

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032321\
 Data File : VY004173.D
 Acq On : 23 Mar 2021 13:02
 Operator : SY/MD
 Sample : M1780-01
 Misc : 5.21g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-41-RW6-IDWSO-20210322

Quant Time: Mar 24 01:19:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	206077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	348570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	327218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158294	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	117715	57.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.76%
35) Dibromofluoromethane	7.728	113	106139	54.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.00%
50) Toluene-d8	10.184	98	417238	54.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.28%
62) 4-Bromofluorobenzene	12.483	95	149894	52.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.34%

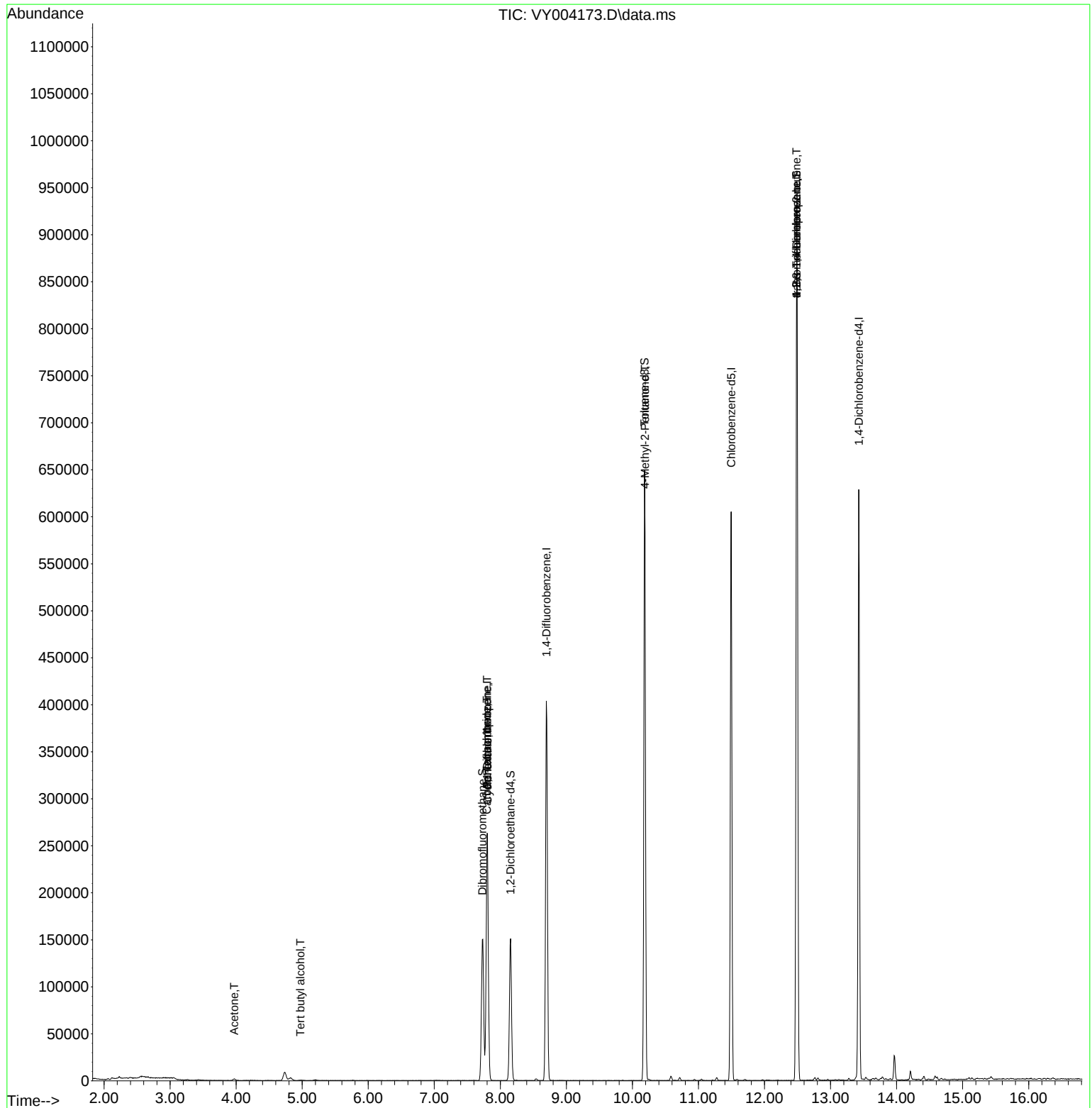
Target Compounds					Qvalue
3) Chloromethane	2.119	50	922	Below Cal	90
11) Tert butyl alcohol	4.972	59	491	2.67 ug/l #	76
16) Acetone	3.972	43	2738	5.58 ug/l	91
20) Methylene Chloride	4.734	84	6721	Below Cal	90
31) Cyclohexane	7.807	56	4235	1.19 ug/l #	23
36) 1,1-Dichloropropene	7.801	75	14909	4.87 ug/l #	52
38) Carbon Tetrachloride	7.795	117	20015	6.16 ug/l #	16
51) 4-Methyl-2-Pentanone	10.191	43	1959	1.17 ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	81997	54.02 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81997	106.62 ug/l #	14

