

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008315.D
 Acq On : 13 Apr 2022 16:13
 Operator : KP/MD
 Sample : N2367-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-041122

Quant Time: Apr 14 05:57:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

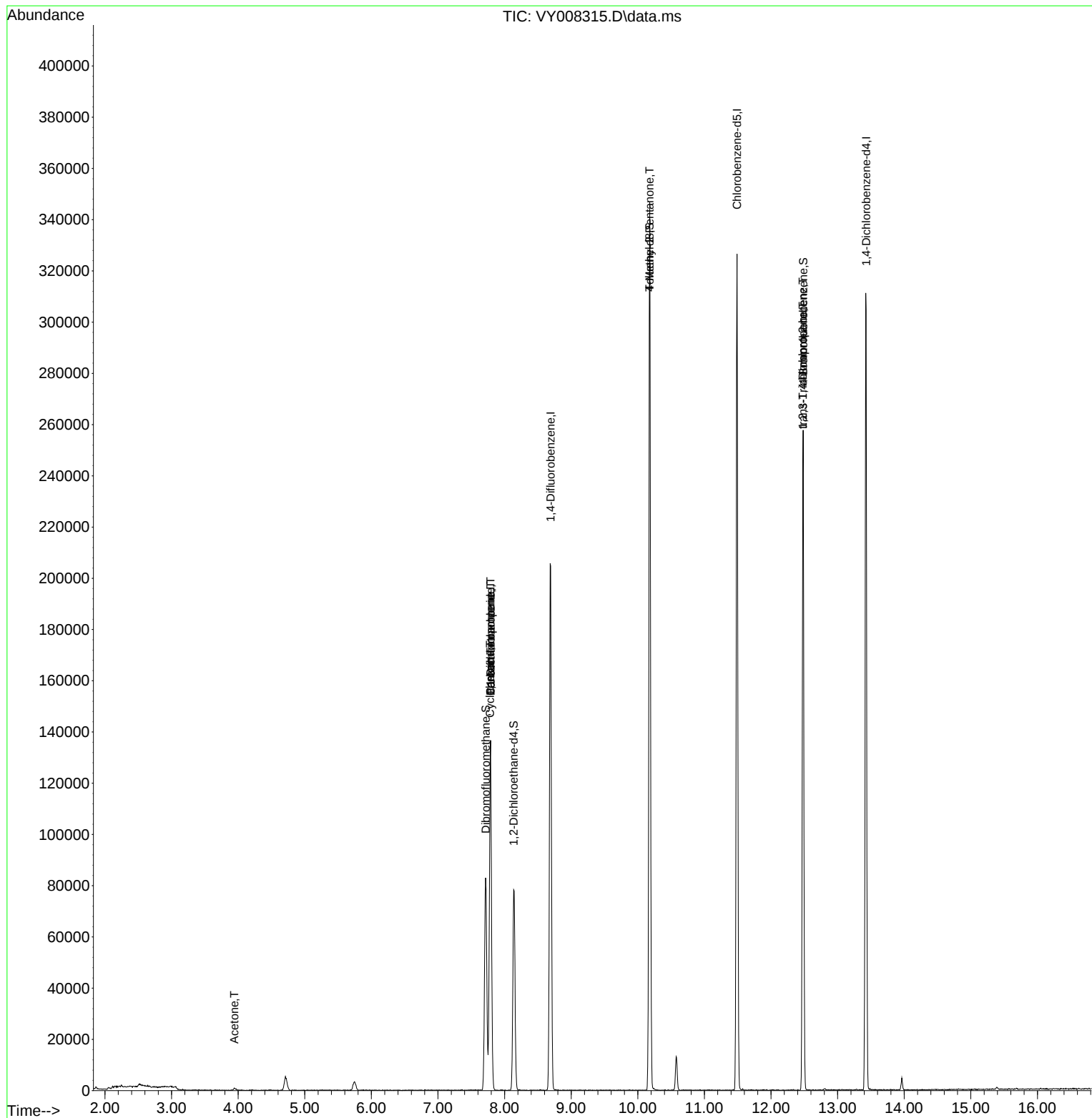
Internal Standards						
1) Pentafluorobenzene	7.789	168	103701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	187150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	181984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	60571	62.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.360%	
35) Dibromofluoromethane	7.716	113	59251	54.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.620%	
50) Toluene-d8	10.179	98	227178	61.420	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.840%	
62) 4-Bromofluorobenzene	12.483	95	76953	55.314	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.620%	
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	193	Below Cal	#	44
5) Bromomethane	2.668	94	234	Below Cal		94
16) Acetone	3.942	43	1363	5.818	ug/l #	82
18) Methyl Acetate	4.485	43	244	Below Cal	#	56
20) Methylene Chloride	4.710	84	4193	Below Cal	#	88
31) Cyclohexane	7.783	56	2163	1.228	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	7992	4.630	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10400	5.600	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	890	1.043	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	40228	45.364	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40228	101.501	ug/l #	7

