

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005107.D
 Acq On : 11 Jun 2021 05:13
 Operator : SY/MD
 Sample : M2678-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 07:08:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	153169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	275579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	266713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94636	58.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.880%
35) Dibromofluoromethane	7.728	113	86745	58.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.020%
50) Toluene-d8	10.185	98	339645	55.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.320%
62) 4-Bromofluorobenzene	12.483	95	112452	53.101	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.200%

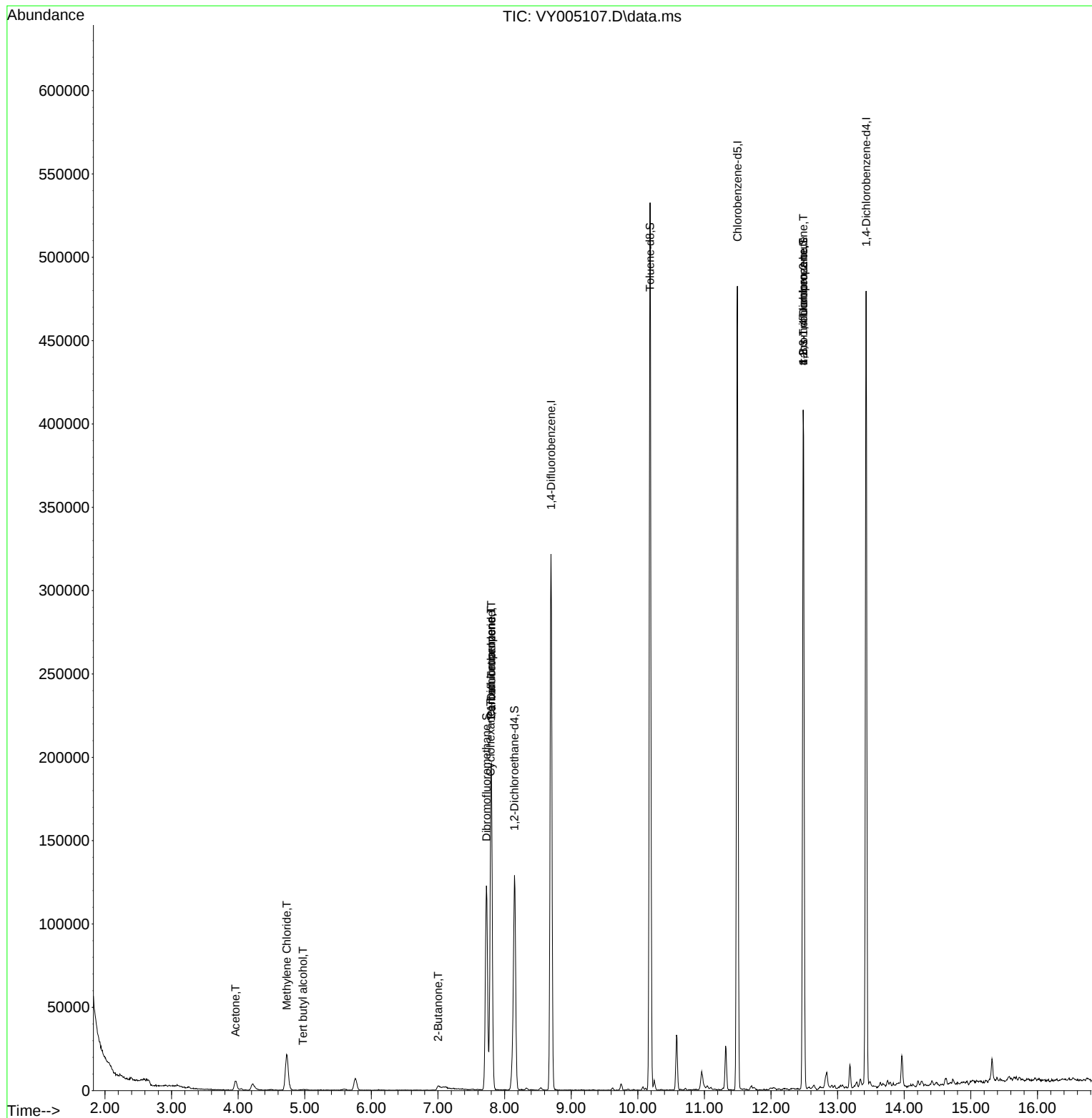
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	977	5.247	ug/l	# 74
13) Acrolein	3.765	56	19	Below Cal		# 15
16) Acetone	3.960	43	9952	25.531	ug/l	94
20) Methylene Chloride	4.728	84	16313	3.139	ug/l	92
25) 2-Butanone	7.002	43	3568	5.444	ug/l	98
31) Cyclohexane	7.789	56	3105	1.089	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	11936	4.426	ug/l	# 50
38) Carbon Tetrachloride	7.801	117	15449	6.582	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	60276	45.412	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	60276	83.456	ug/l	# 15

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

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MSVOA_Y
ClientSampleId :