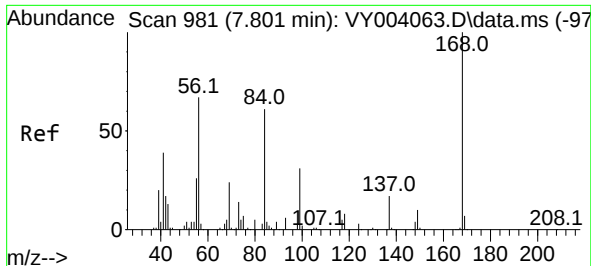
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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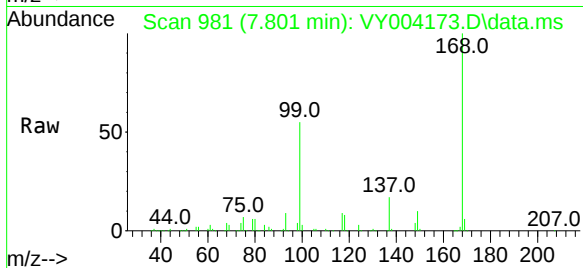
Quant Time: Mar 24 01:19:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
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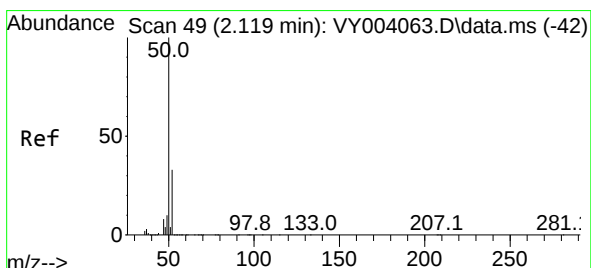
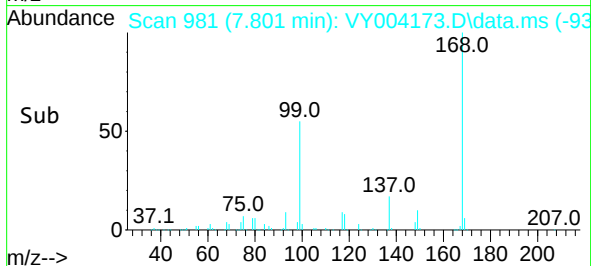
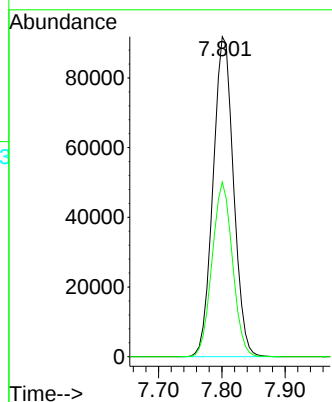


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

Instrument :
MSVOA_Y
ClientSampleId :
TT-41-RW6-IDWSO-20210322

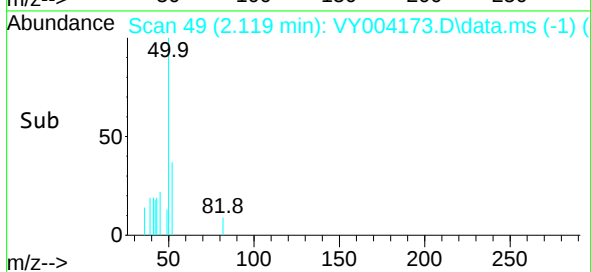
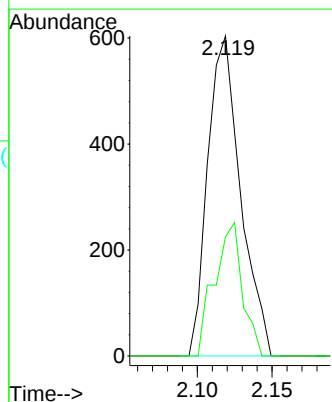
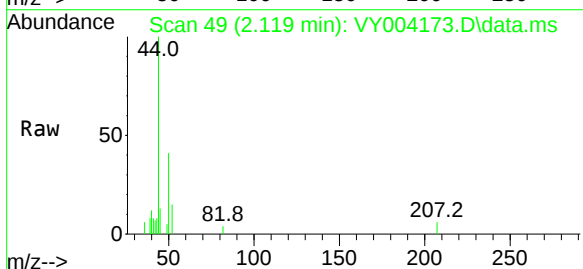


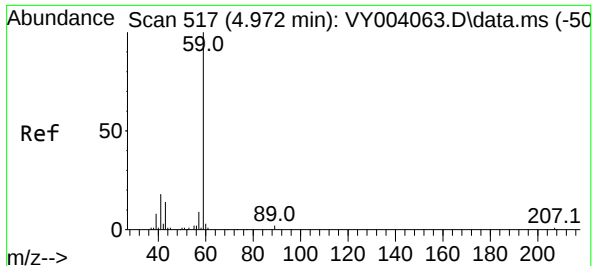
Tgt Ion:168 Resp: 206077
Ion Ratio Lower Upper
168 100
99 54.5 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

