

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007092.D
 Acq On : 08 Jan 2022 20:43
 Operator : SY/MD
 Sample : N1065-12
 Misc : 6.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-3

Quant Time: Jan 10 03:43:25 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	26360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	47002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	40963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	17213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	17485	55.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.900%
35) Dibromofluoromethane	7.722	113	15547	49.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.260%
50) Toluene-d8	10.185	98	55268	47.764	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.489	95	20197	48.398	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.800%

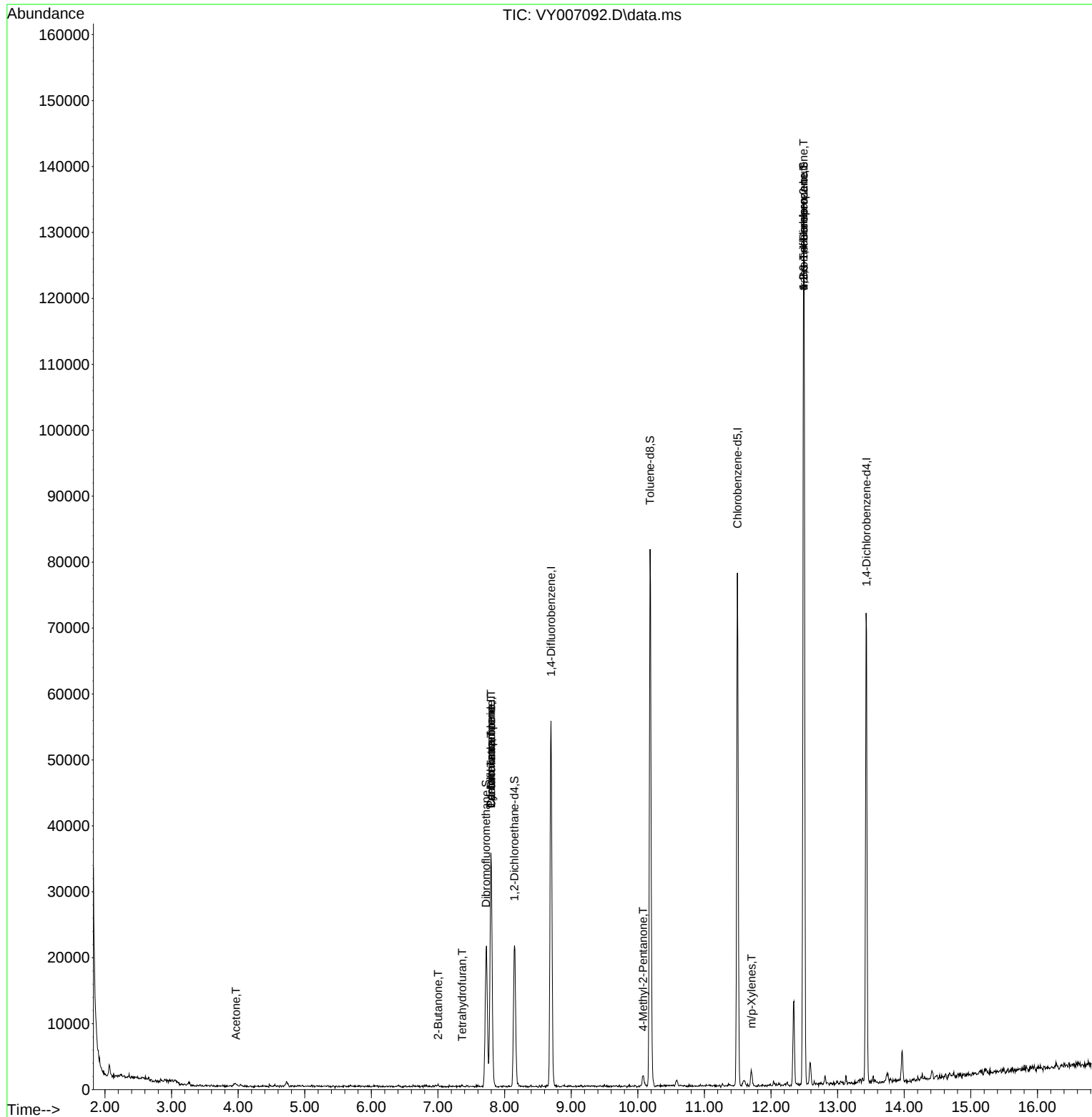
Target Compounds					Qvalue	
16) Acetone	3.966	43	1096	18.524	ug/l	# 77
20) Methylene Chloride	4.735	84	443	Below Cal		# 69
25) 2-Butanone	7.002	43	199	2.177	ug/l	# 47
29) Tetrahydrofuran	7.362	42	114	1.741	ug/l	# 32
31) Cyclohexane	7.795	56	646	1.190	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	2108	4.247	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	2805	5.408	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.081	43	1379	5.939	ug/l	100
68) m/p-Xylenes	11.709	106	737	1.190	ug/l	95
76) 1,2,3-Trichloropropane	12.489	75	11168	56.849	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	11168	106.777	ug/l	# 3