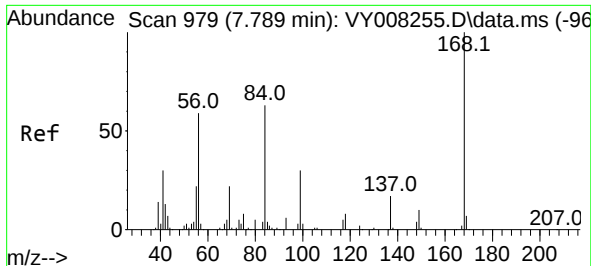
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
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Quant Title : SW846 8260
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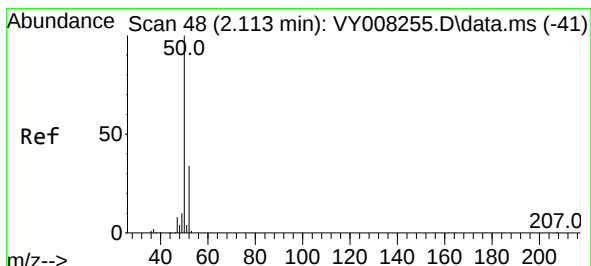
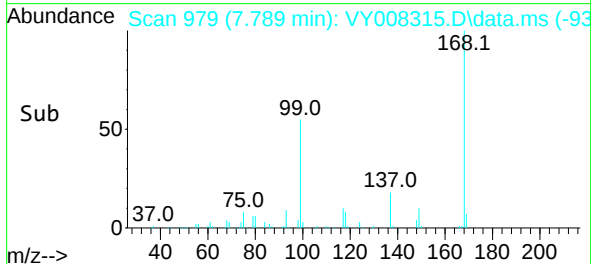
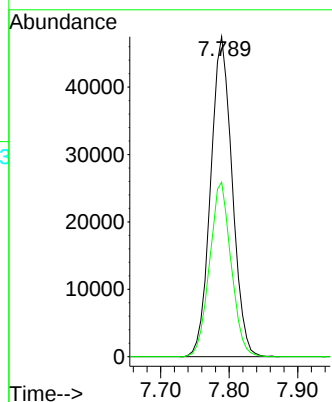
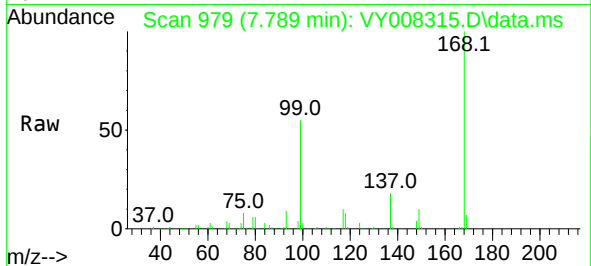




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

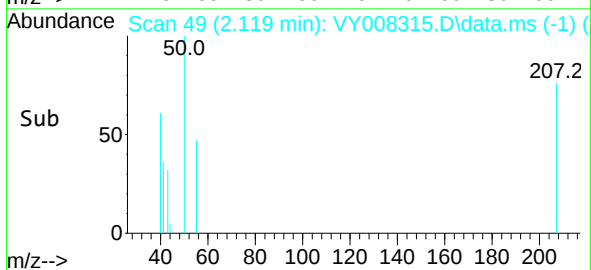
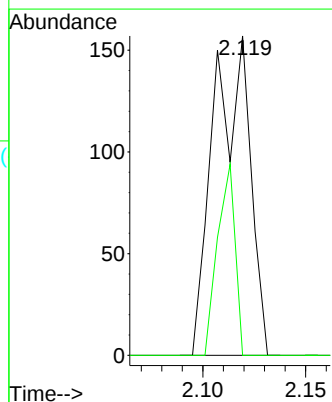
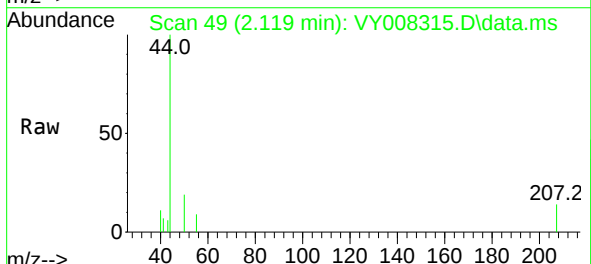
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-041122

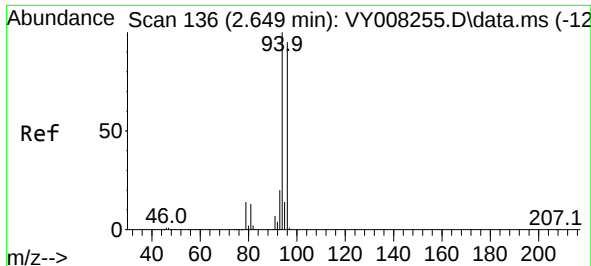
Tgt Ion:168 Resp: 103701
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

Tgt Ion: 50 Resp: 193
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

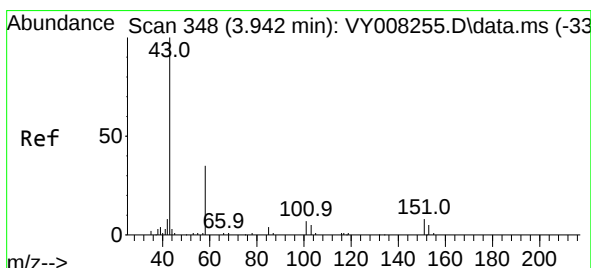
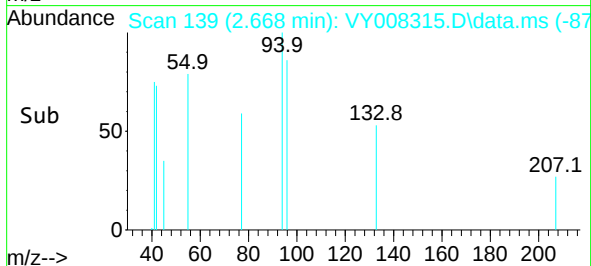
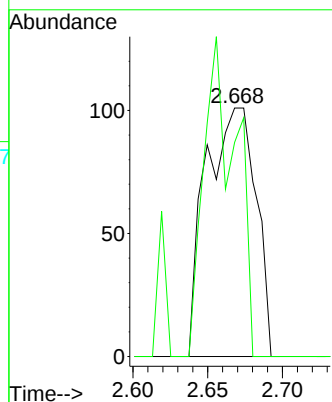
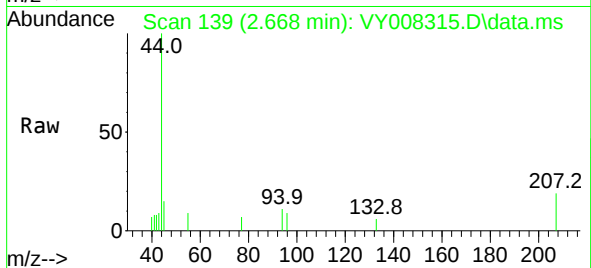




