

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007090.D
 Acq On : 08 Jan 2022 19:46
 Operator : SY/MD
 Sample : N1065-03
 Misc : 1.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-1

Quant Time: Jan 10 03:42:54 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)

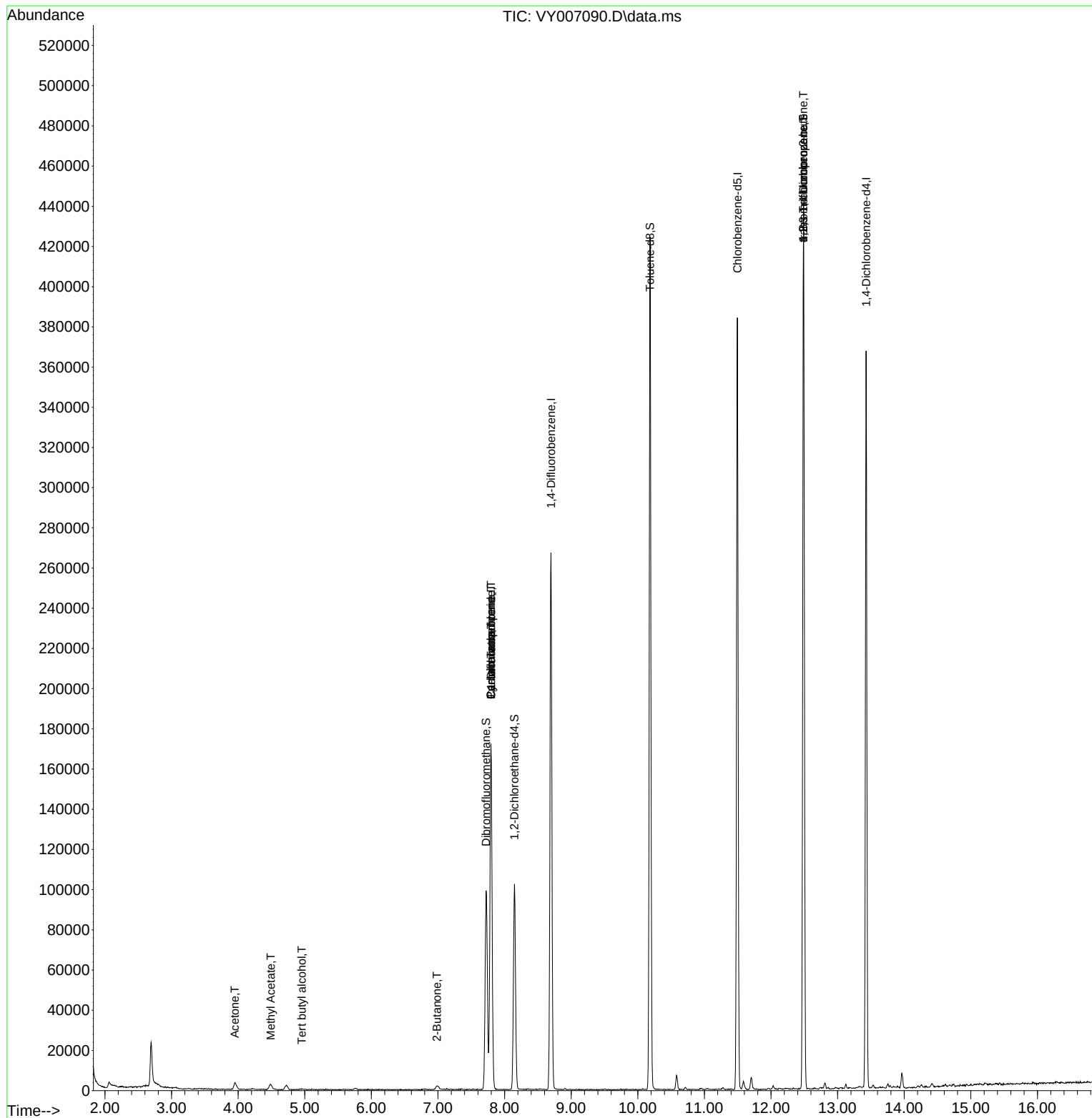
Internal Standards						
1) Pentafluorobenzene	7.795	168	125782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	224736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	203448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82008	54.499	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.000%	
35) Dibromofluoromethane	7.722	113	71662	47.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.680%	
50) Toluene-d8	10.185	98	272299	49.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.440%	
62) 4-Bromofluorobenzene	12.483	95	96682	48.454	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	388	3.234	ug/l #	73
13) Acrolein	3.735	56	31	Below Cal	#	15
16) Acetone	3.948	43	6186	21.911	ug/l	92
18) Methyl Acetate	4.491	43	5166	3.989	ug/l	97
20) Methylene Chloride	4.728	84	1569	Below Cal		96
25) 2-Butanone	6.984	43	1064	2.439	ug/l #	47
31) Cyclohexane	7.795	56	2828	1.092	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10898	4.592	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13632	5.497	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52830	53.323	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52830	100.154	ug/l #	3