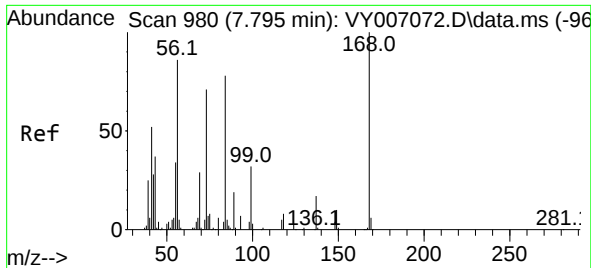
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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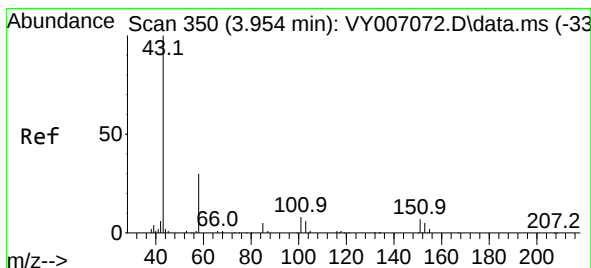
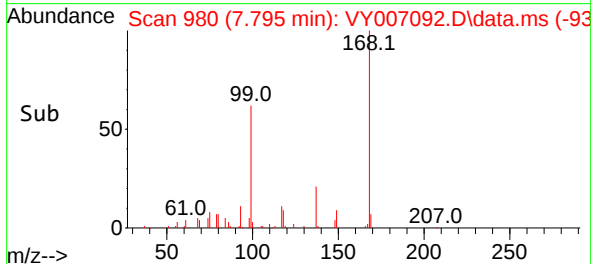
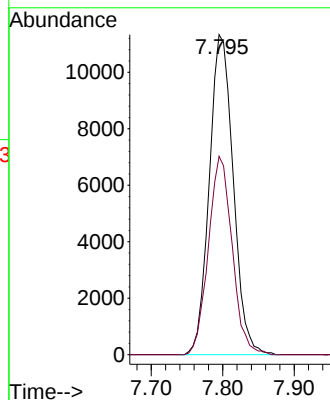
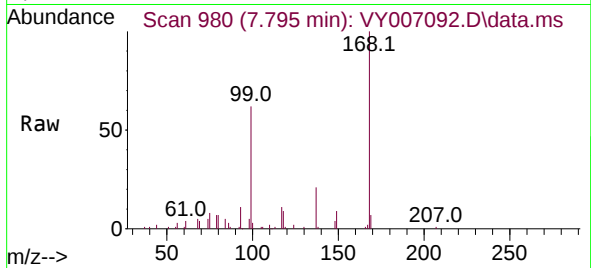




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

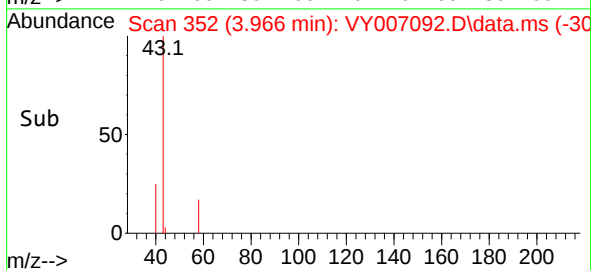
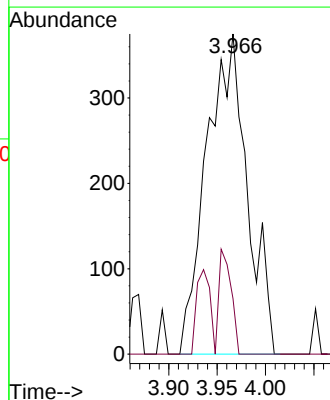
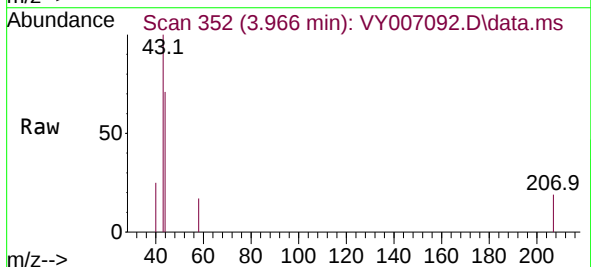
Instrument :
MSVOA_Y
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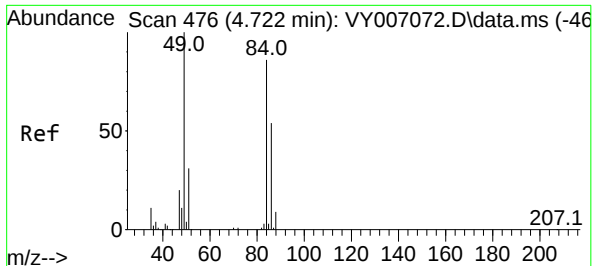
Tgt Ion:168 Resp: 26360
Ion Ratio Lower Upper
168 100
99 62.0 49.1 73.7



#16
Acetone
Concen: 18.524 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
58 17.3 23.8 35.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.735 min Scan# 41

Delta R.T. 0.013 min

Lab File: VY007092.D

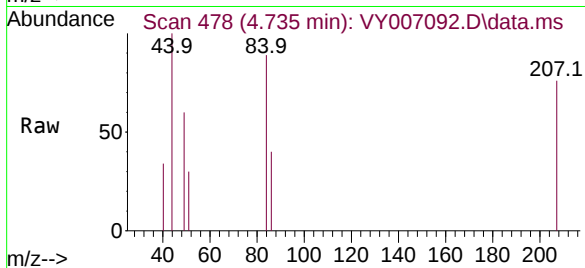
Acq: 08 Jan 2022 20:43

Instrument :

MSVOA_Y

ClientSampleId :

AMI-3



Tgt Ion: 84 Resp: 443

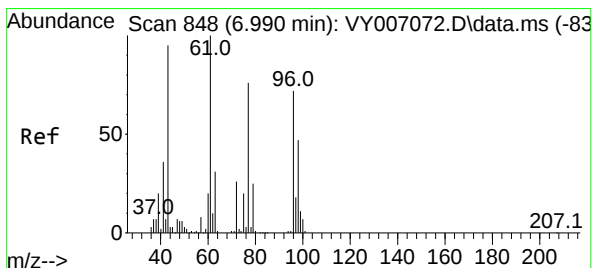
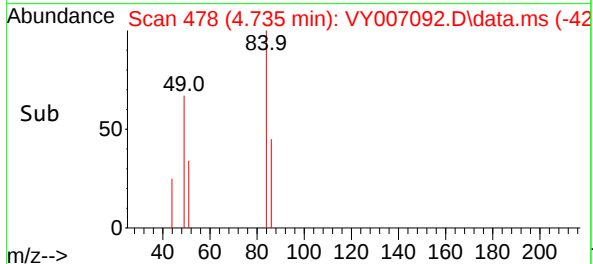
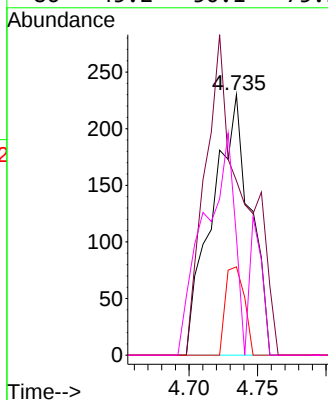
Ion Ratio Lower Upper