Tgt Ion: 50 Resp: 922
Ion Ratio Lower Upper
50 100
52 37.3 25.4 38.2





#11

Tert butyl alcohol

Concen: 2.67 ug/l

RT: 4.972 min Scan# 517

Delta R.T. -0.000 min

Lab File: VY004173.D

Acq: 23 Mar 2021 13:02

Tgt Ion: 59 Resp: 491

Ion Ratio Lower Upper

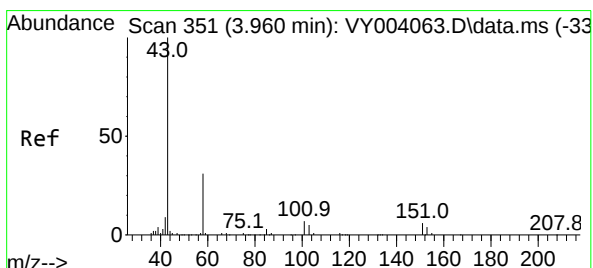
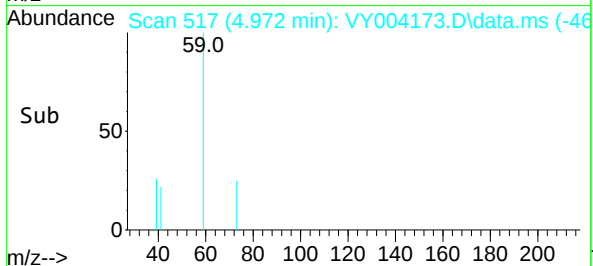
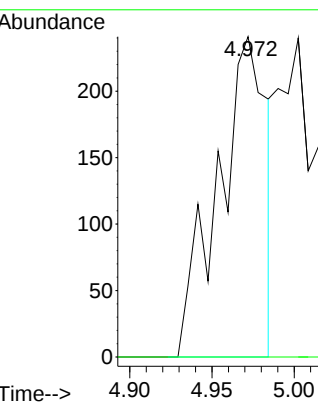
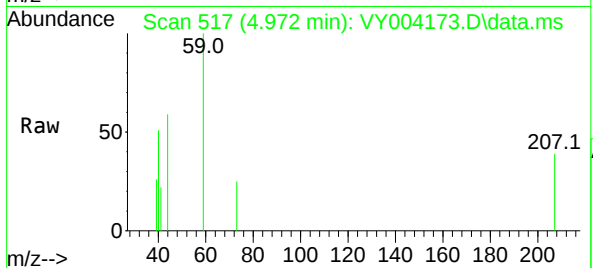
59 100
57 0.0 6.9 10.3#

Instrument :

MSVOA_Y

ClientSampleId :

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#16

Acetone

Concen: 5.58 ug/l

RT: 3.972 min Scan# 353

Delta R.T. 0.012 min

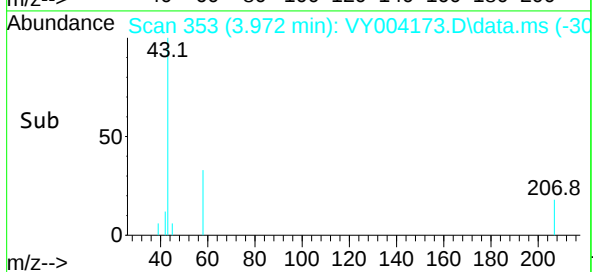
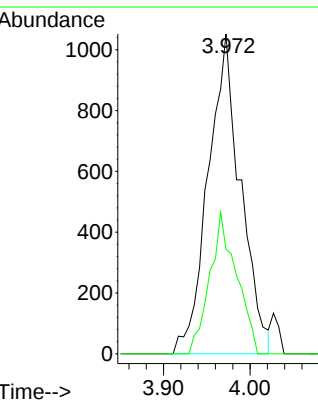
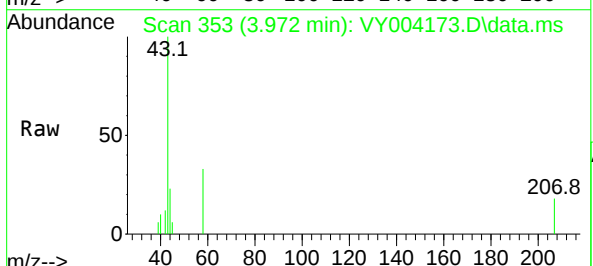
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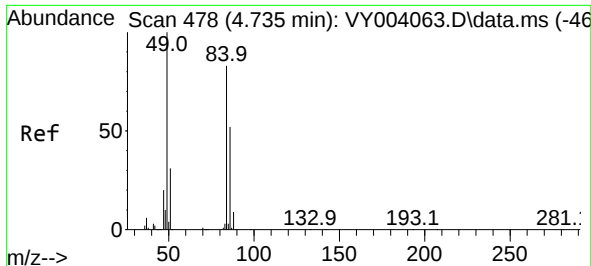
Acq: 23 Mar 2021 13:02