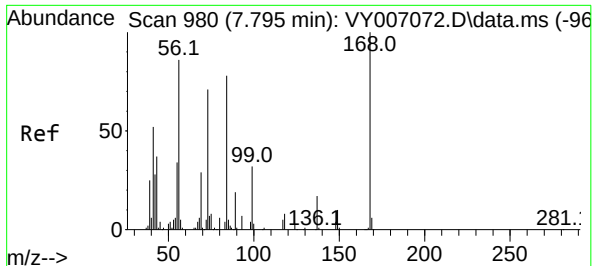
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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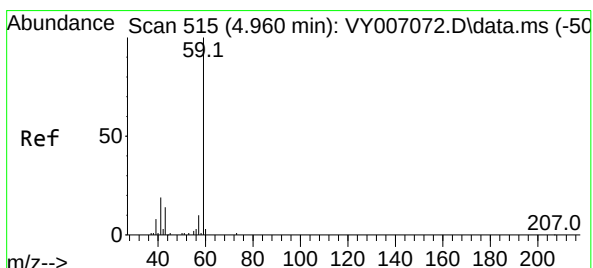
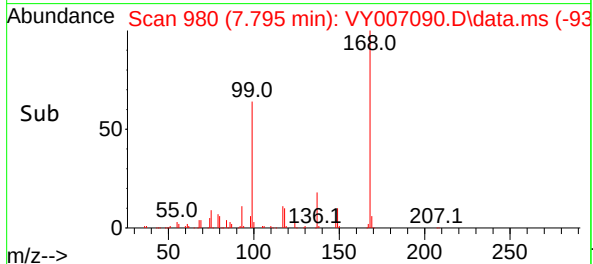
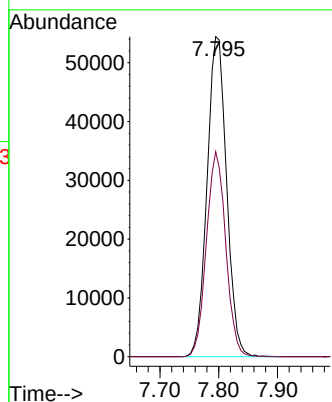
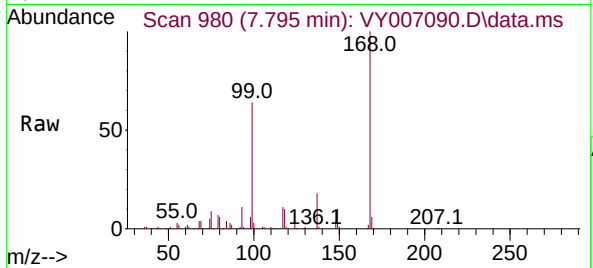




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

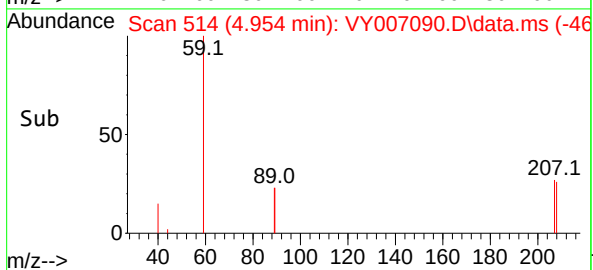
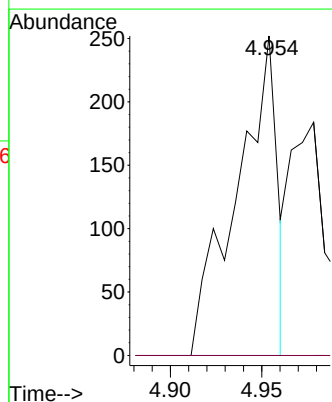
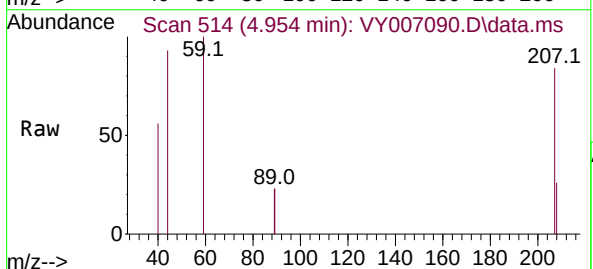
Instrument :
MSVOA_Y
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AMI-1

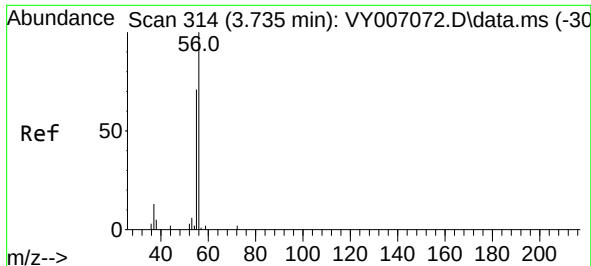
Tgt Ion:168 Resp: 125782
Ion Ratio Lower Upper
168 100
99 64.1 49.1 73.7



#11
Tert butyl alcohol
Concen: 3.234 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

Tgt Ion: 59 Resp: 388
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 3.735 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY007090.D

Acq: 08 Jan 2022 19:46

Instrument :

MSVOA_Y

ClientSampleId :

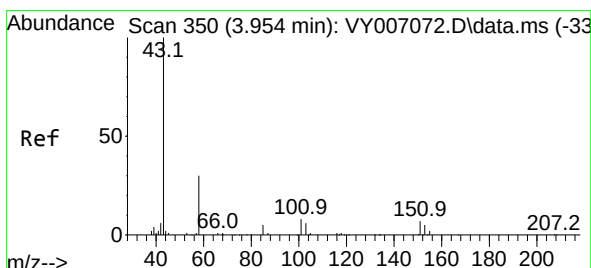
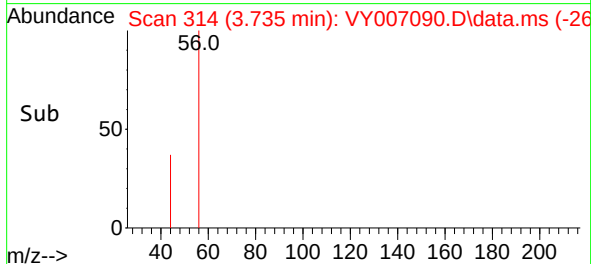
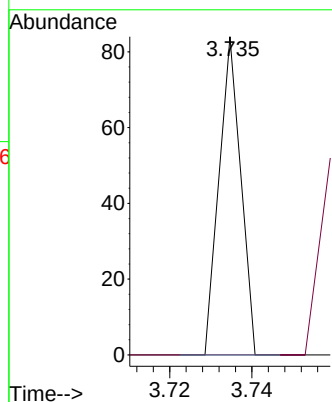
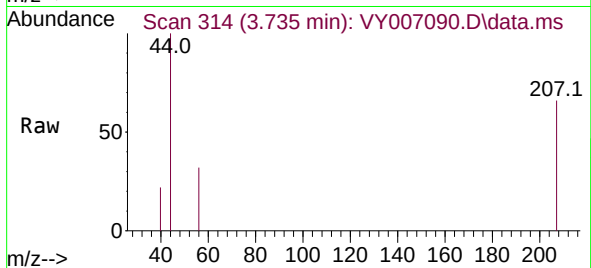
AMI-1

Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 21.911 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY007090.D

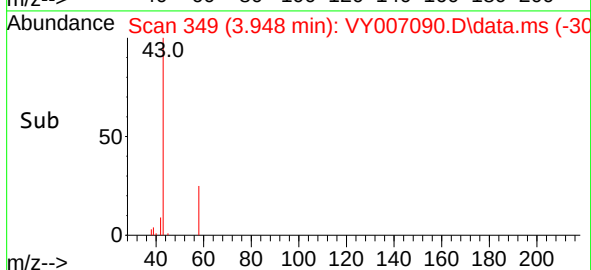
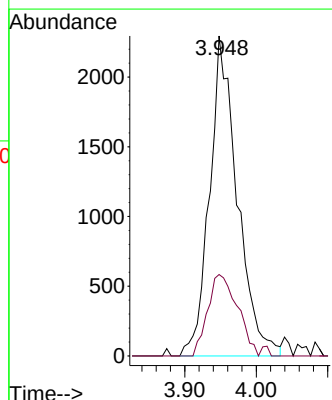
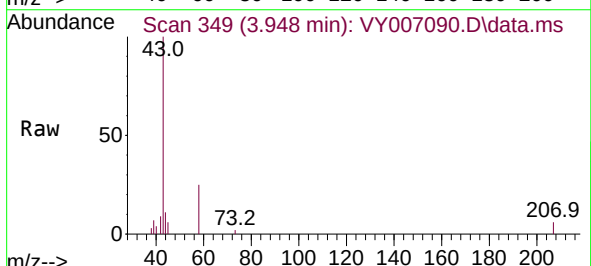
Acq: 08 Jan 2022 19:46

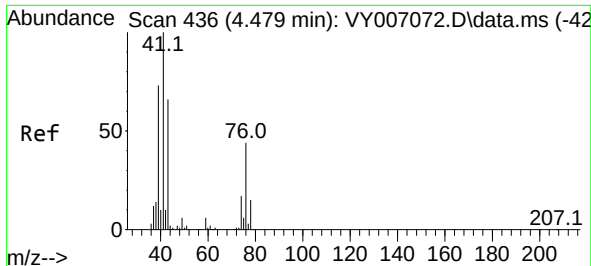
Tgt Ion: 43 Resp: 6186

Ion Ratio Lower Upper

43 100

58 25.4 23.8 35.6

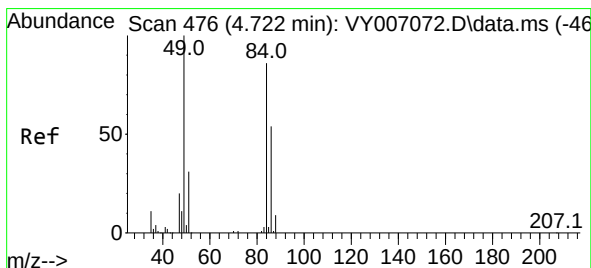
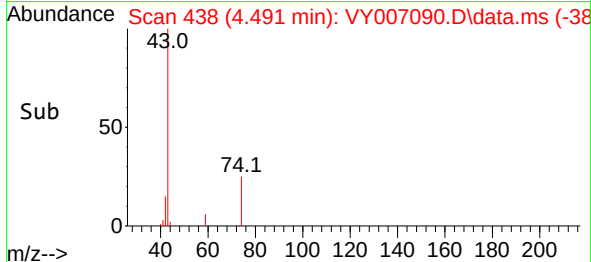
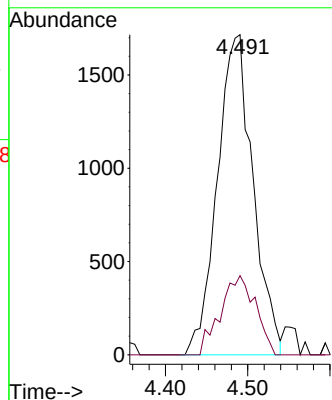
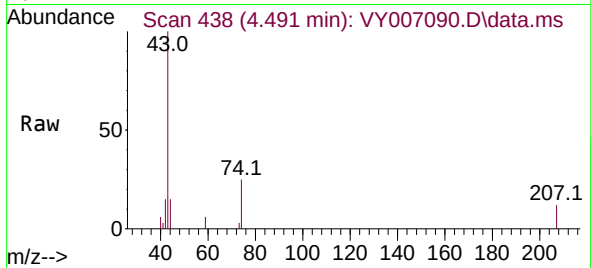




#18
Methyl Acetate
Concen: 3.989 ug/l
RT: 4.491 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