Quant Time: Jun 11 07:08:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

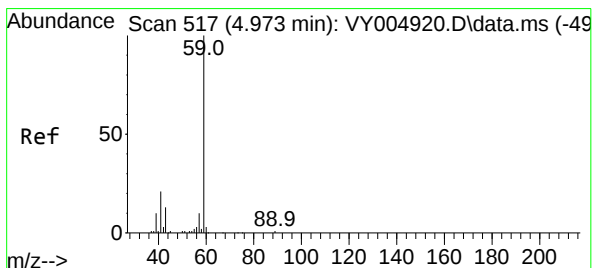
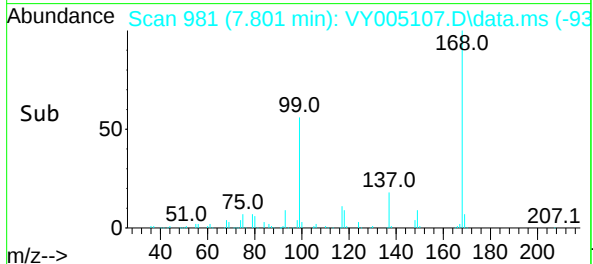
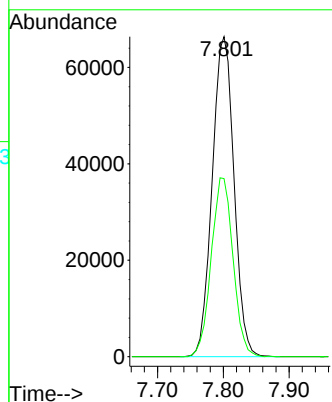
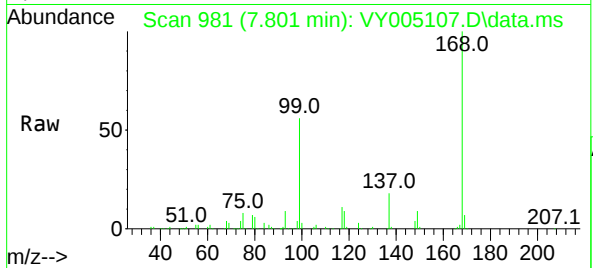




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

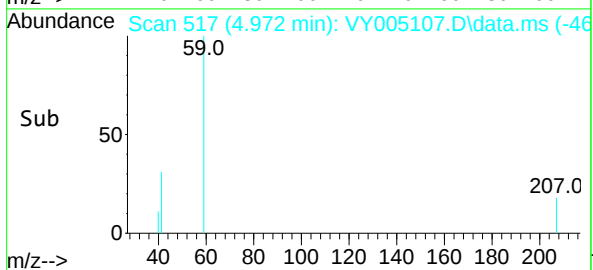
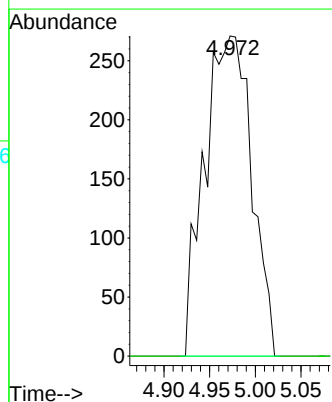
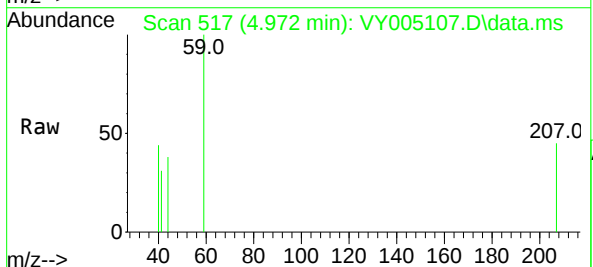
Instrument :
MSVOA_Y
ClientSampled :

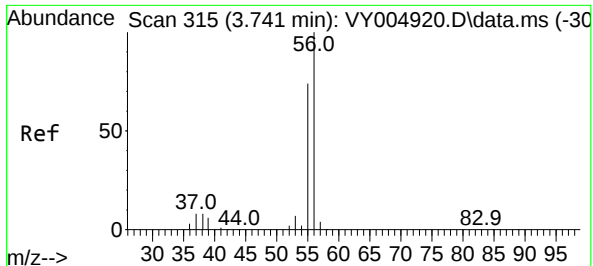
Tgt Ion:168 Resp: 153169
Ion Ratio Lower Upper
168 100
99 55.6 43.9 65.9



#11
Tert butyl alcohol
Concen: 5.247 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

Tgt Ion: 59 Resp: 977
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

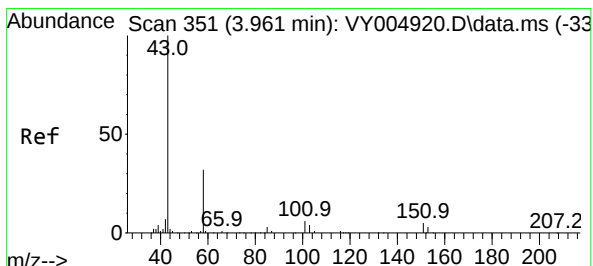
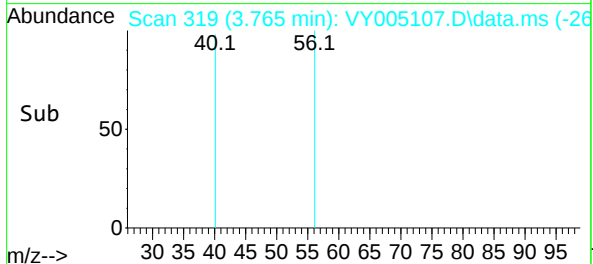
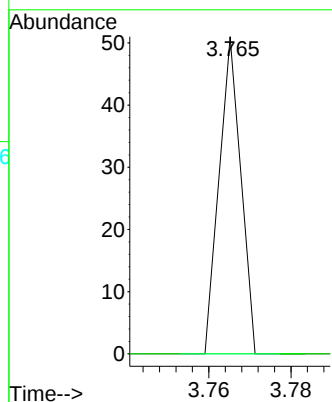
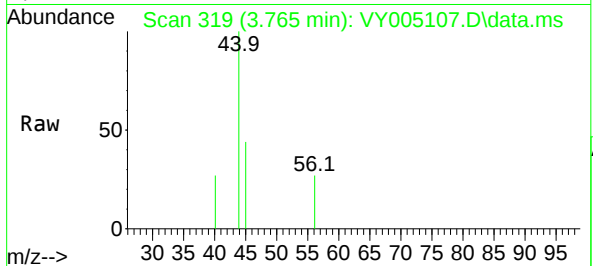