84 100

49 67.0 92.6 139.0#

51 33.9 28.6 42.8

86 45.2 50.1 75.1#



#25

2-Butanone

Concen: 2.177 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY007092.D

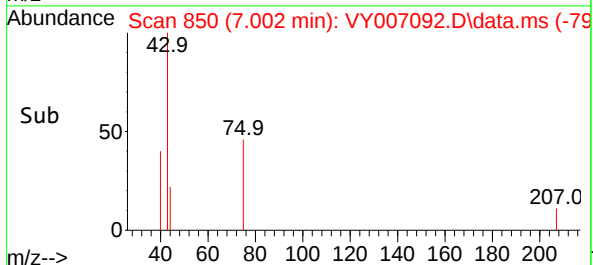
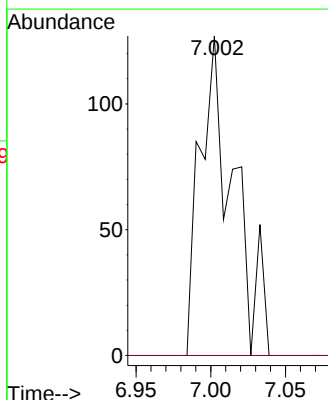
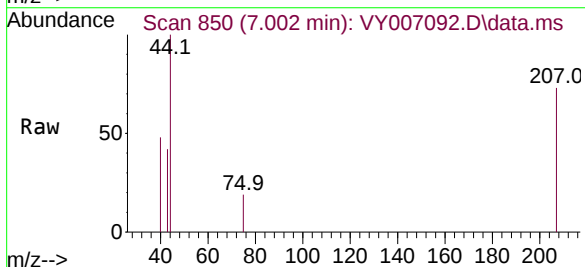
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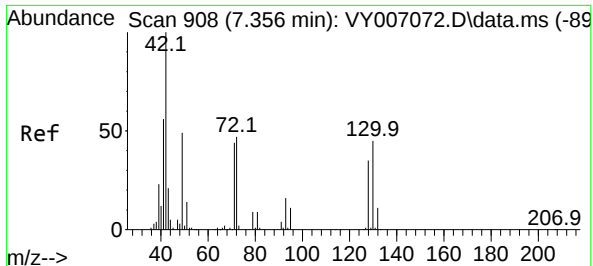
Tgt Ion: 43 Resp: 199

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#





#29

Tetrahydrofuran

Concen: 1.741 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY007092.D

Acq: 08 Jan 2022 20:43

Instrument :

MSVOA_Y

ClientSampleId :

AMI-3

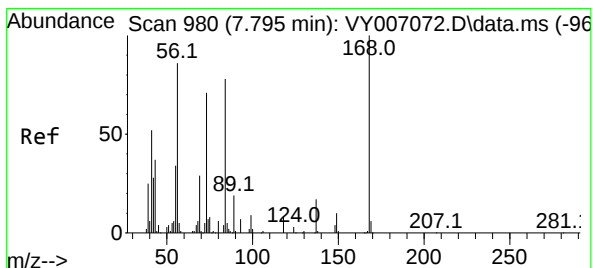
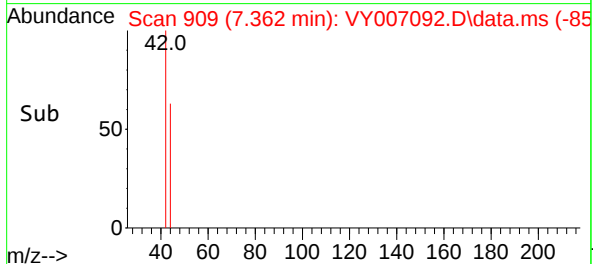
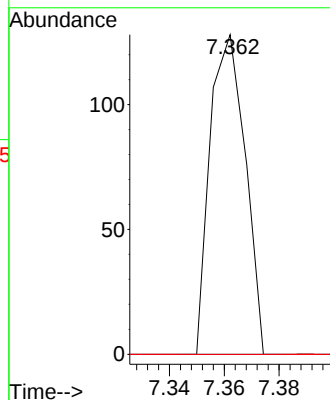
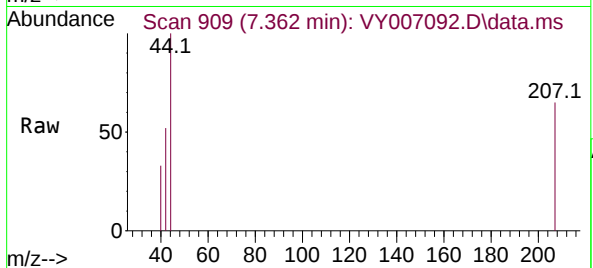
Tgt Ion: 42 Resp: 114