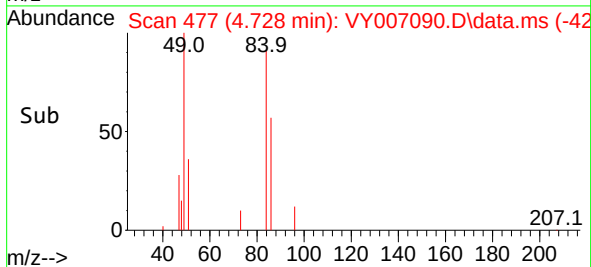
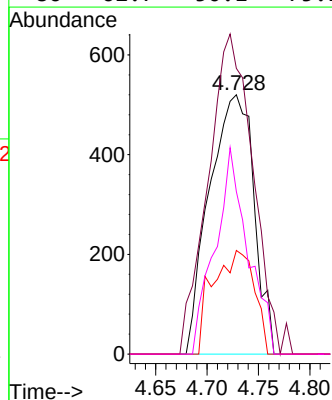
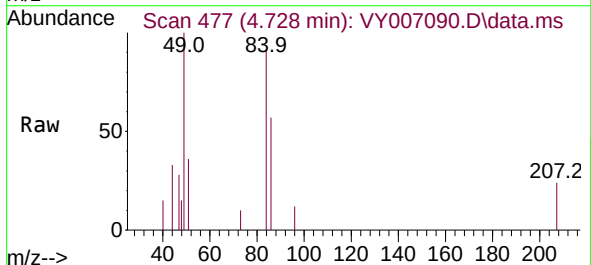
Instrument :
MSVOA_Y
ClientSampleId :
AMI-1

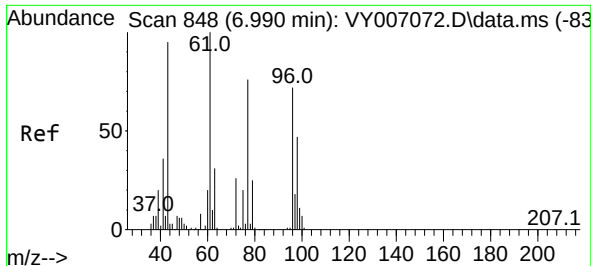
Tgt Ion: 43 Resp: 5166
Ion Ratio Lower Upper
43 100
74 24.3 20.9 31.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

Tgt Ion: 84 Resp: 1569
Ion Ratio Lower Upper
84 100
49 110.2 92.6 139.0
51 40.0 28.6 42.8
86 62.7 50.1 75.1

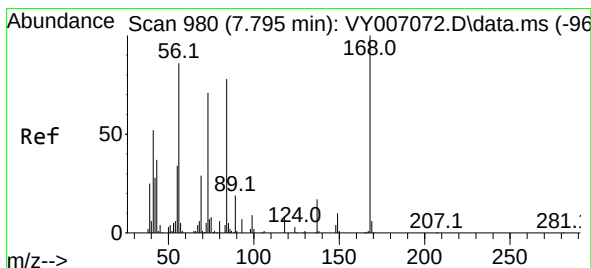
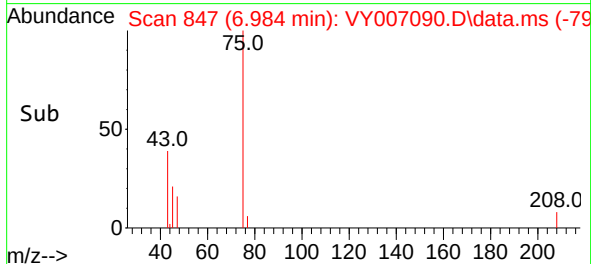
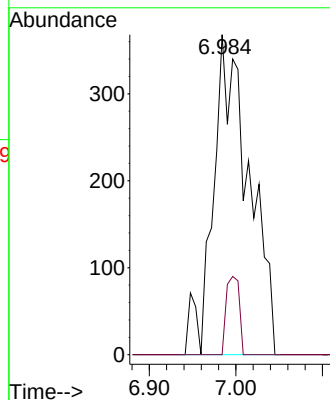
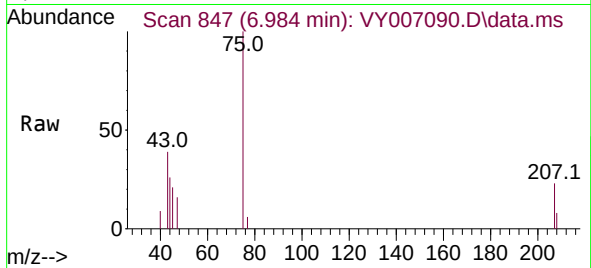




#25
2-Butanone
Concen: 2.439 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

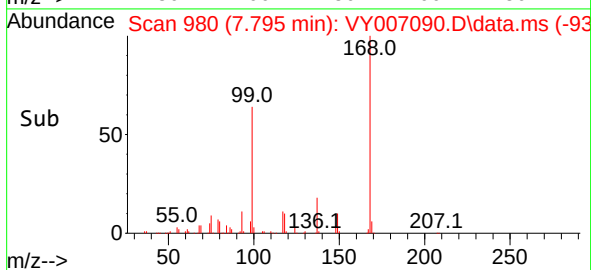
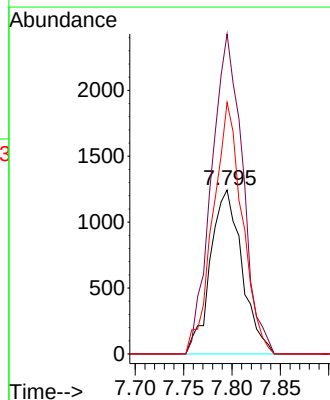
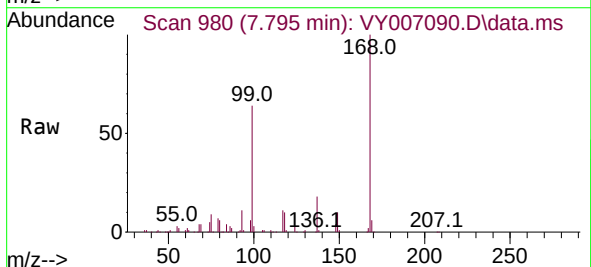
Instrument :
MSVOA_Y
ClientSampleId :
AMI-1