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

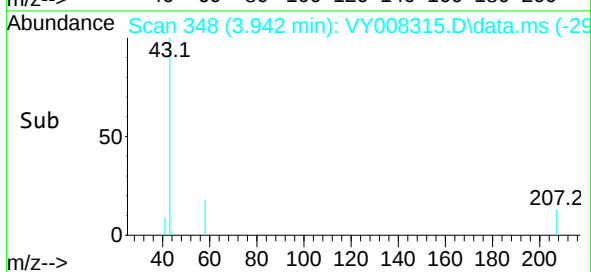
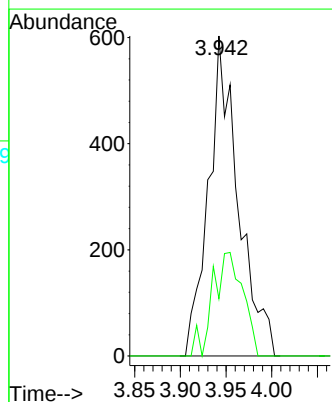
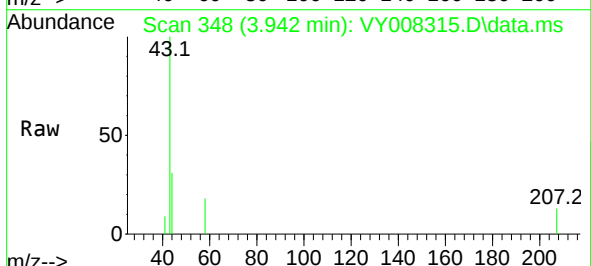
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-041122

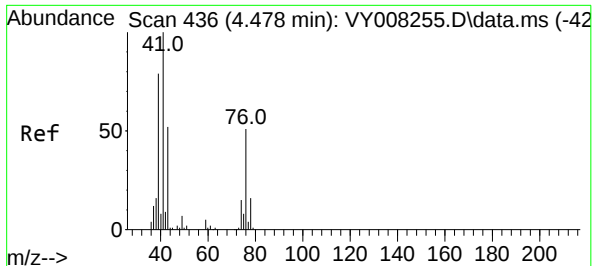
Tgt Ion: 94 Resp: 234
Ion Ratio Lower Upper
94 100
96 86.1 73.5 110.3



#16
Acetone
Concen: 5.818 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 17.9 22.0 33.0#

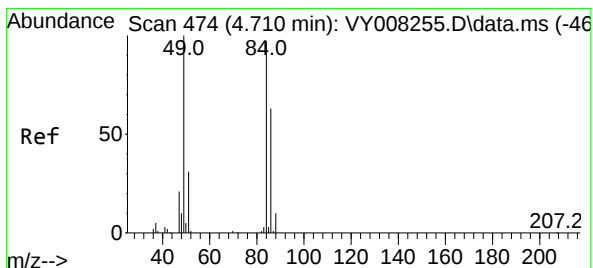
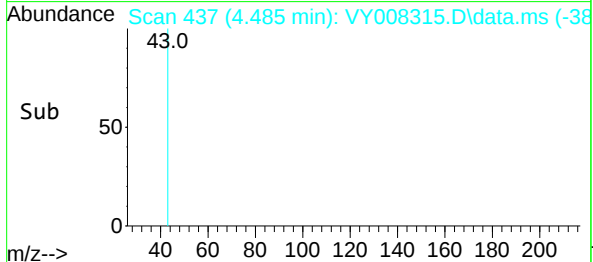
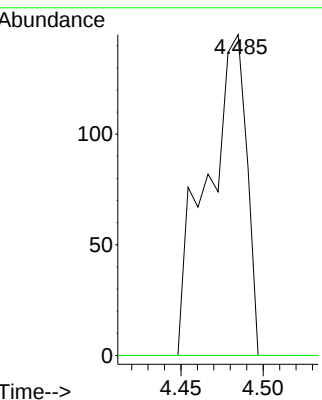
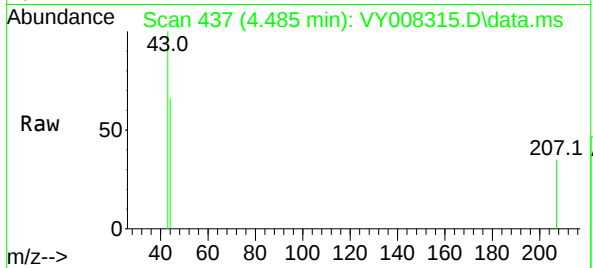