Ion Ratio Lower Upper

42 100

72 0.0 36.6 54.8#

71 0.0 34.1 51.1#



#31

Cyclohexane

Concen: 1.190 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY007092.D

Acq: 08 Jan 2022 20:43

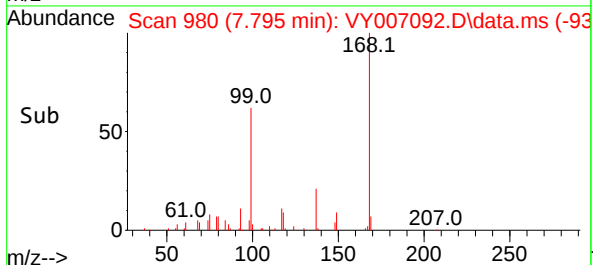
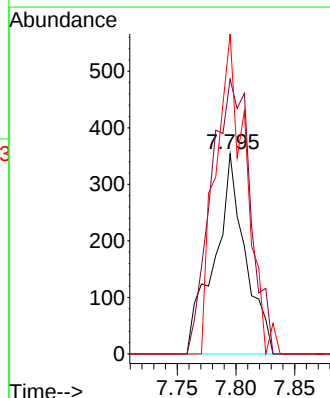
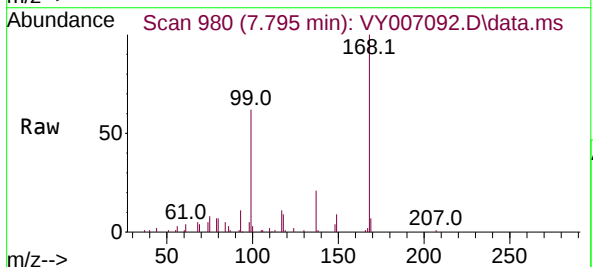
Tgt Ion: 56 Resp: 646

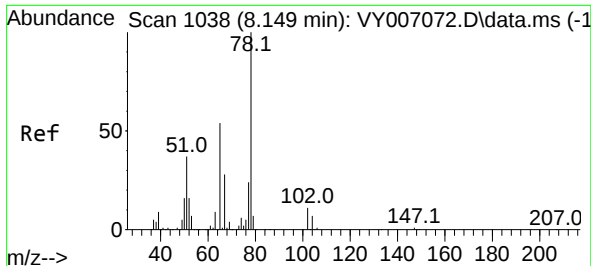
Ion Ratio Lower Upper

56 100

69 137.3 27.2 40.8#

84 159.9 72.1 108.1#

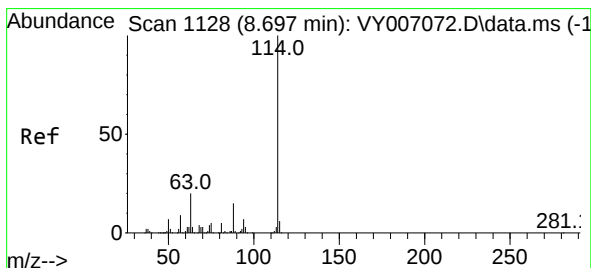
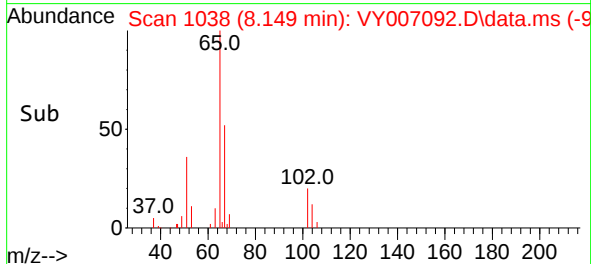
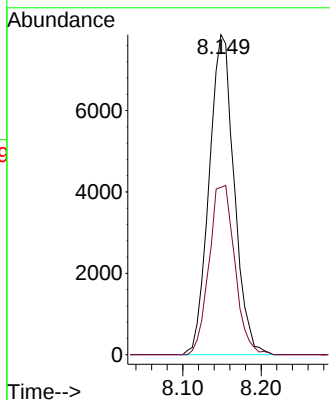
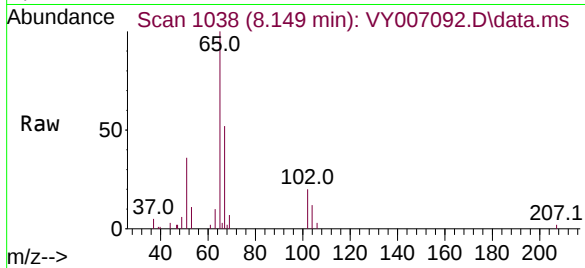




#33
 1,2-Dichloroethane-d4
 Concen: 55.446 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY007092.D
 Acq: 08 Jan 2022 20:43

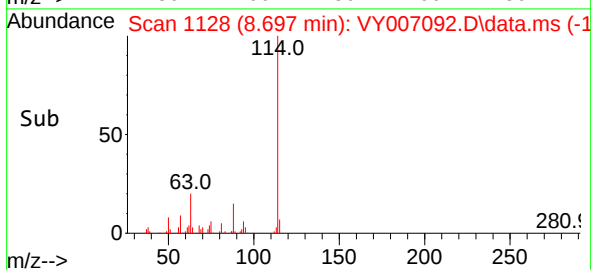
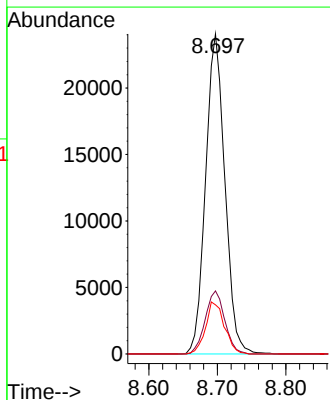
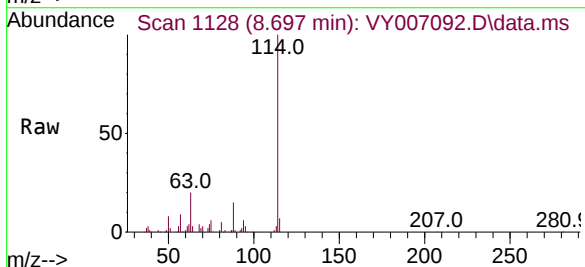
Instrument :
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 ClientSampleId :
 AMI-3