#13
Acrolein
Concen: Below Cal
RT: 3.765 min Scan# 319
Delta R.T. 0.024 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

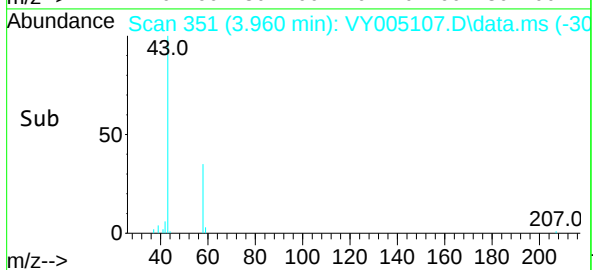
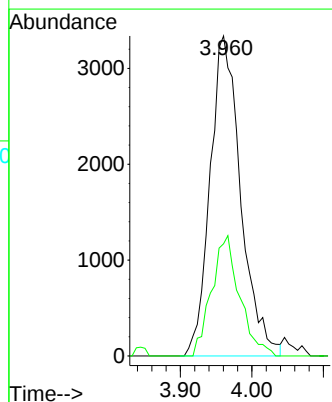
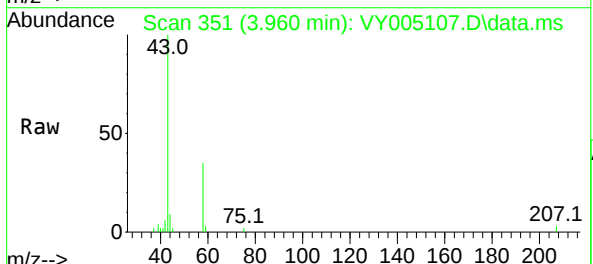
Instrument :
MSVOA_Y
ClientSampled :

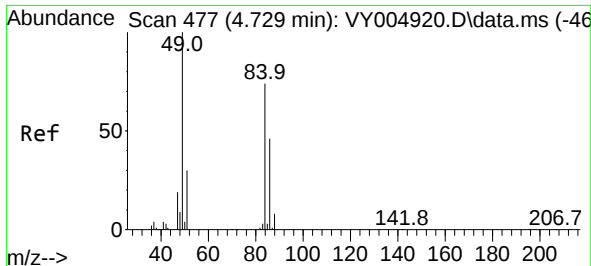
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 25.531 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

Tgt Ion: 43 Resp: 9952
Ion Ratio Lower Upper
43 100
58 35.1 25.3 37.9





#20

Methylene Chloride

Concen: 3.139 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

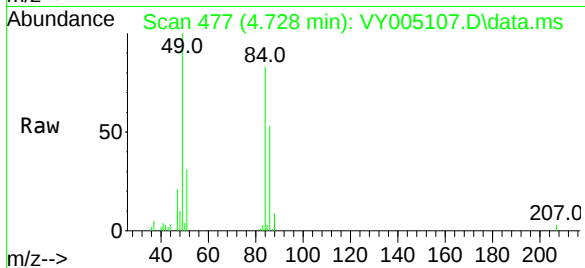
Lab File: VY005107.D

Acq: 11 Jun 2021 05:13

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 16313

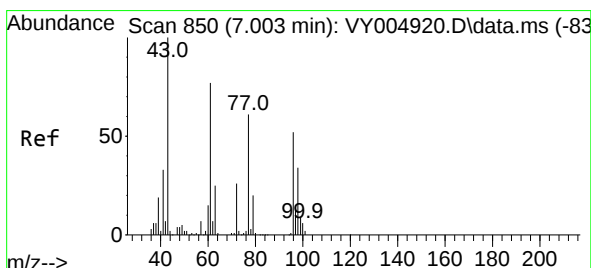
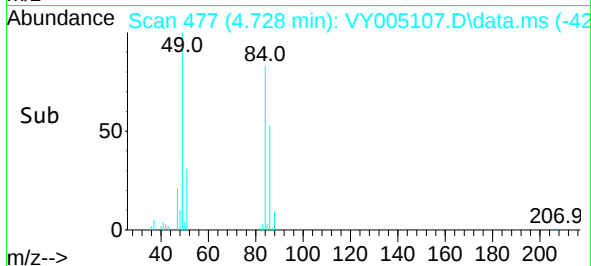
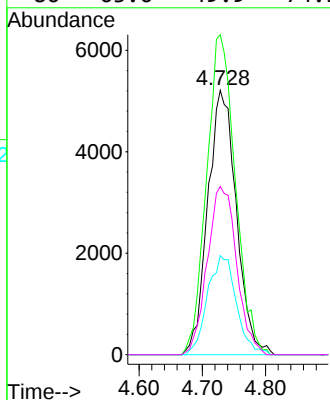
Ion Ratio Lower Upper