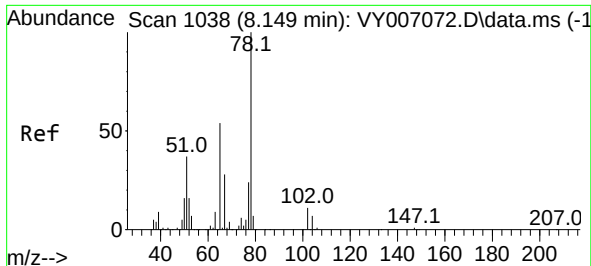
Tgt Ion: 43 Resp: 1064
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

Tgt Ion: 56 Resp: 2828
Ion Ratio Lower Upper
56 100
69 195.2 27.2 40.8#
84 160.9 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 54.499 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY007090.D

Acq: 08 Jan 2022 19:46

Instrument :

MSVOA_Y

ClientSampleId :

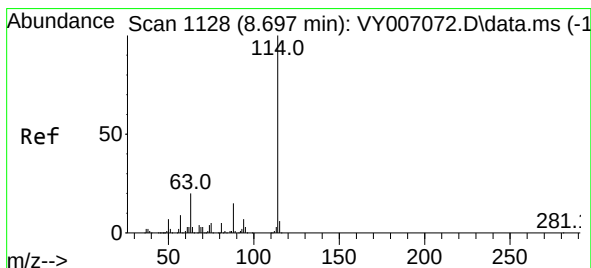
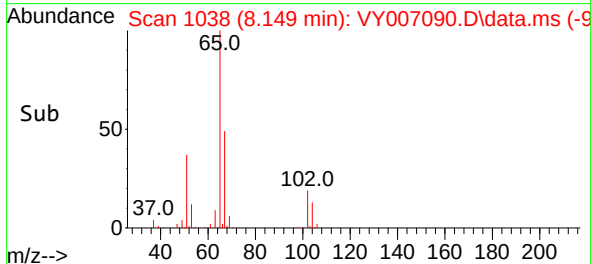
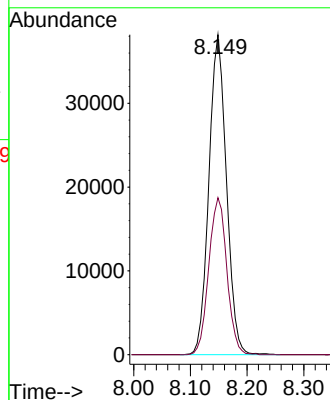
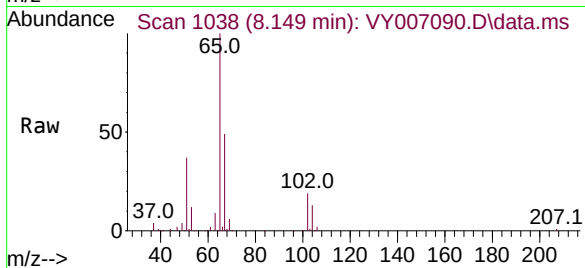
AMI-1

Tgt Ion: 65 Resp: 82008

Ion Ratio Lower Upper

65 100

67 50.6 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: VY007090.D

Acq: 08 Jan 2022 19:46

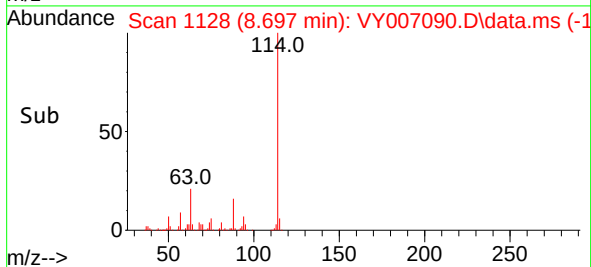
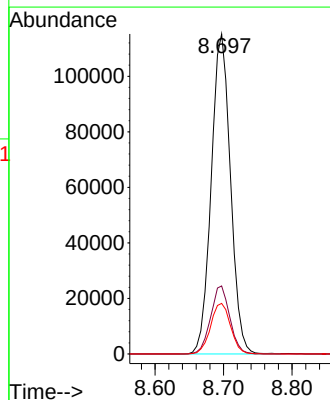
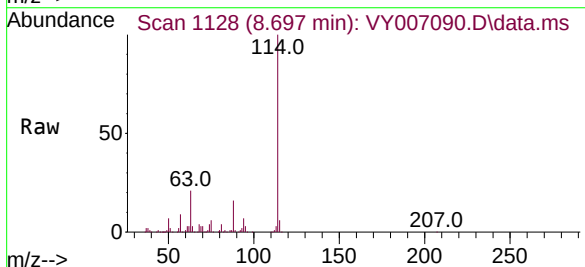
Tgt Ion: 114 Resp: 224736

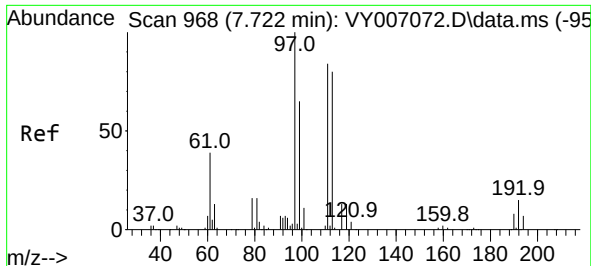
Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.2