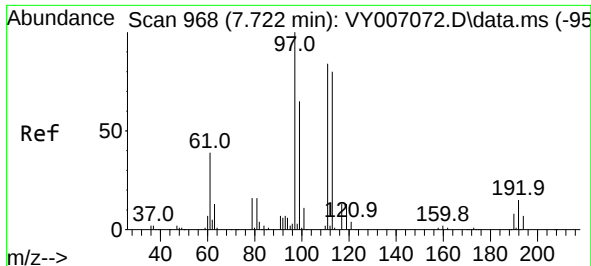
Tgt Ion: 65 Resp: 17485
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY007092.D
 Acq: 08 Jan 2022 20:43

Tgt Ion: 114 Resp: 47002
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.4 0.0 31.0

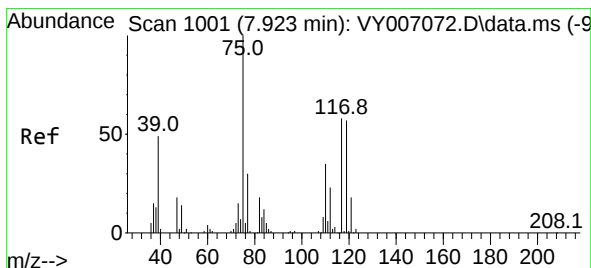
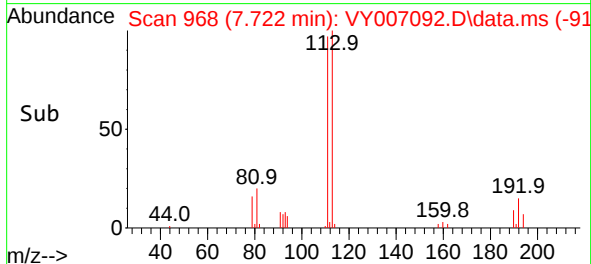
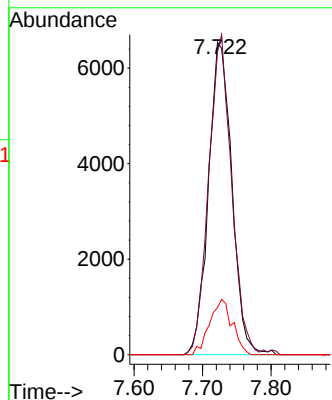
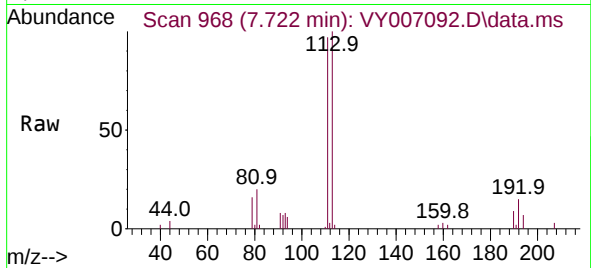




#35
Dibromofluoromethane
Concen: 49.630 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

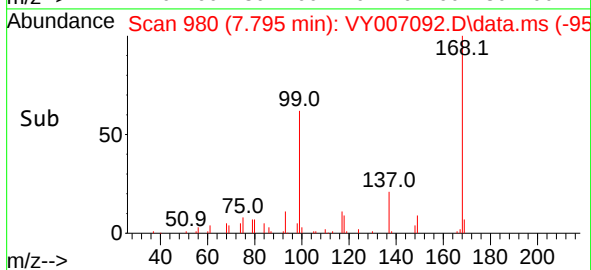
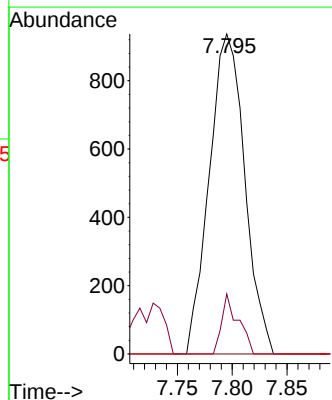
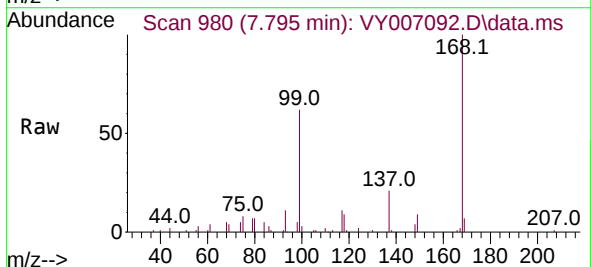
Instrument :
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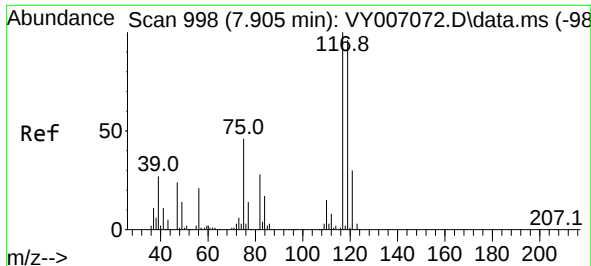
Tgt Ion:113 Resp: 15547
Ion Ratio Lower Upper
113 100
111 99.7 82.2 123.4
192 17.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.247 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Tgt Ion: 75 Resp: 2108
Ion Ratio Lower Upper
75 100
110 8.7 17.3 51.9#
77 0.0 24.7 37.1#