Tgt Ion: 43 Resp: 2738

Ion Ratio Lower Upper

43 100
58 32.8 22.6 34.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.734 min Scan# 478

Delta R.T. -0.001 min

Lab File: VY004173.D

Acq: 23 Mar 2021 13:02

Instrument :

MSVOA_Y

ClientSampleId :

TT-41-RW6-IDWSO-20210322

Tgt Ion: 84 Resp: 6721

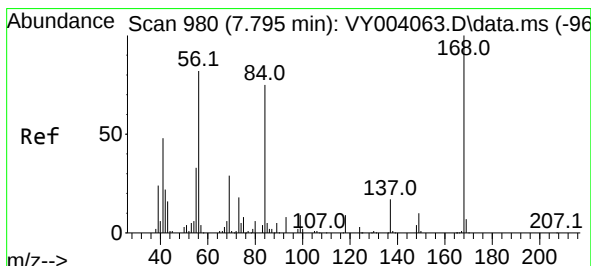
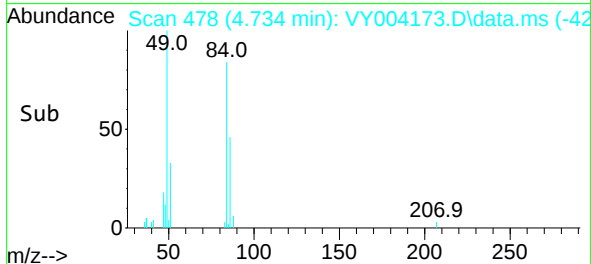
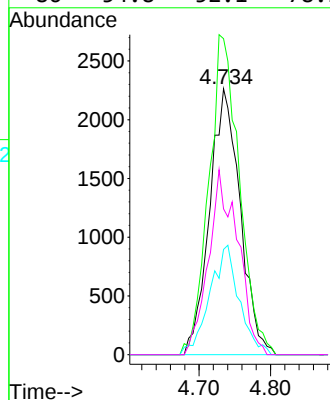
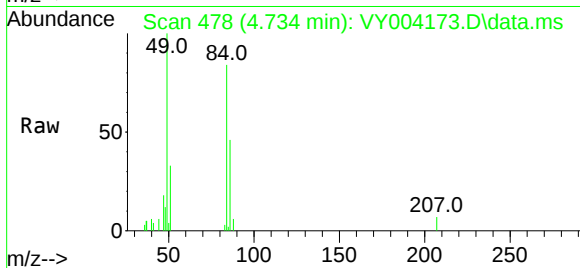
Ion Ratio Lower Upper

84 100

49 118.8 105.8 158.6

51 39.6 32.6 48.8

86 54.8 52.1 78.1



#31

Cyclohexane

Concen: 1.19 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.012 min

Lab File: VY004173.D

Acq: 23 Mar 2021 13:02

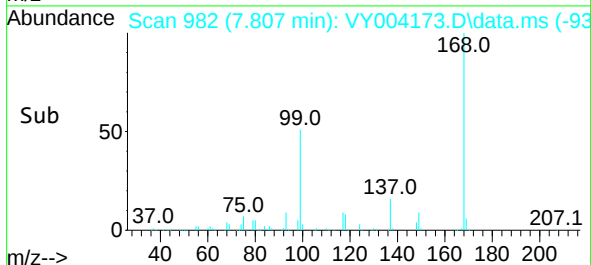
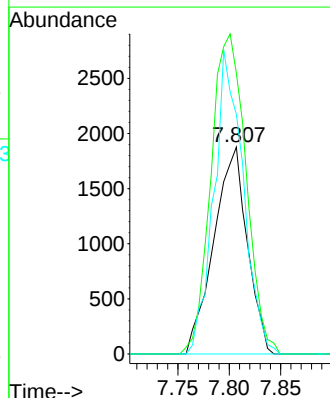
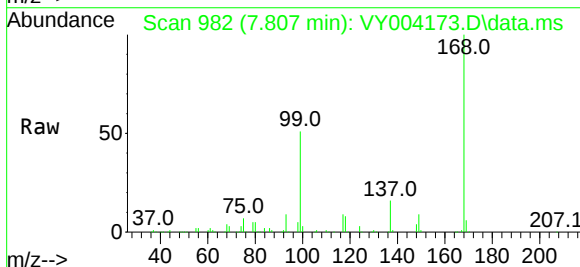
Tgt Ion: 56 Resp: 4235