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

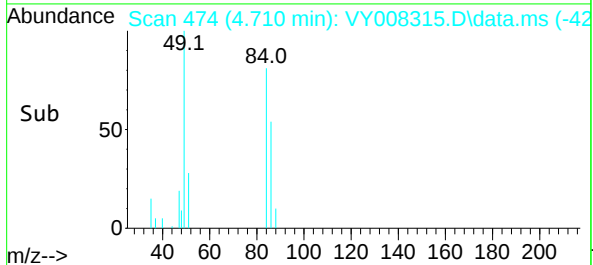
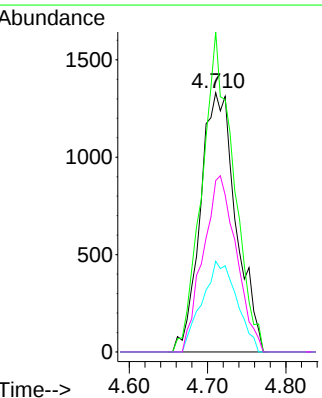
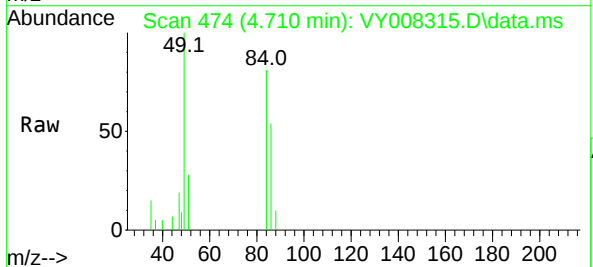
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-041122

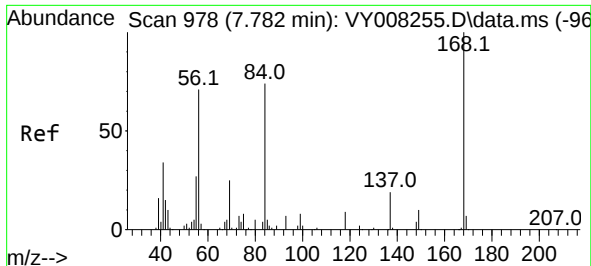
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

Tgt Ion: 84 Resp: 4193
Ion Ratio Lower Upper
84 100
49 123.4 114.4 171.6
51 35.0 35.3 52.9#
86 66.1 53.7 80.5

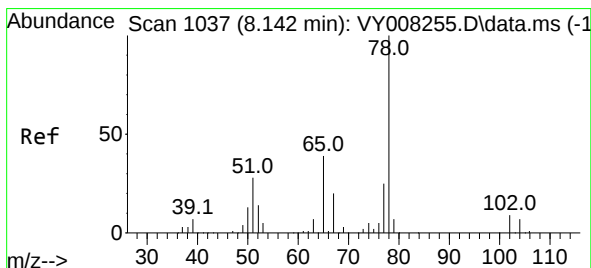
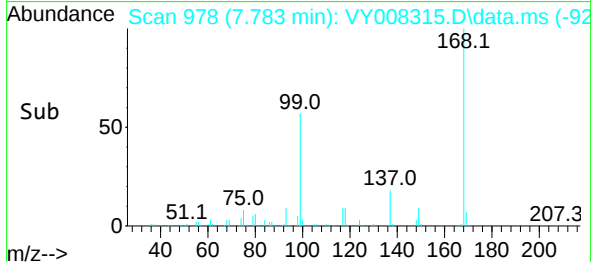
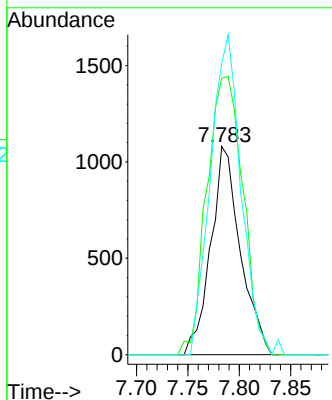
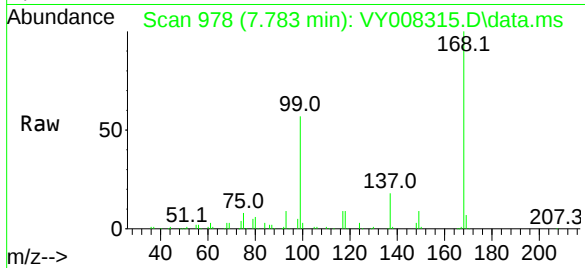




#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

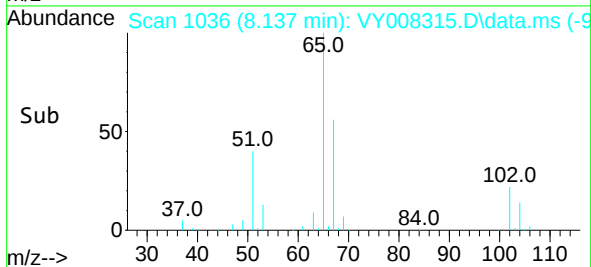
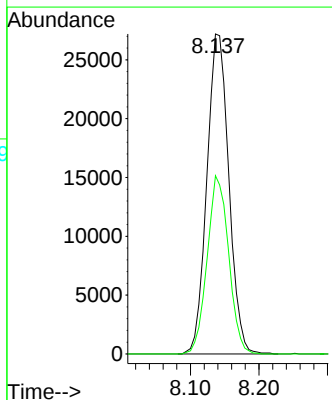
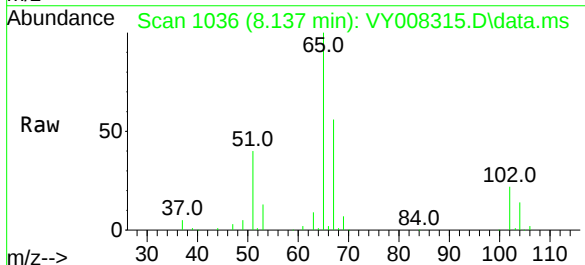
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-041122

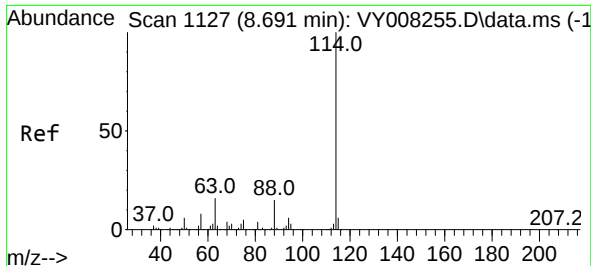
Tgt Ion: 56 Resp: 2163
Ion Ratio Lower Upper
56 100
69 132.8 26.7 40.1#
84 139.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.182 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