88 15.8 0.0 31.0

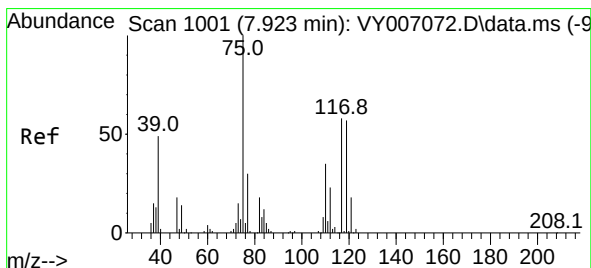
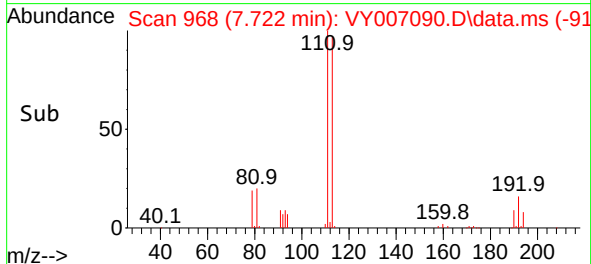
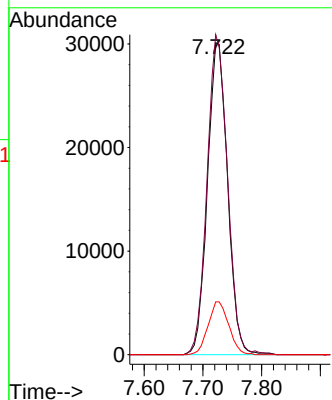
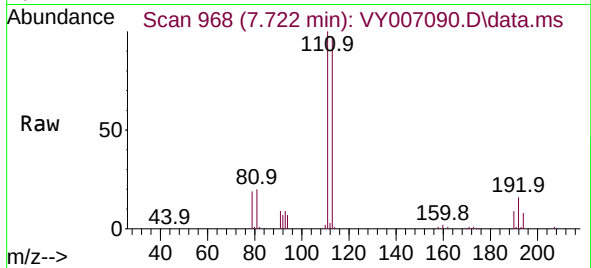




#35
Dibromofluoromethane
Concen: 47.844 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

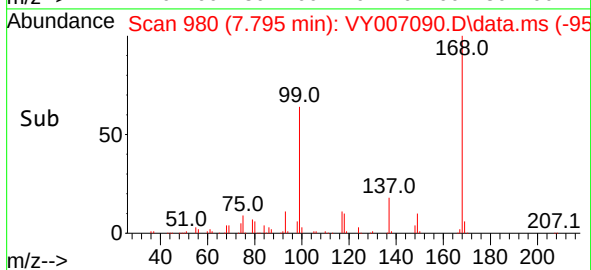
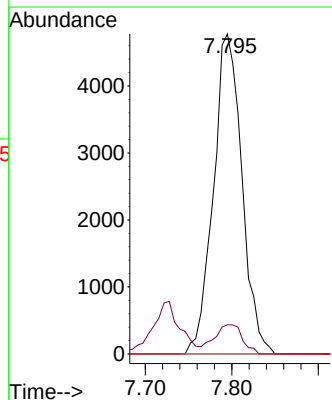
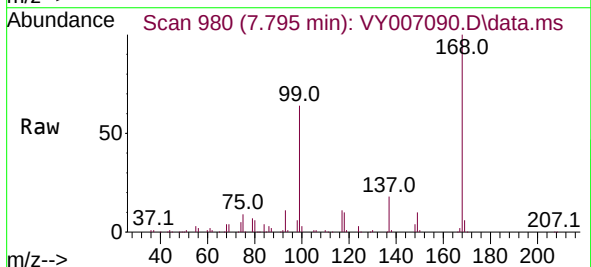
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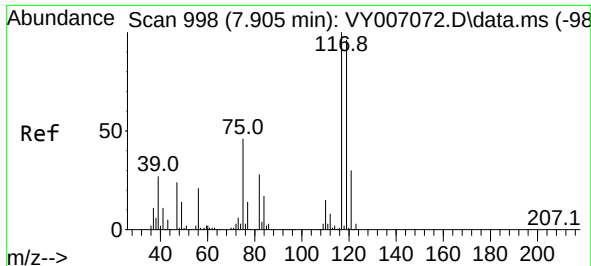
Tgt Ion:113 Resp: 71662
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.592 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

Tgt Ion: 75 Resp: 10898
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.9#
77 0.0 24.7 37.1#

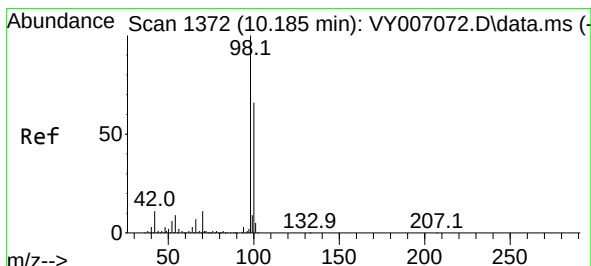
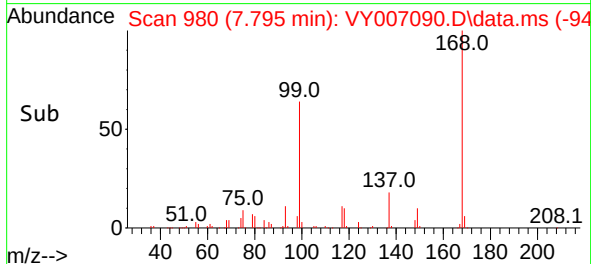
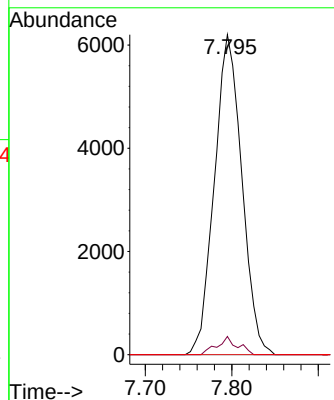
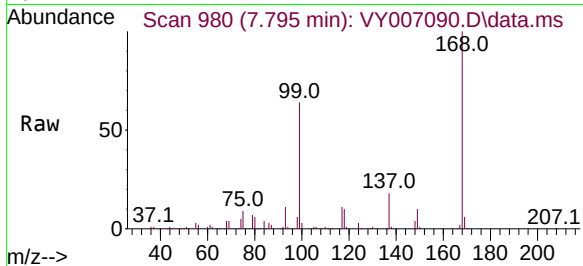