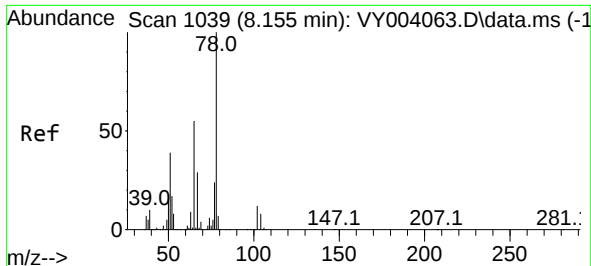
Ion Ratio Lower Upper

56 100

69 135.7 25.3 37.9#

84 115.9 67.3 100.9#

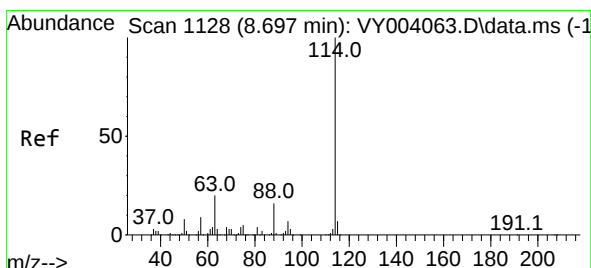
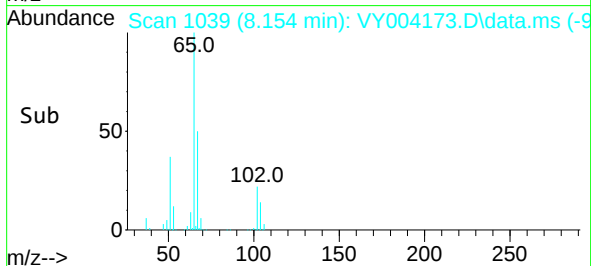
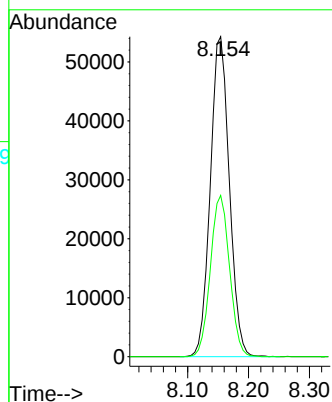
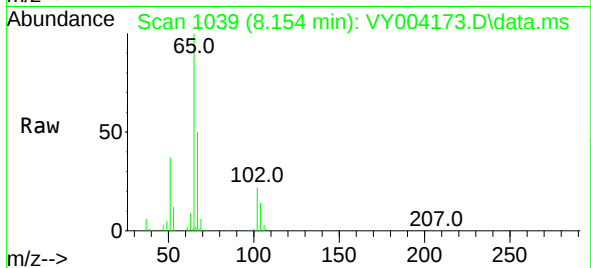




#33
1,2-Dichloroethane-d4
Concen: 57.88 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

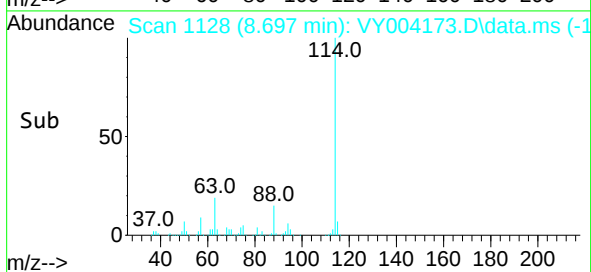
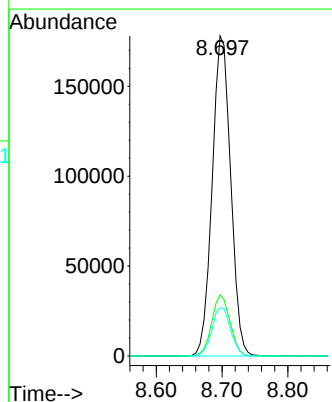
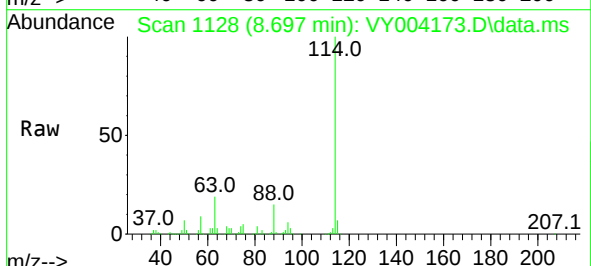
Instrument :
MSVOA_Y
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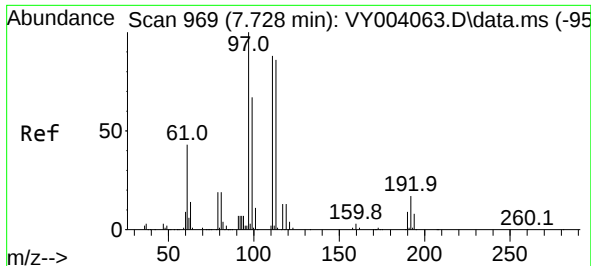
Tgt Ion: 65 Resp: 117715
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

Tgt Ion: 114 Resp: 348570
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.0 0.0 31.4