Tgt Ion: 65 Resp: 60571
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008315.D

Acq: 13 Apr 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-041122

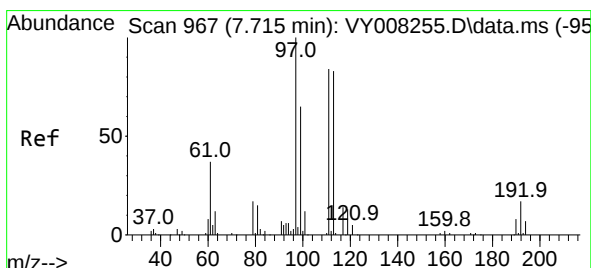
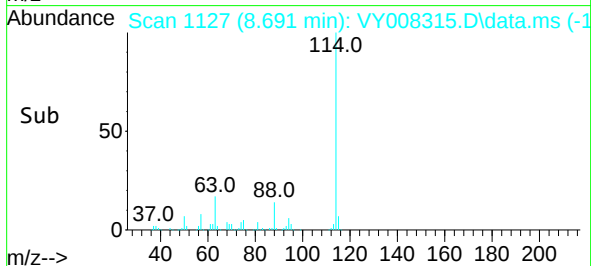
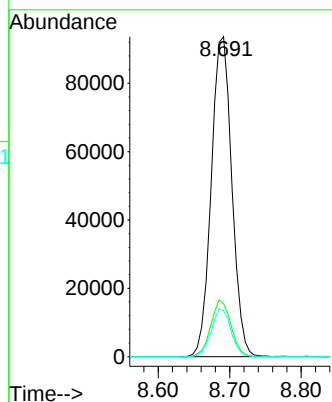
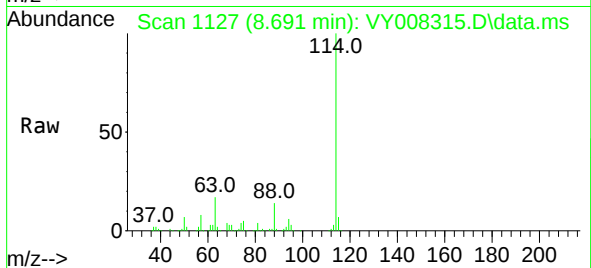
Tgt Ion:114 Resp: 187150

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.814 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008315.D

Acq: 13 Apr 2022 16:13

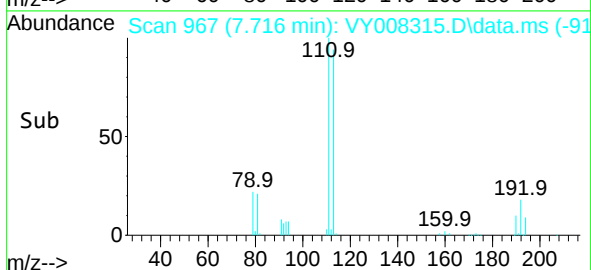
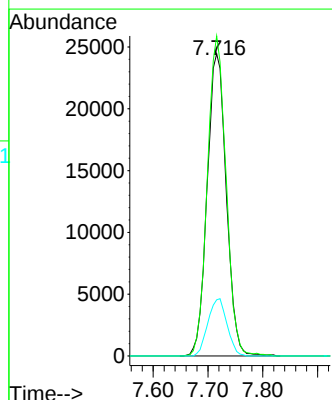
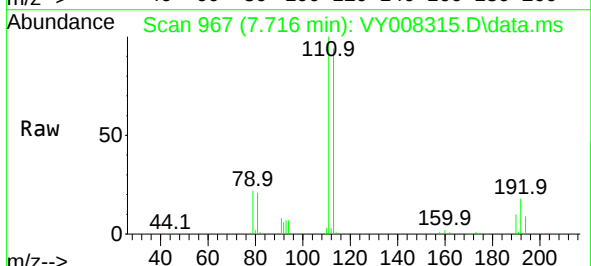
Tgt Ion:113 Resp: 59251

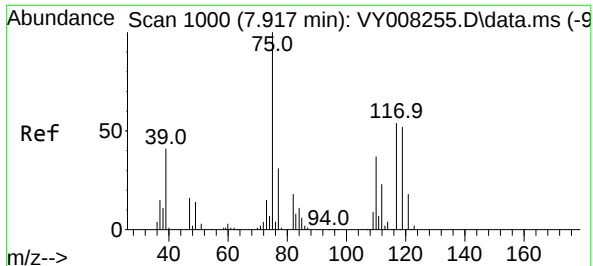
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 18.9 17.6 26.4