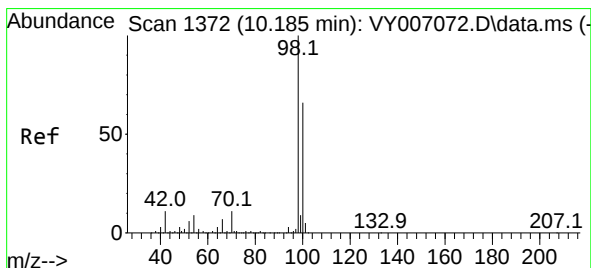
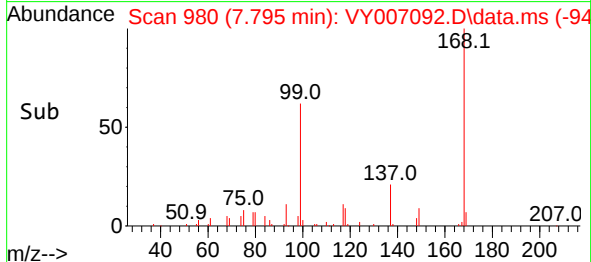
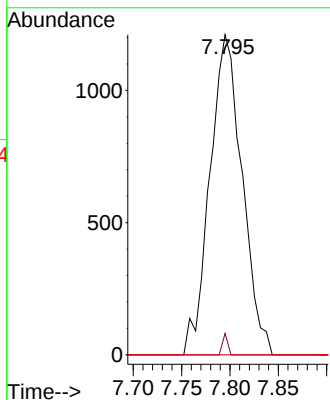
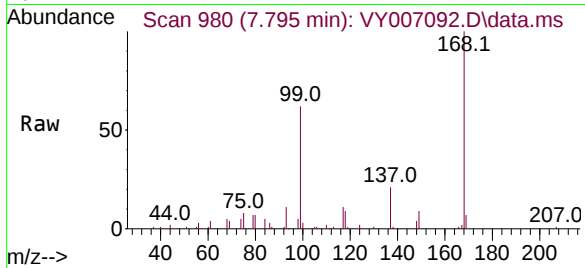




#38
Carbon Tetrachloride
Concen: 5.408 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

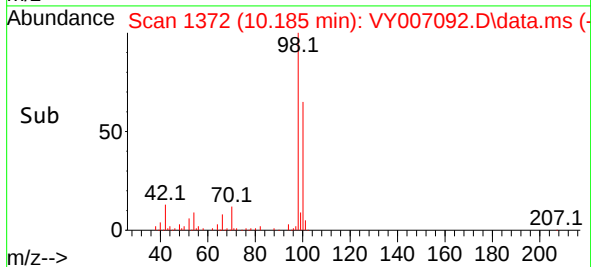
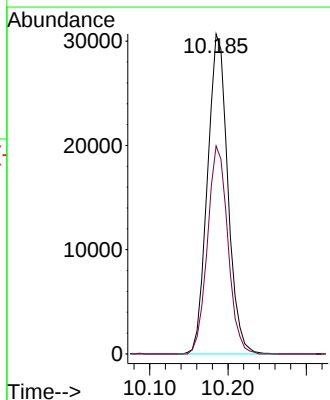
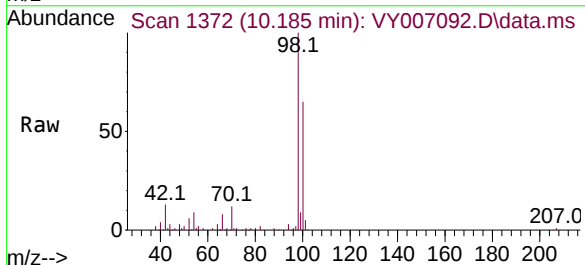
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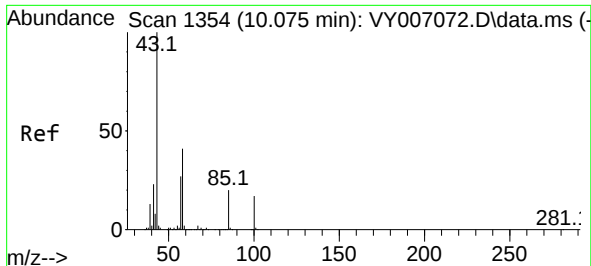
Tgt Ion:117 Resp: 2805
Ion Ratio Lower Upper
117 100
119 6.7 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.764 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Tgt Ion: 98 Resp: 55268
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

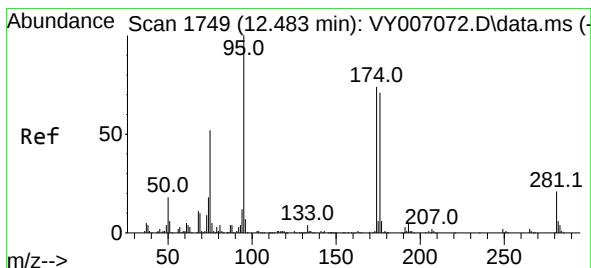
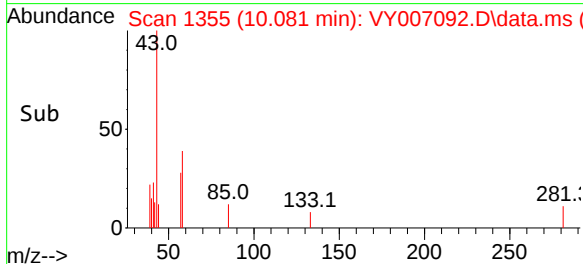
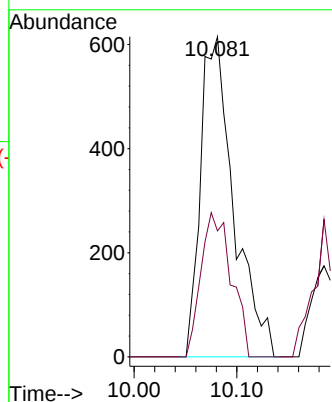
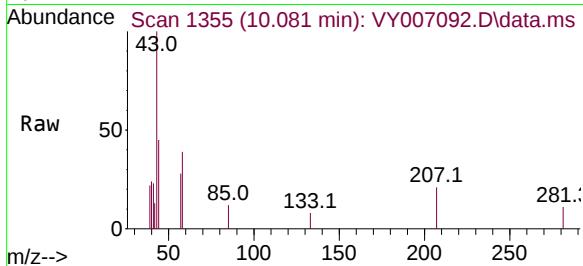