84 100

49 121.1 108.0 162.0

51 37.5 32.6 48.8

86 63.6 49.9 74.9



#25

2-Butanone

Concen: 5.444 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY005107.D

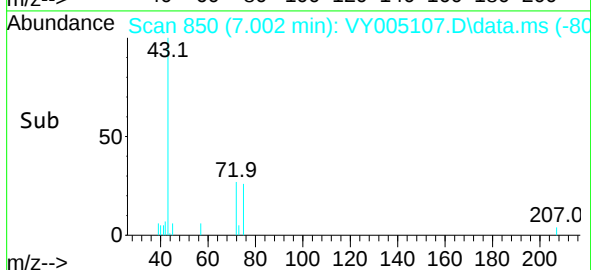
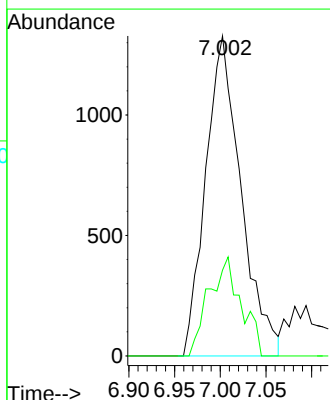
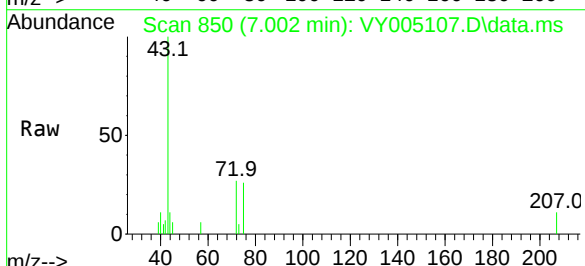
Acq: 11 Jun 2021 05:13

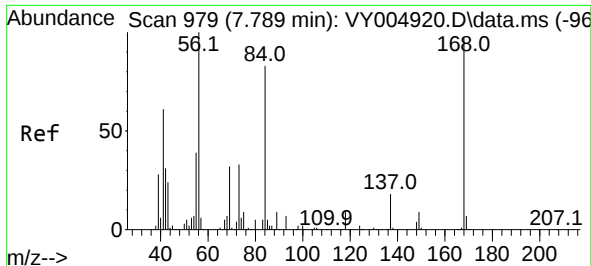
Tgt Ion: 43 Resp: 3568

Ion Ratio Lower Upper

43 100

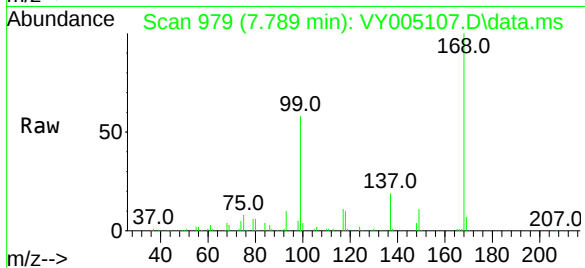
72 26.8 20.6 31.0



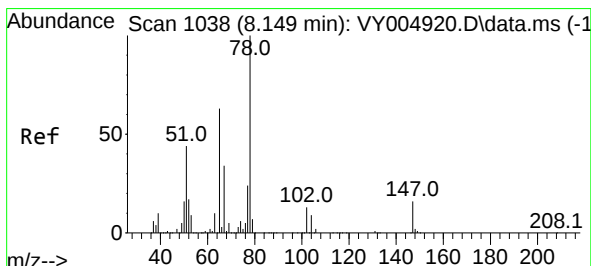
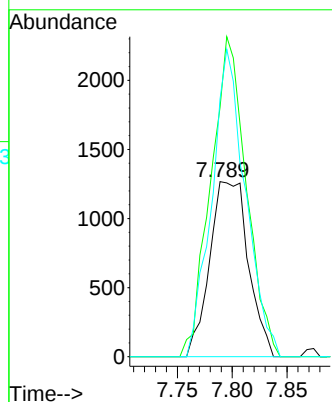
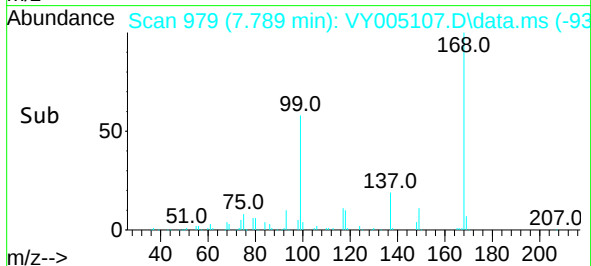


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

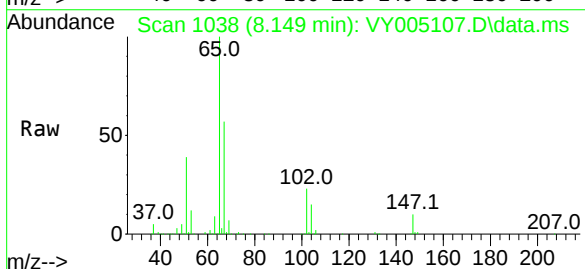
Instrument :
MSVOA_Y
ClientSampleId :