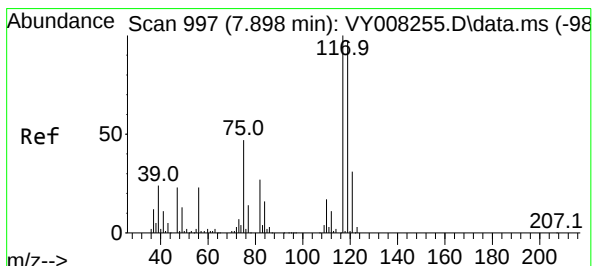
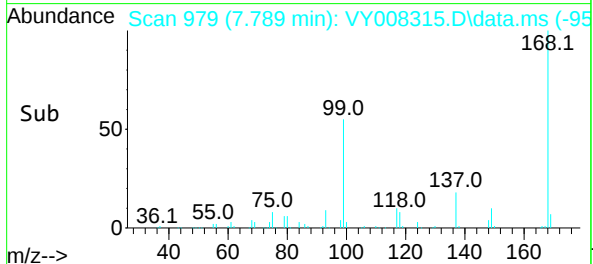
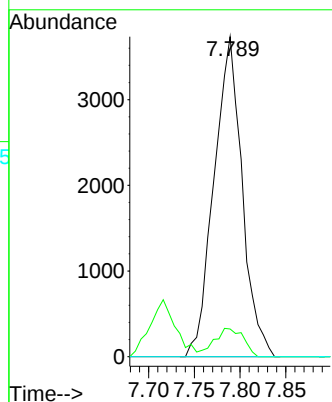
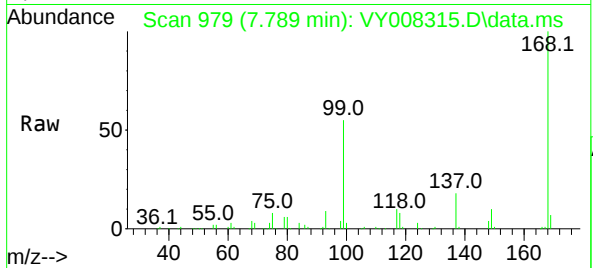




#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

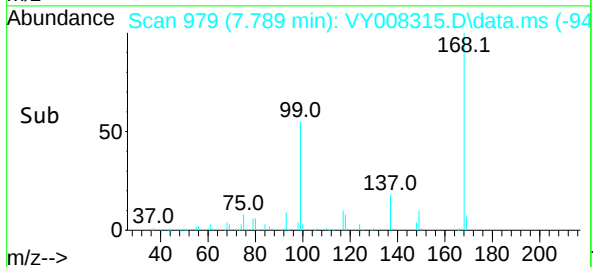
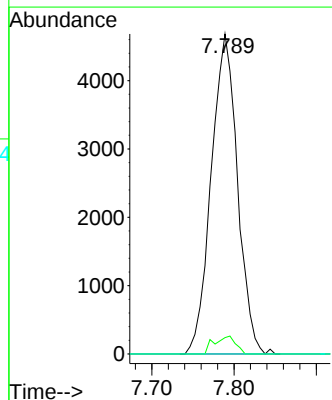
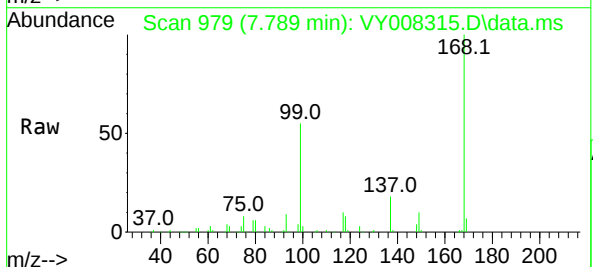
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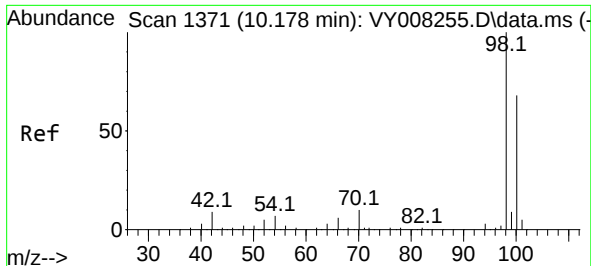
Tgt Ion: 75 Resp: 7992
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.600 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

Tgt Ion: 117 Resp: 10400
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

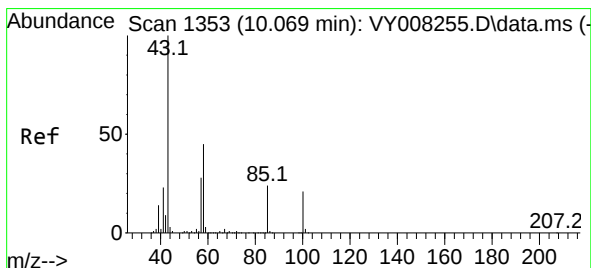
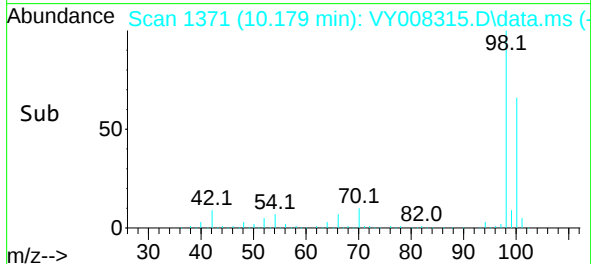
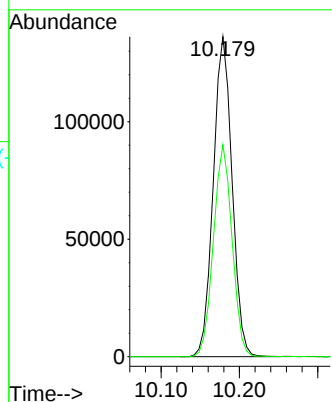
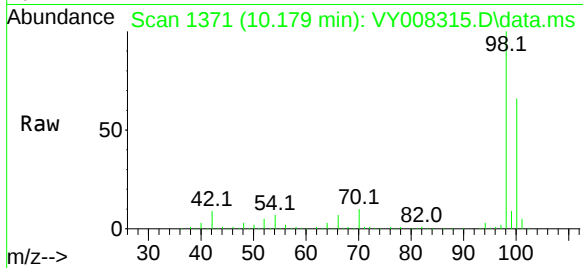




#50
Toluene-d8
Concen: 61.420 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