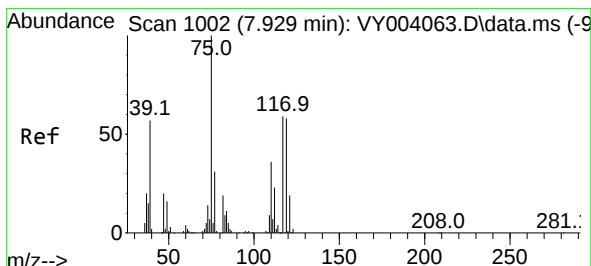
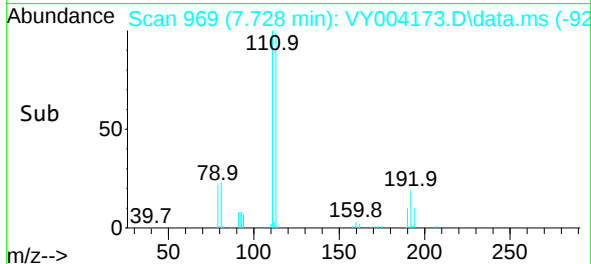
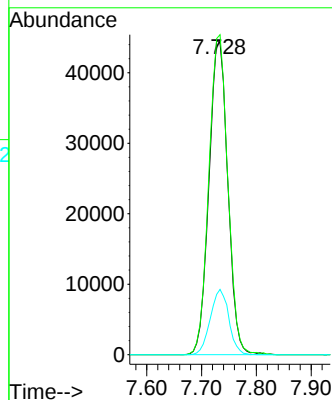
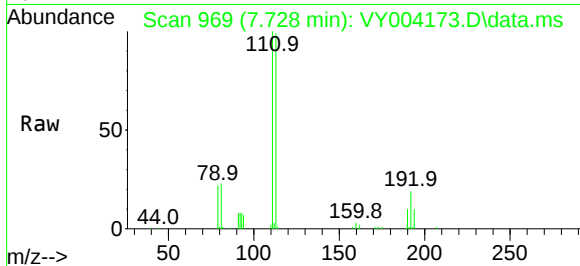




#35
Dibromofluoromethane
Concen: 54.00 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

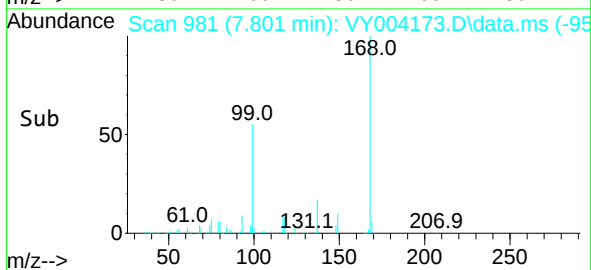
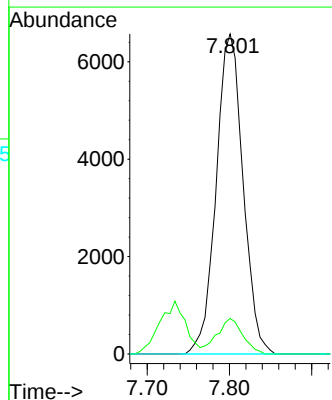
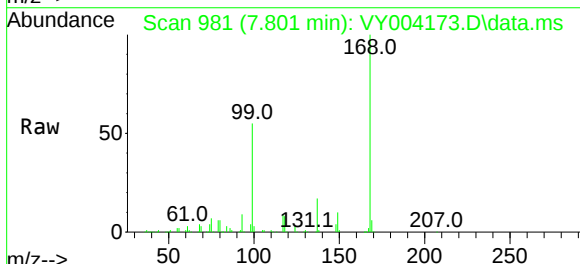
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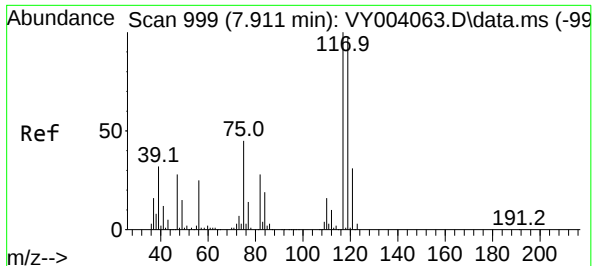
Tgt Ion:113 Resp: 106139
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 20.4 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

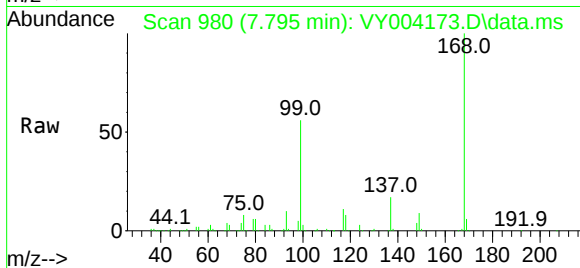
Tgt Ion: 75 Resp: 14909
Ion Ratio Lower Upper
75 100
110 10.7 17.4 52.3#
77 0.0 24.5 36.7#