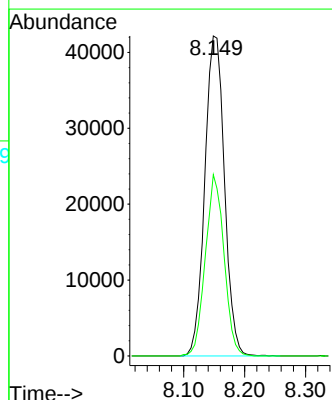
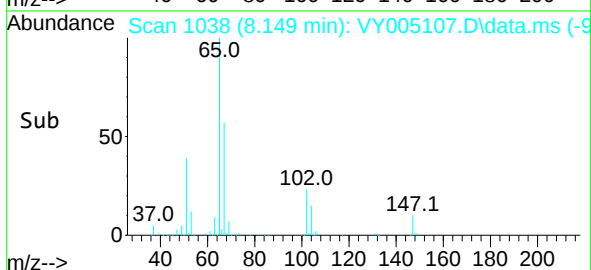
Tgt Ion: 56 Resp: 3105
Ion Ratio Lower Upper
56 100
69 142.4 25.3 37.9#
84 147.2 66.2 99.4#

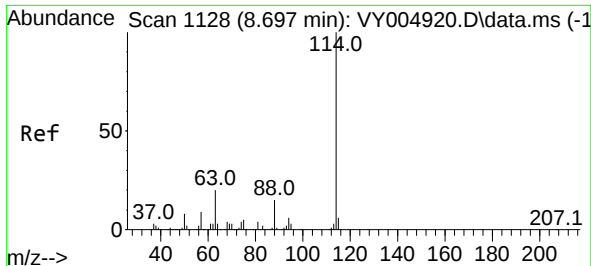


#33
1,2-Dichloroethane-d4
Concen: 58.444 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13



Tgt Ion: 65 Resp: 94636
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005107.D

Acq: 11 Jun 2021 05:13

Instrument :

MSVOA_Y

ClientSampleId :

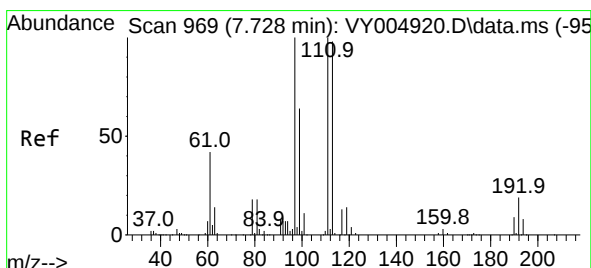
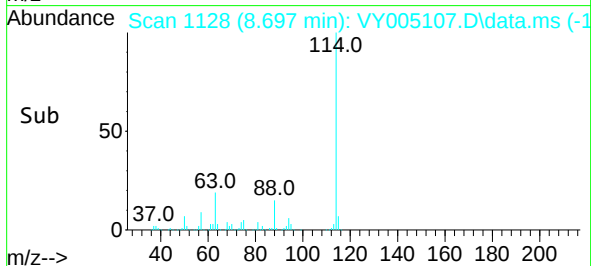
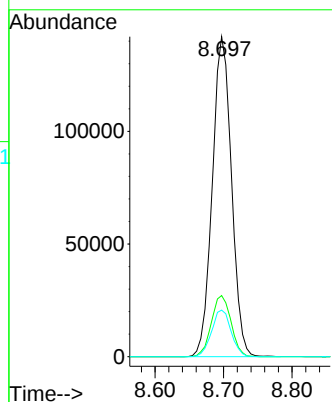
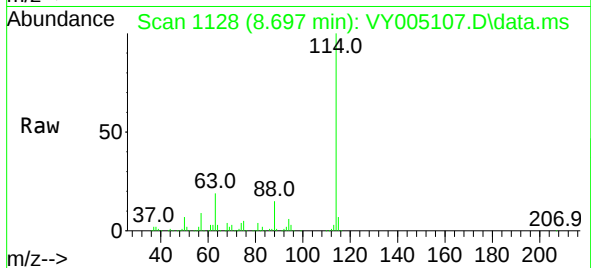
Tgt Ion:114 Resp: 275579

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.0

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.507 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005107.D

Acq: 11 Jun 2021 05:13

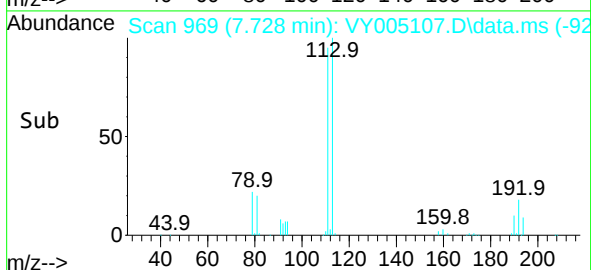
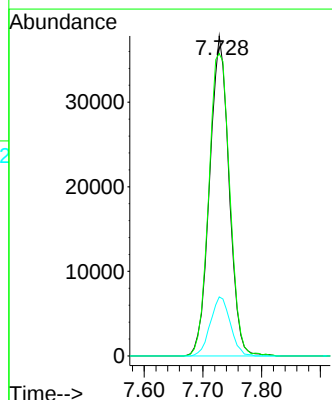
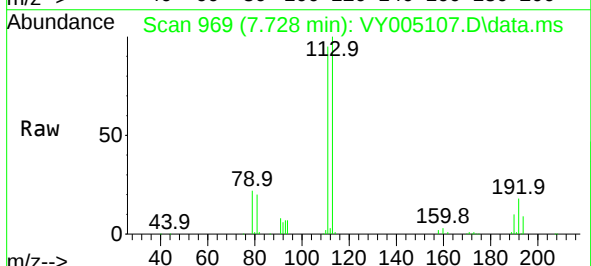
Tgt Ion:113 Resp: 86745