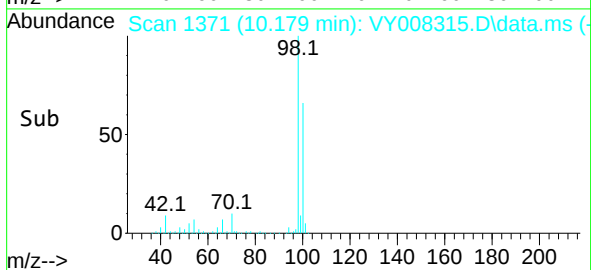
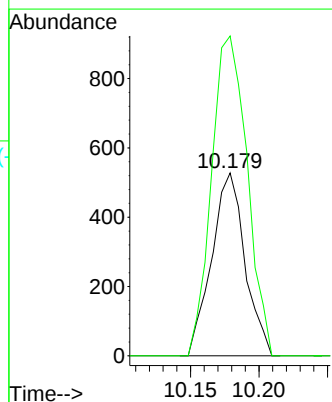
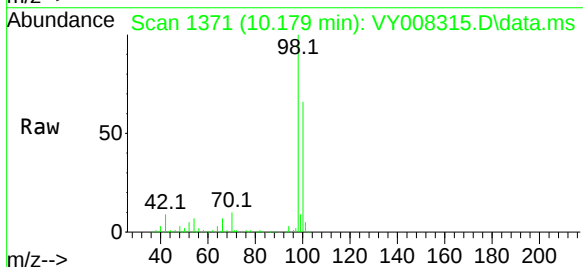
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-041122

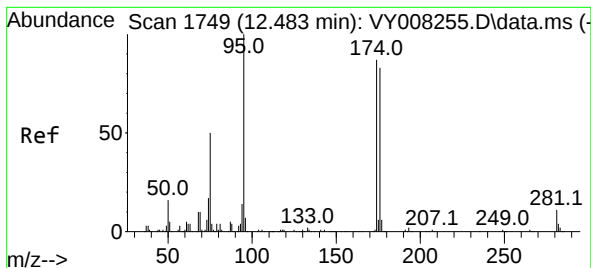
Tgt Ion: 98 Resp: 227178
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.043 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 187.3 28.1 42.1#

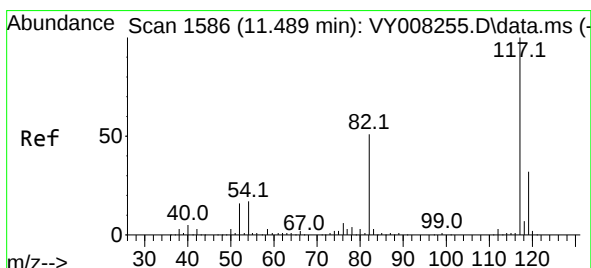
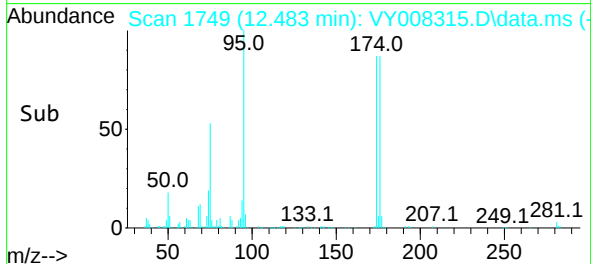
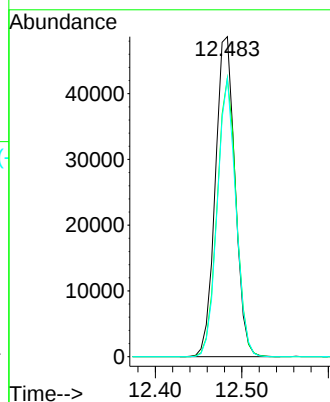
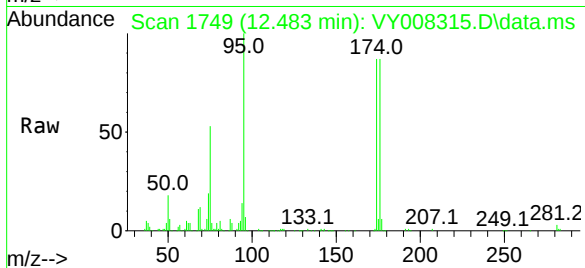




#62
4-Bromofluorobenzene
Concen: 55.314 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

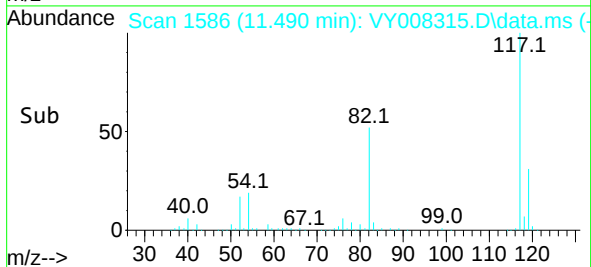
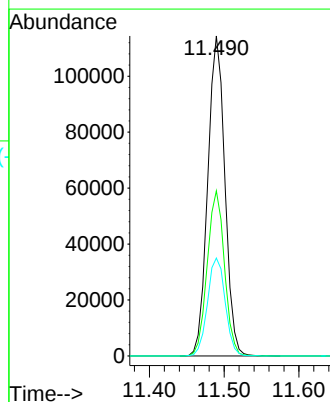
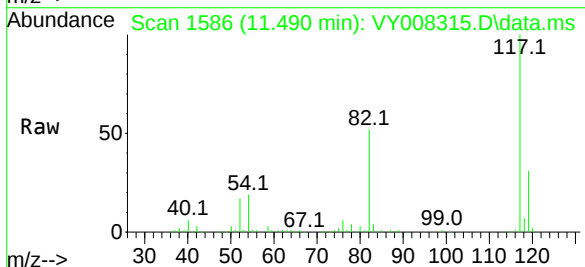
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-041122