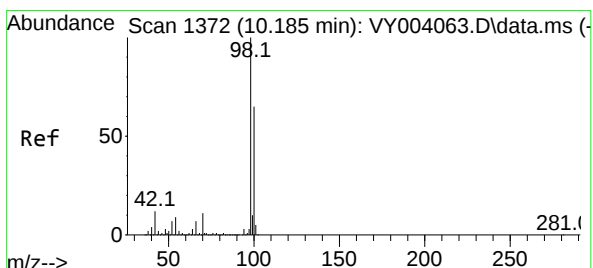
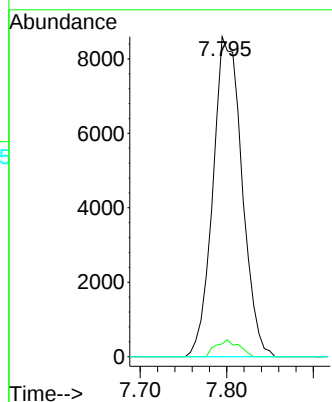
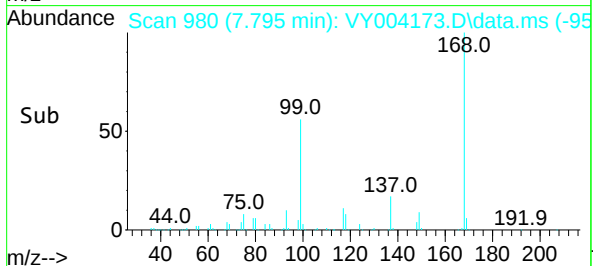


#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

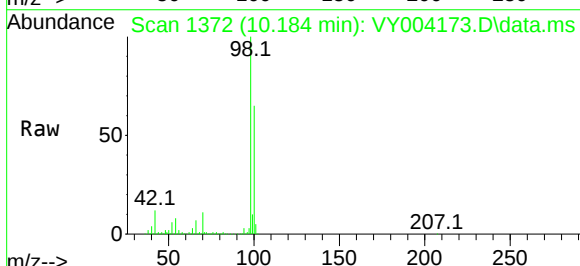
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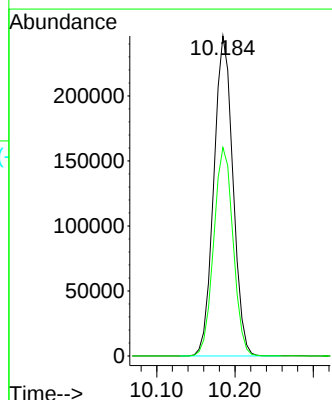
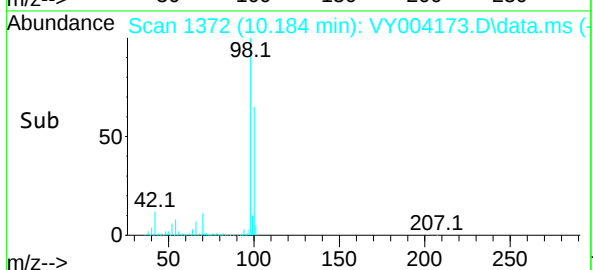
Tgt Ion:117 Resp: 20015
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.0#
121 0.0 24.2 36.2#

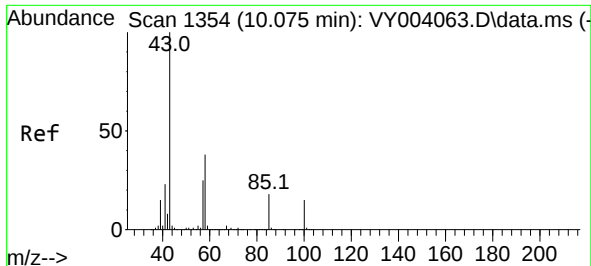


#50
Toluene-d8
Concen: 54.14 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.001 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02



Tgt Ion: 98 Resp: 417238
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6

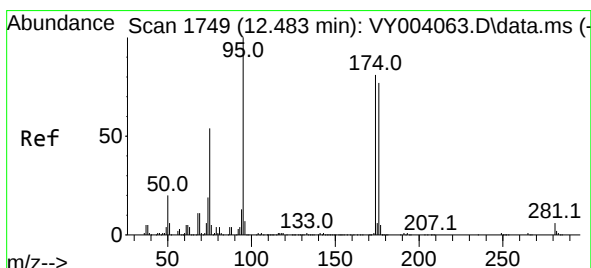
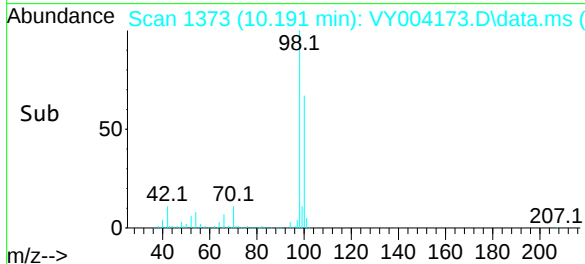
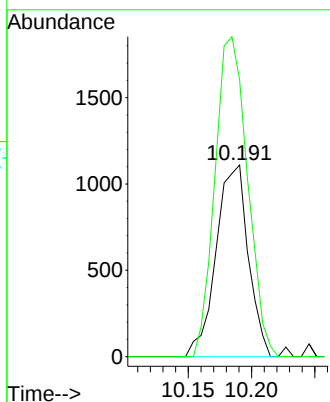
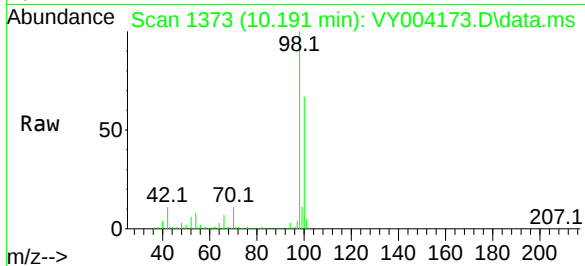