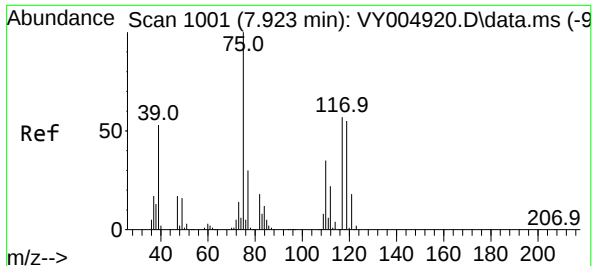
Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 19.0 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.426 ug/l

RT: 7.795 min Scan# 980

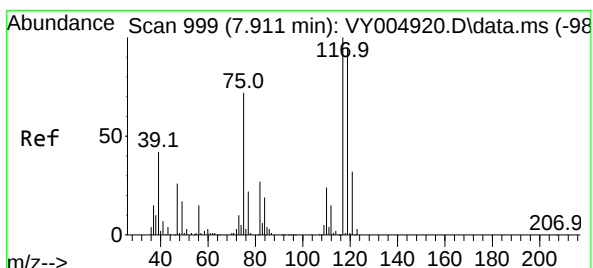
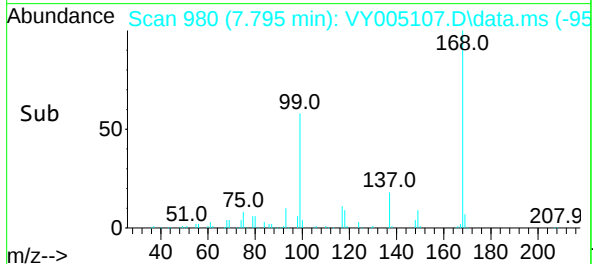
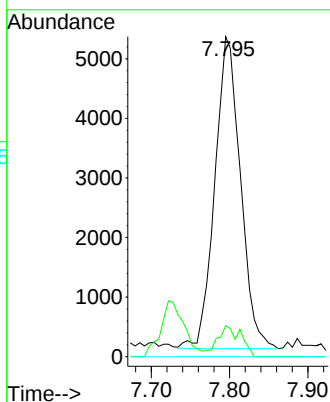
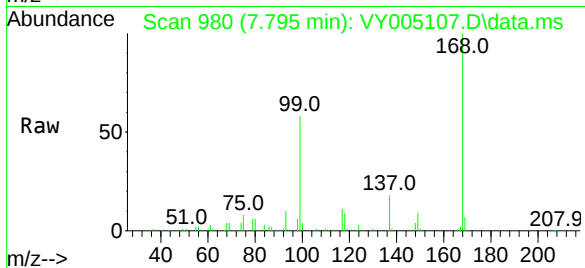
Delta R.T. -0.128 min

Lab File: VY005107.D

Acq: 11 Jun 2021 05:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	75	Resp:	11936
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.582 ug/l

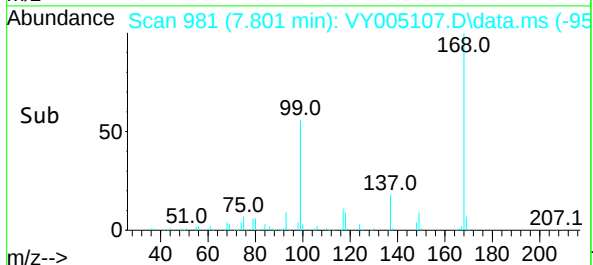
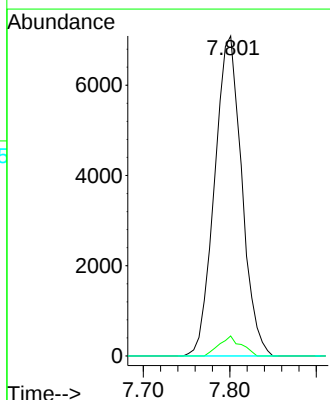
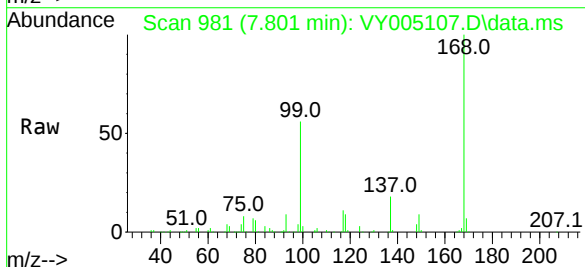
RT: 7.801 min Scan# 981

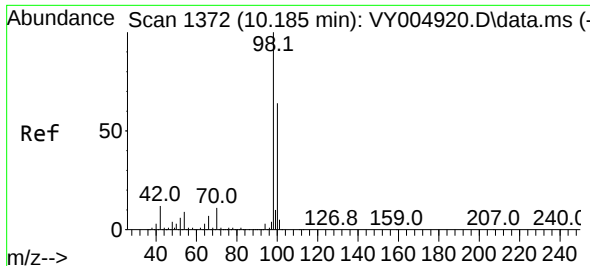
Delta R.T. -0.110 min

Lab File: VY005107.D

Acq: 11 Jun 2021 05:13

Tgt Ion:	117	Resp:	15449
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.1	114.1#
121	0.0	25.5	38.3#