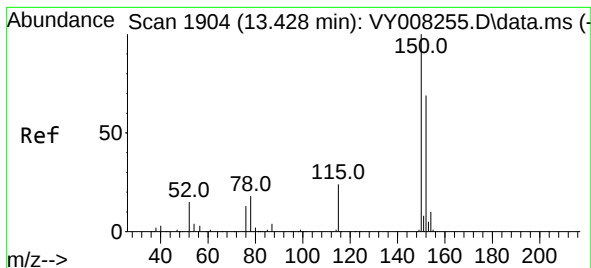
Tgt Ion: 95 Resp: 76953
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008315.D
Acq: 13 Apr 2022 16:13

Tgt Ion: 117 Resp: 181984
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 30.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008315.D

Acq: 13 Apr 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-041122

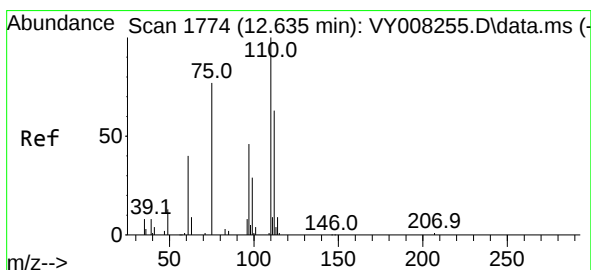
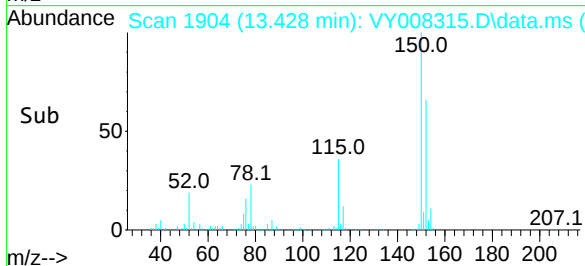
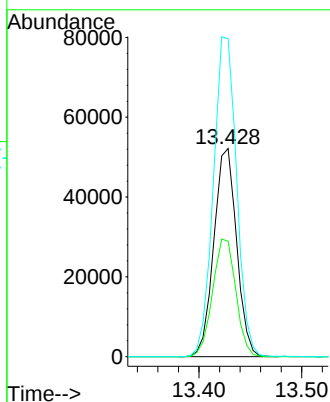
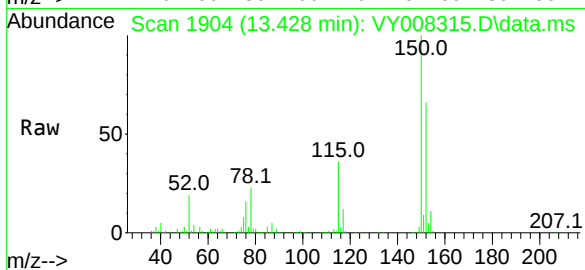
Tgt Ion:152 Resp: 80181

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 156.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 45.364 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY008315.D

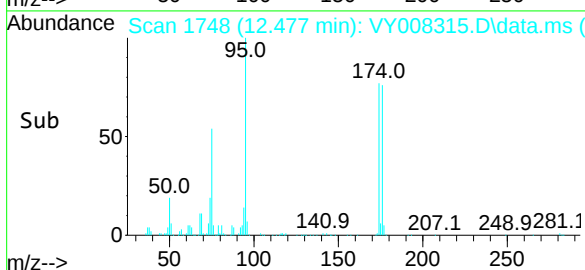
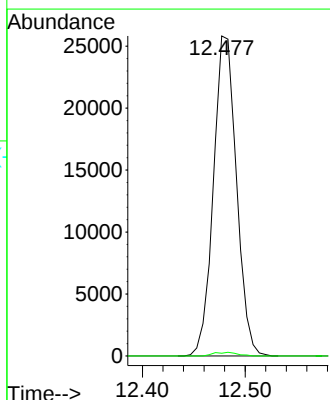
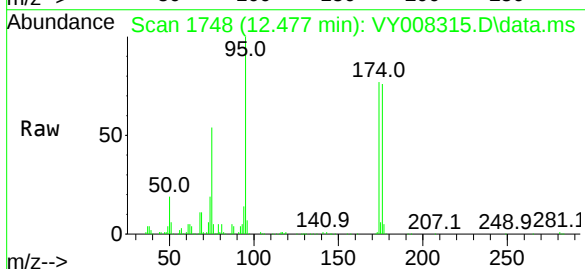
Acq: 13 Apr 2022 16:13

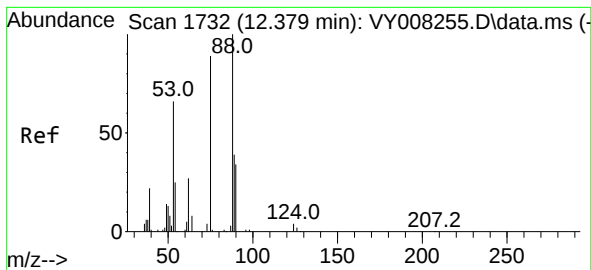
Tgt Ion: 75 Resp: 40228

Ion Ratio Lower Upper

75 100

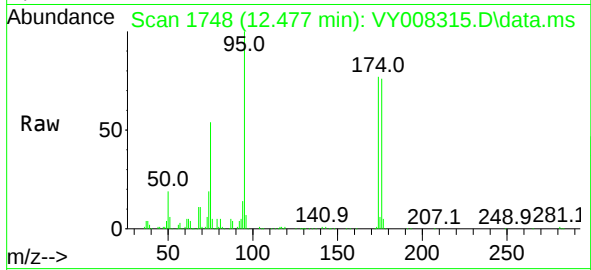
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.501 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY008315.D
 Acq: 13 Apr 2022 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-041122



Tgt Ion: 75 Resp: 40228
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