#38
Carbon Tetrachloride
Concen: 5.497 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

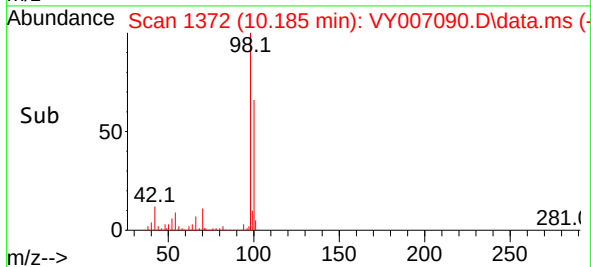
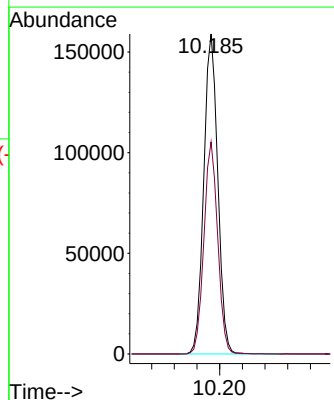
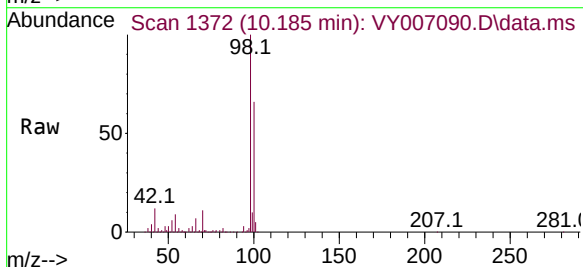
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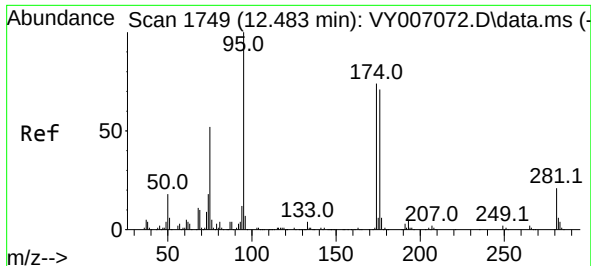
Tgt Ion:117 Resp: 13632
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.217 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

Tgt Ion: 98 Resp: 272299
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

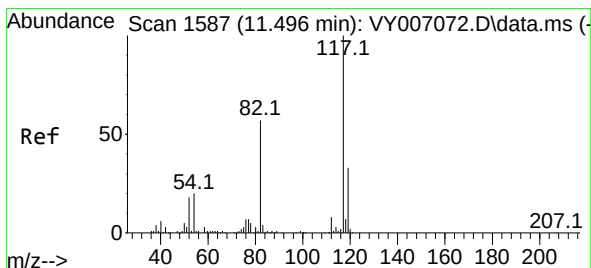
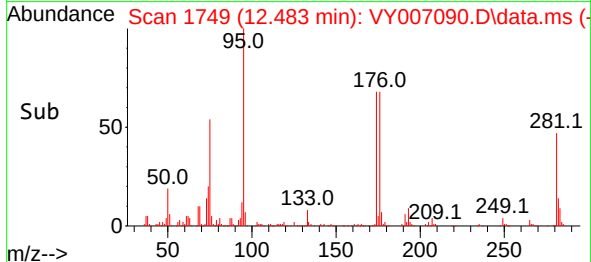
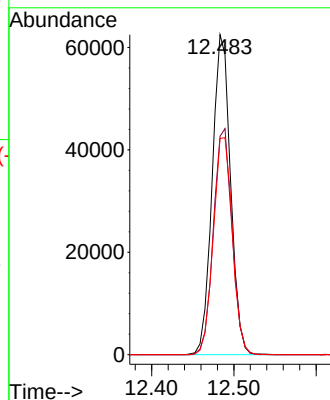
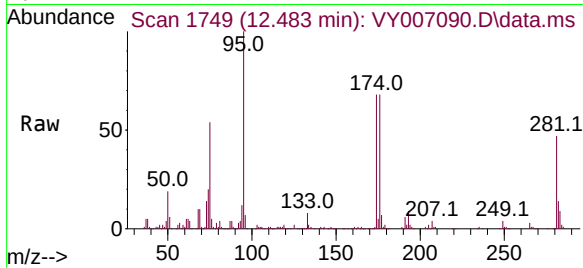




#62
4-Bromofluorobenzene
Concen: 48.454 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

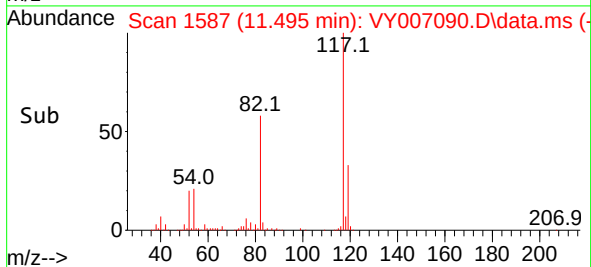
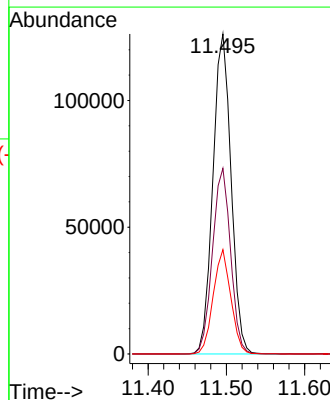
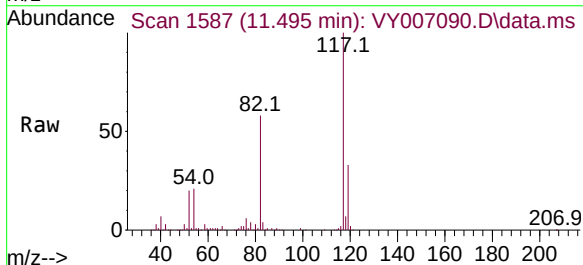
Instrument :
MSVOA_Y
ClientSampleId :
AMI-1