#51
4-Methyl-2-Pentanone
Concen: 5.939 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

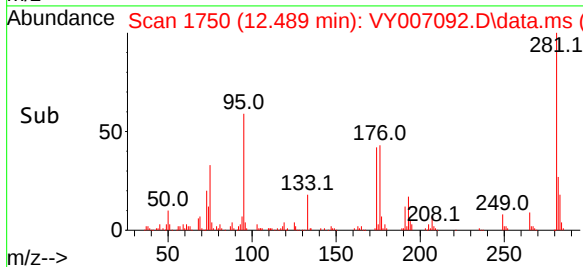
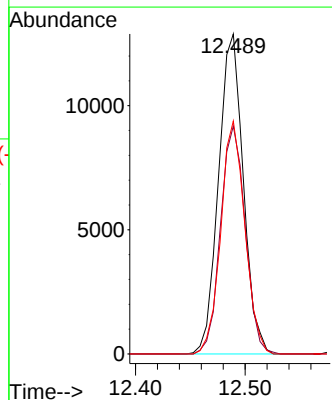
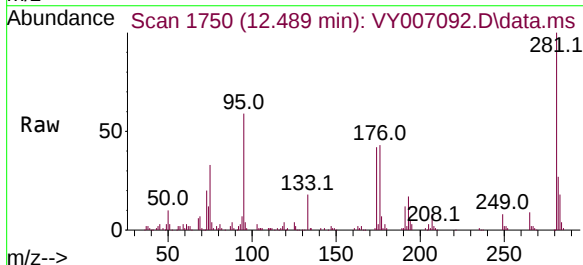
Instrument :
MSVOA_Y
ClientSampleId :
AMI-3

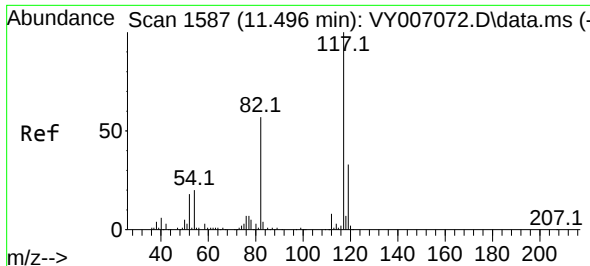
Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 41.3 32.8 49.2



#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Tgt Ion: 95 Resp: 20197
Ion Ratio Lower Upper
95 100
174 71.0 0.0 148.4
176 70.8 0.0 146.6

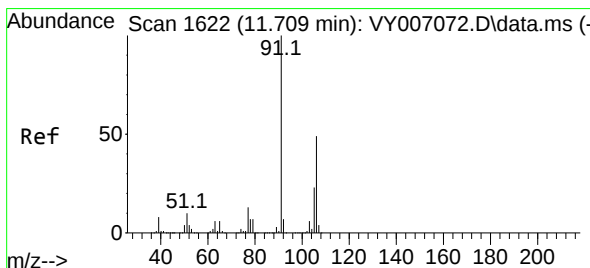
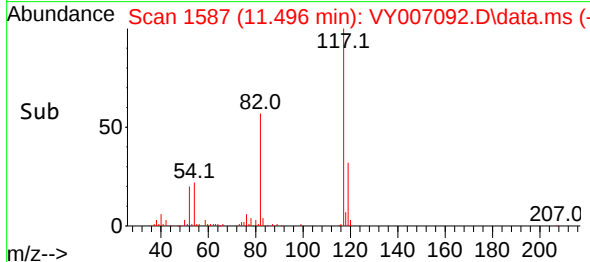
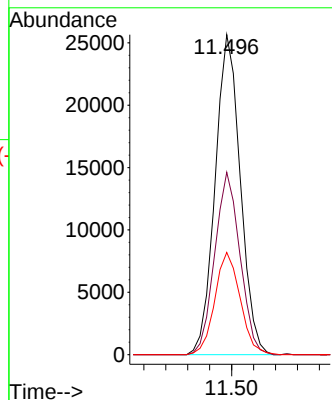
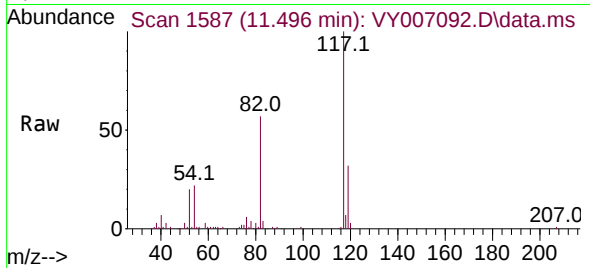




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

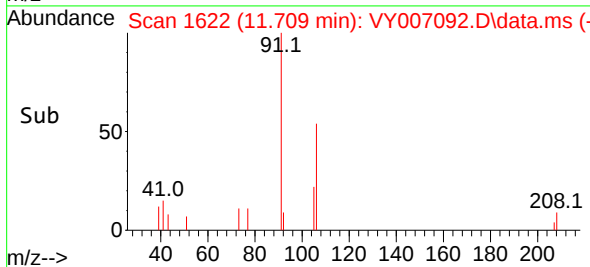
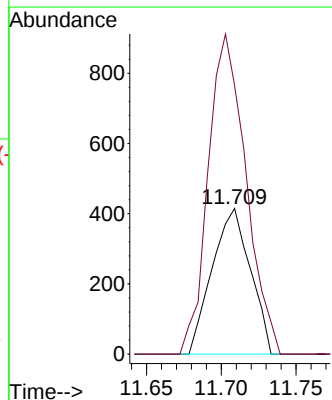
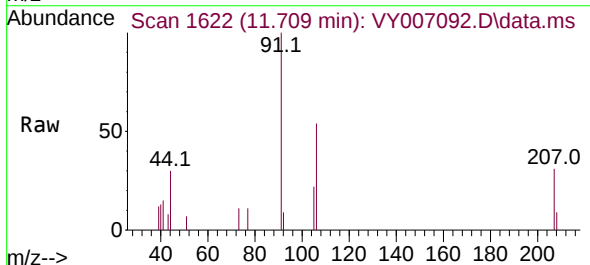
Instrument :
MSVOA_Y
ClientSampleId :
AMI-3

