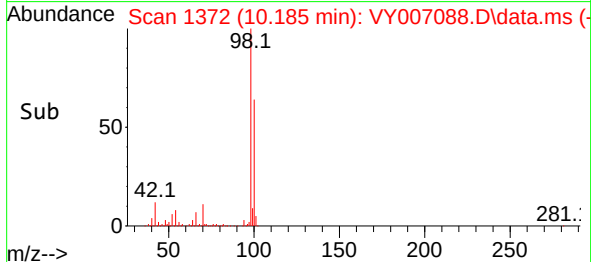
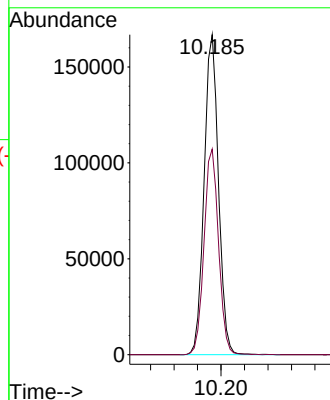
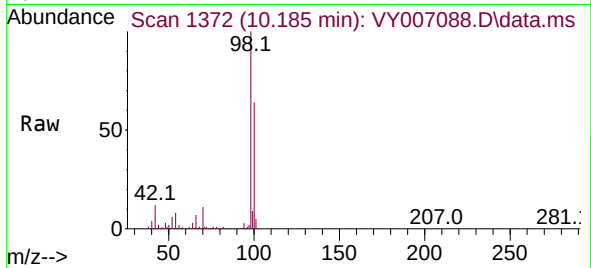




#50
Toluene-d8
Concen: 49.422 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007088.D
Acq: 08 Jan 2022 19:01

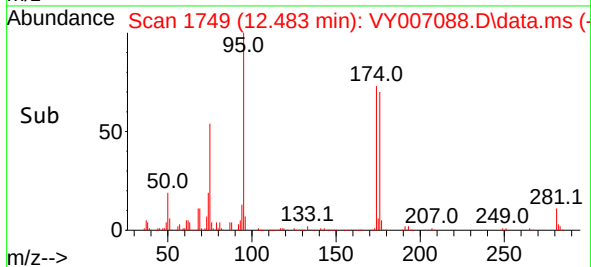
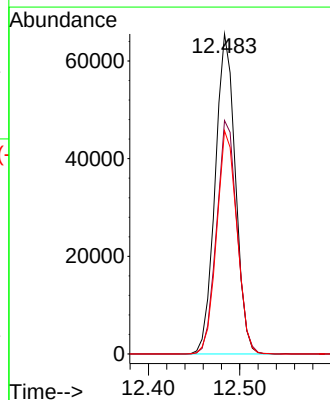
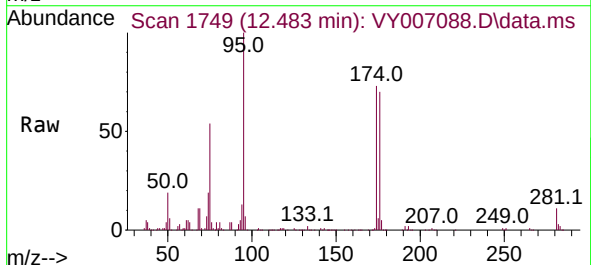
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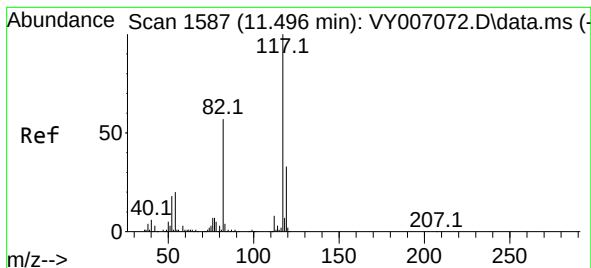
Tgt Ion: 98 Resp: 283004
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.717 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007088.D
Acq: 08 Jan 2022 19:01

Tgt Ion: 95 Resp: 100610
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.4
176 70.3 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007088.D

Acq: 08 Jan 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

FM-E1-01-4.5

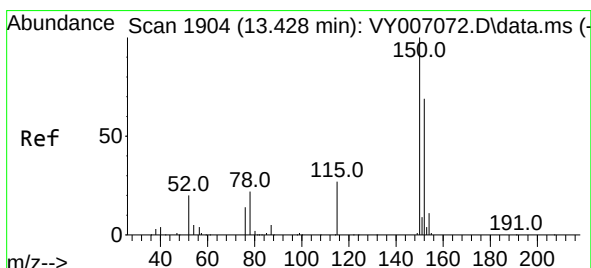
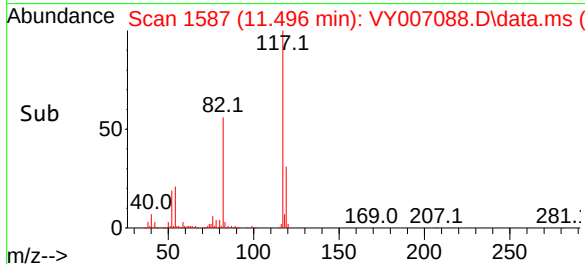
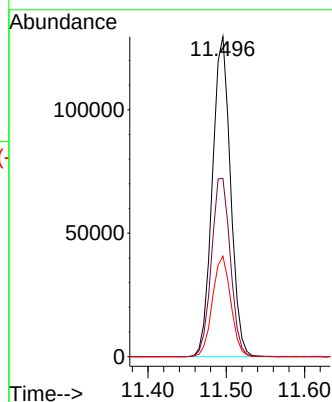
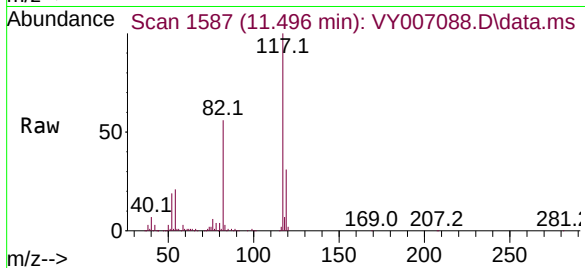
Tgt Ion:117 Resp: 208474

Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.0

119 31.4 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007088.D

Acq: 08 Jan 2022 19:01

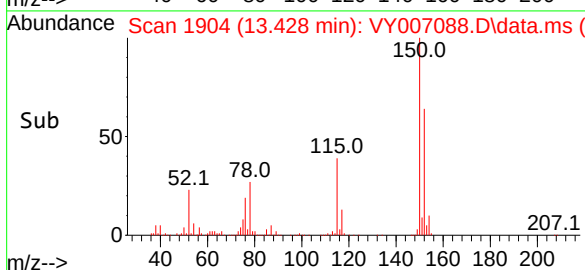
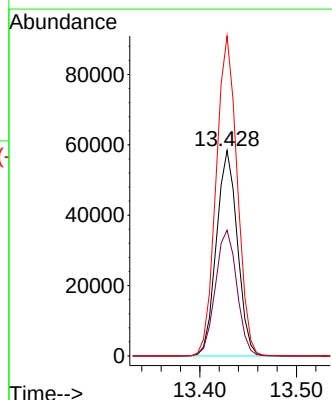
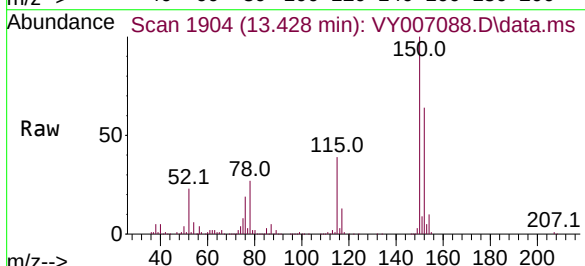
Tgt Ion:152 Resp: 87879

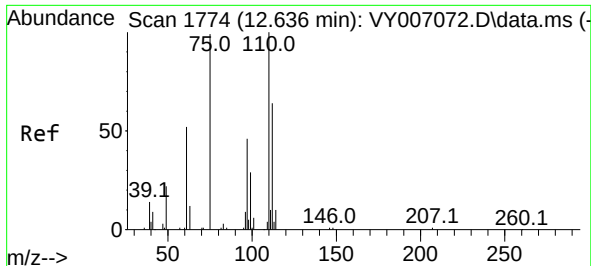
Ion Ratio Lower Upper

152 100

115 62.8 31.4 94.0

150 156.6 0.0 348.4

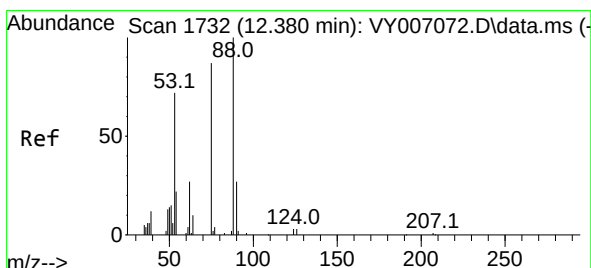
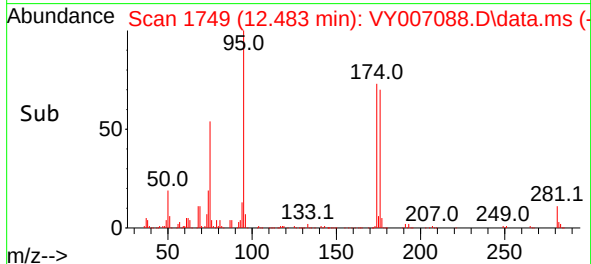
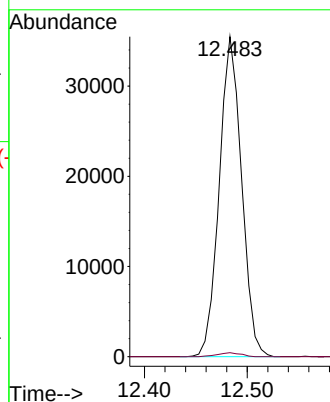
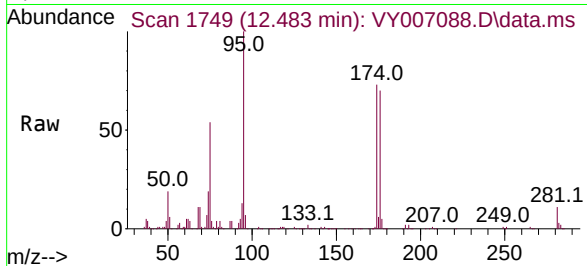




#76
1,2,3-Trichloropropane
Concen: 53.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007088.D
Acq: 08 Jan 2022 19:01

Instrument :
MSVOA_Y
ClientSampleId :
FM-E1-01-4.5

Tgt Ion: 75 Resp: 53461
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007088.D
Acq: 08 Jan 2022 19:01

Tgt Ion: 75 Resp: 53461
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 0.0 0.0#