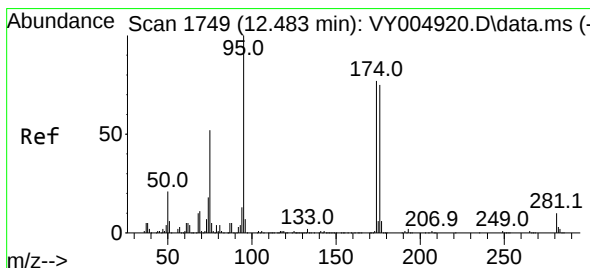
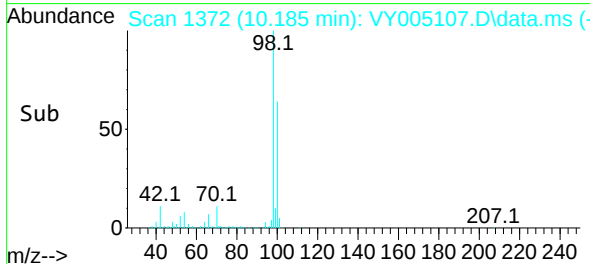
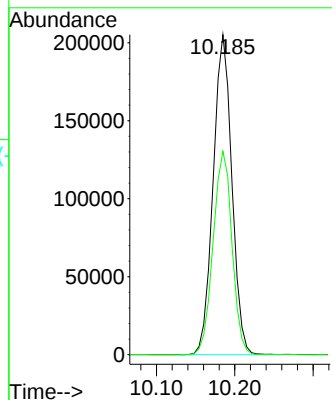
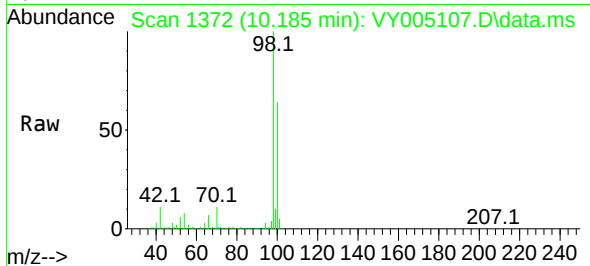




#50
Toluene-d8
Concen: 55.158 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

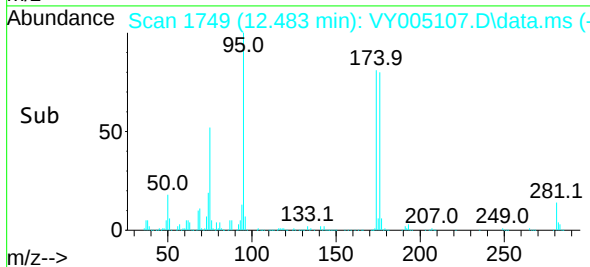
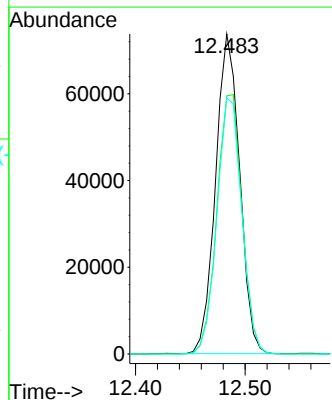
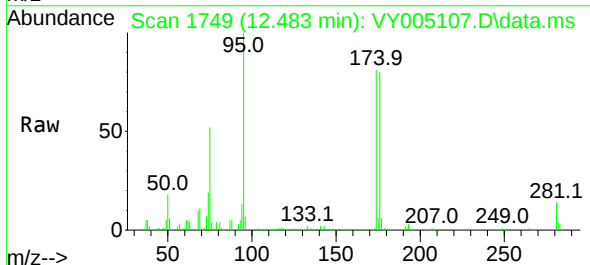
Instrument :
MSVOA_Y
ClientSampled :

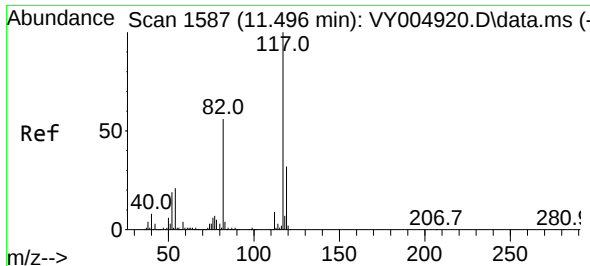
Tgt Ion: 98 Resp: 339645
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.101 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

Tgt Ion: 95 Resp: 112452
Ion Ratio Lower Upper
95 100
174 85.1 0.0 160.8
176 82.5 0.0 155.6

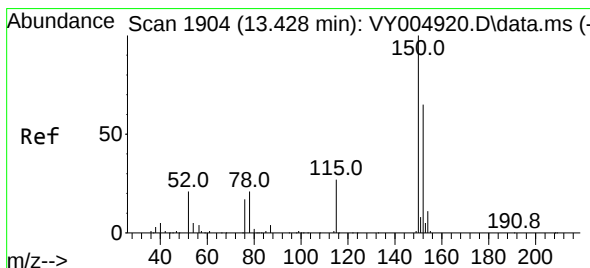
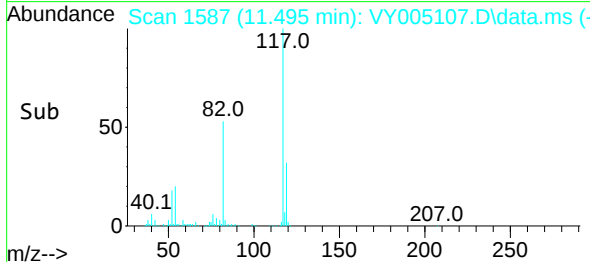
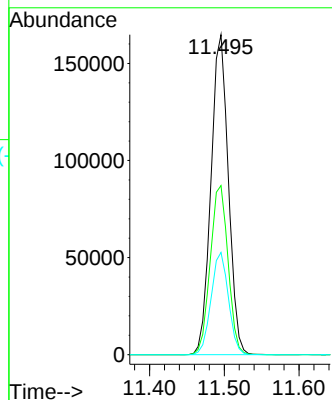
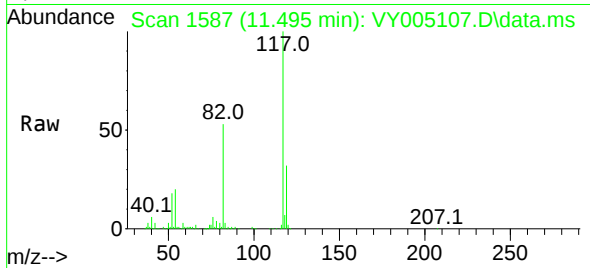