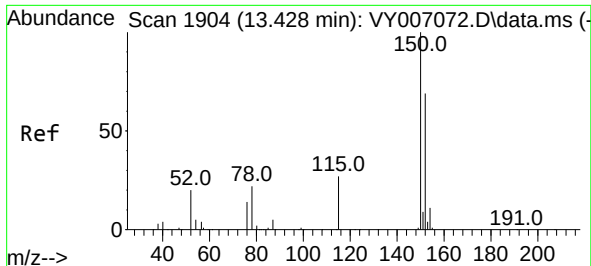
Tgt Ion: 95 Resp: 96682
Ion Ratio Lower Upper
95 100
174 71.9 0.0 148.4
176 70.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007090.D
Acq: 08 Jan 2022 19:46

Tgt Ion: 117 Resp: 203448
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.0
119 32.6 26.4 39.6

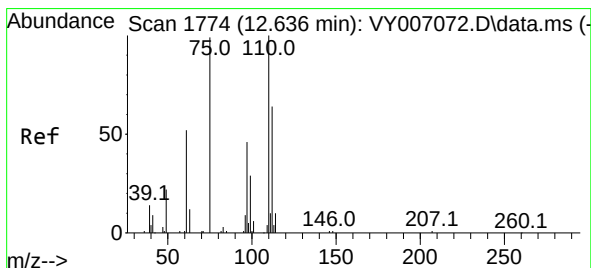
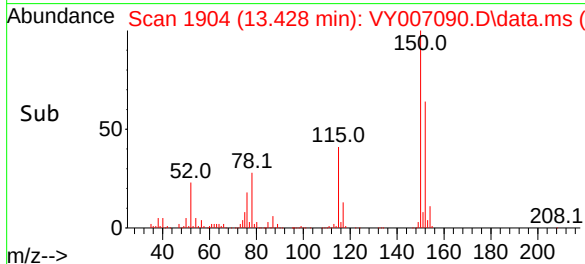
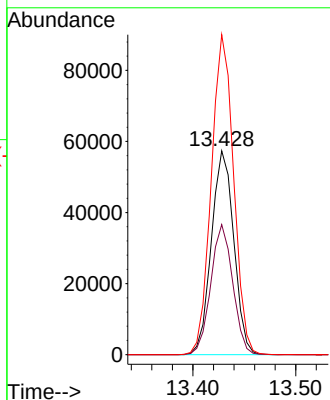
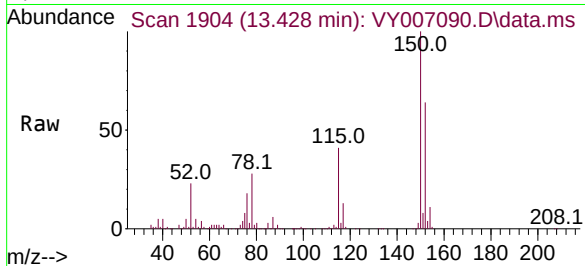




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007090.D
 Acq: 08 Jan 2022 19:46

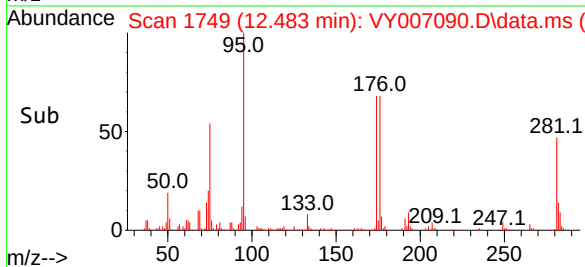
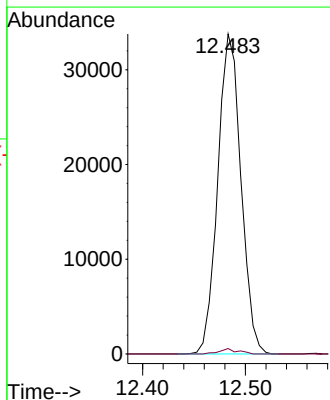
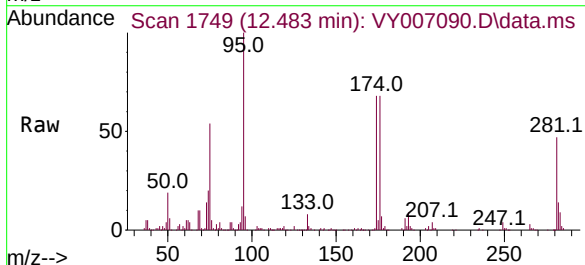
Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-1

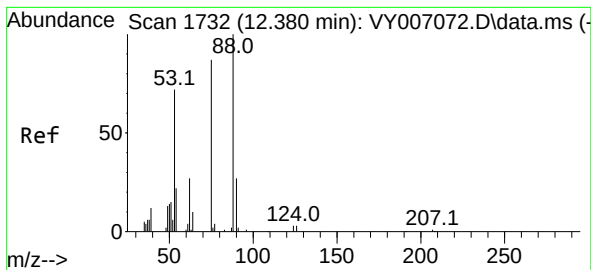
Tgt Ion:152 Resp: 86810
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.4 94.0
 150 156.2 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 53.323 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007090.D
 Acq: 08 Jan 2022 19:46

Tgt Ion: 75 Resp: 52830
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.154 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007090.D
 Acq: 08 Jan 2022 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-1

Tgt Ion: 75 Resp: 52830
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 1.5 0.0 0.0#