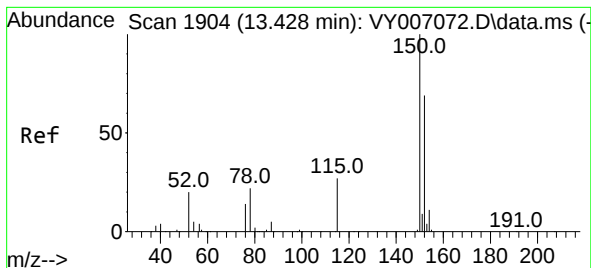
Tgt Ion:	117	Resp:	40963
Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.4	68.0
119	31.9	26.4	39.6



#68
m/p-Xylenes
Concen: 1.190 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY007092.D
Acq: 08 Jan 2022 20:43

Tgt Ion:	106	Resp:	737
Ion	Ratio	Lower	Upper
106	100		
91	217.2	167.1	250.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007092.D

Acq: 08 Jan 2022 20:43

Instrument :

MSVOA_Y

ClientSampleId :

AMI-3

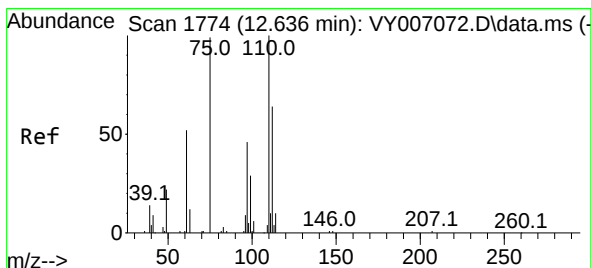
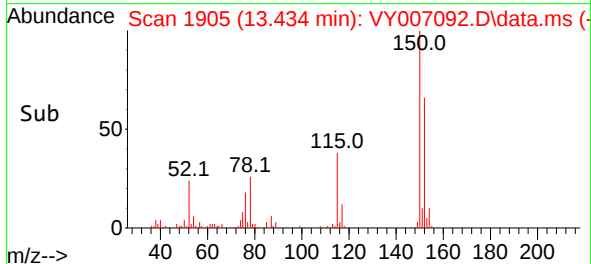
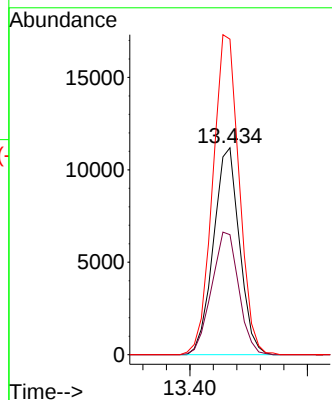
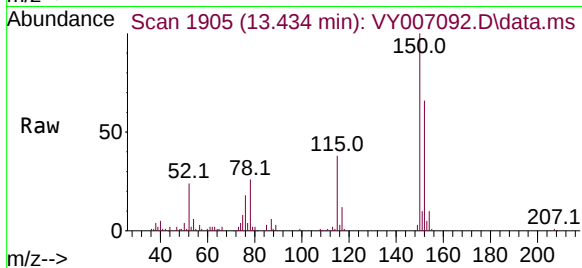
Tgt Ion:152 Resp: 17213

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.0

150 157.1 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 56.849 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY007092.D

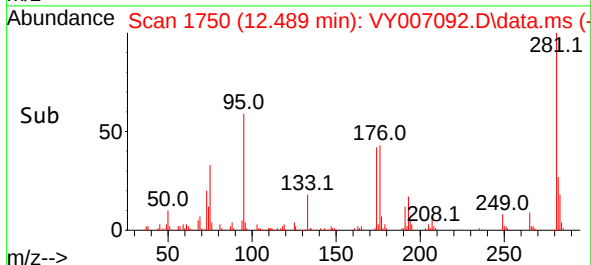
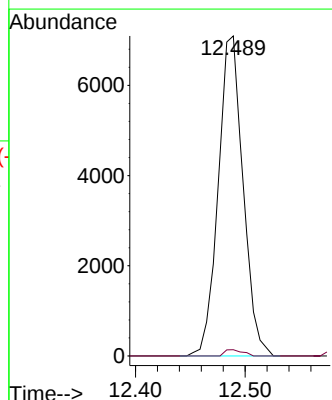
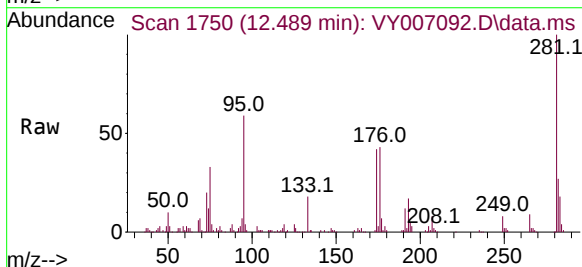
Acq: 08 Jan 2022 20:43

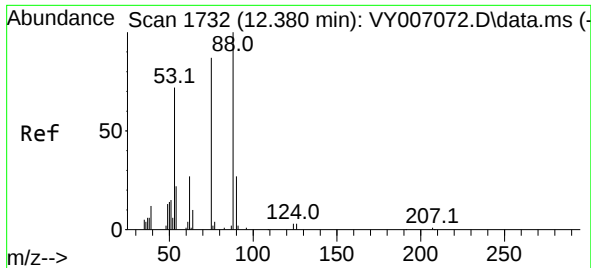
Tgt Ion: 75 Resp: 11168

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.777 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY007092.D
 Acq: 08 Jan 2022 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-3

Tgt Ion: 75 Resp: 11168
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 3.4 0.0 0.0#