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

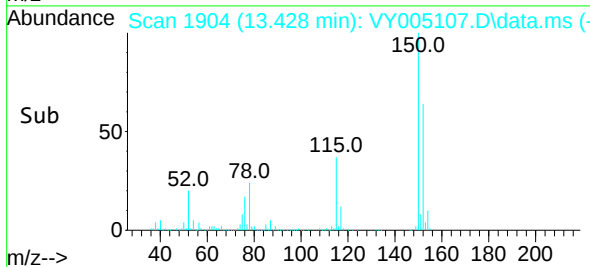
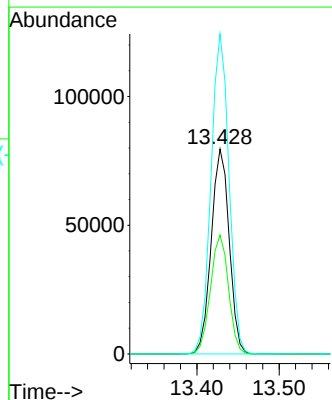
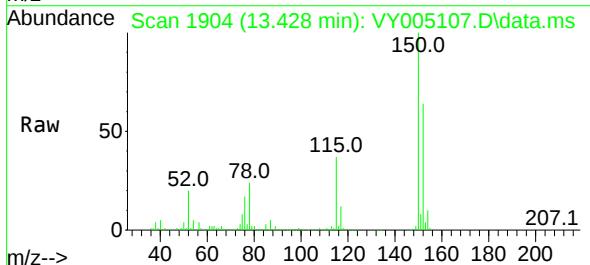
Instrument :
MSVOA_Y
ClientSampleId :

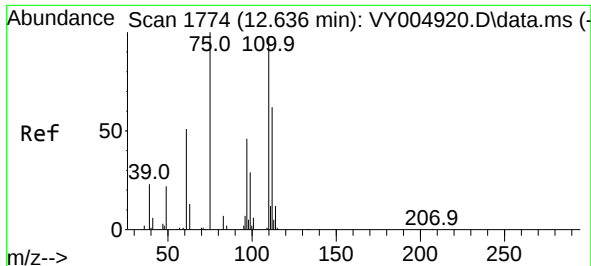
Tgt Ion:117 Resp: 266713
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

Tgt Ion:152 Resp: 121085
Ion Ratio Lower Upper
152 100
115 58.1 29.9 89.7
150 155.7 0.0 347.8

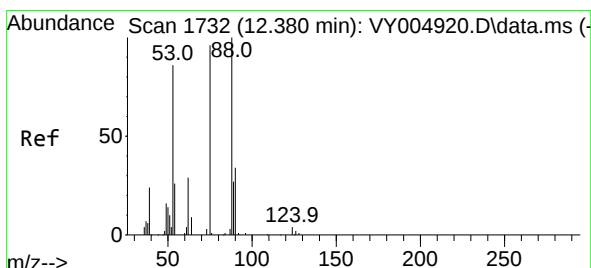
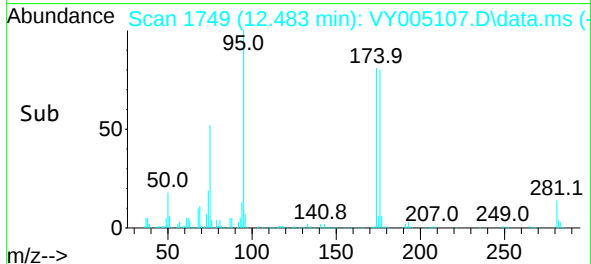
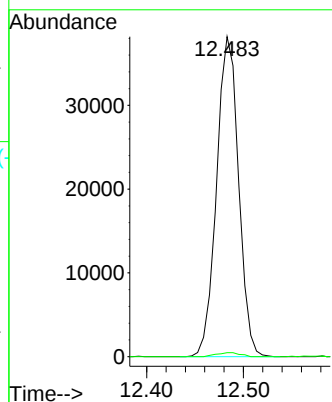
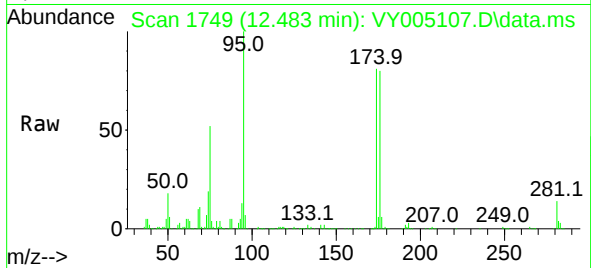




#76
1,2,3-Trichloropropane
Concen: 45.412 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 60276
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005107.D
Acq: 11 Jun 2021 05:13

Tgt Ion: 75 Resp: 60276
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.3 35.0 52.6#