#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.116 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

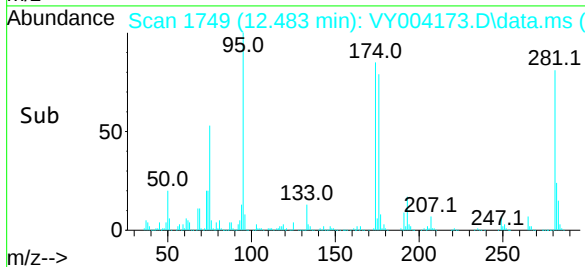
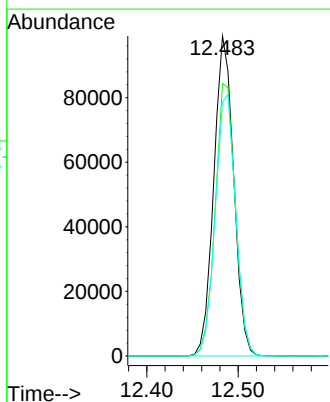
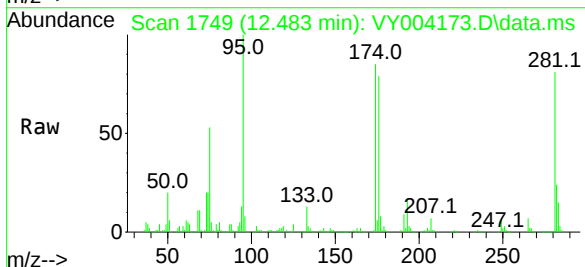
Instrument :
MSVOA_Y
ClientSampleId :
TT-41-RW6-IDWSO-20210322

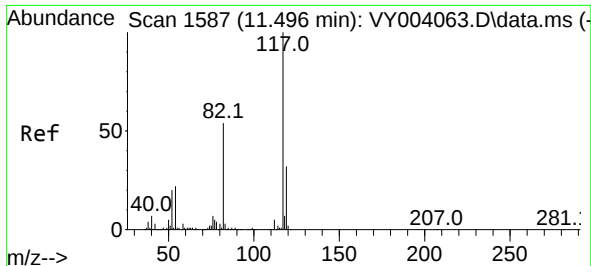
Tgt Ion: 43 Resp: 1959
Ion Ratio Lower Upper
43 100
58 168.9 29.8 44.8#



#62
4-Bromofluorobenzene
Concen: 52.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

Tgt Ion: 95 Resp: 149894
Ion Ratio Lower Upper
95 100
174 86.8 0.0 179.0
176 84.1 0.0 174.4

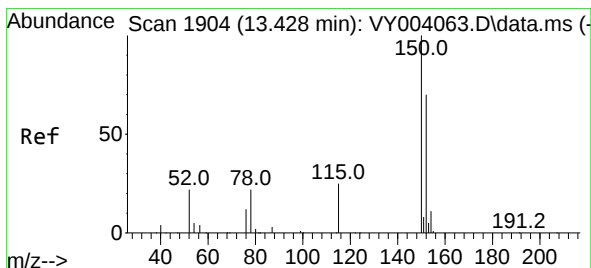
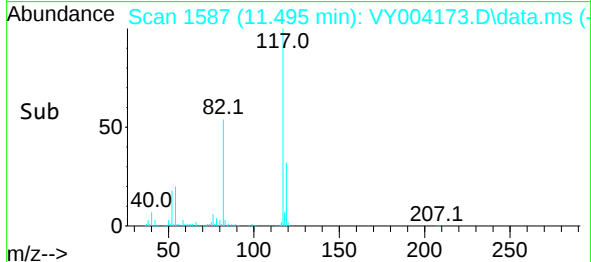
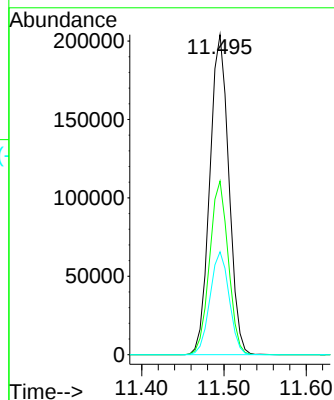
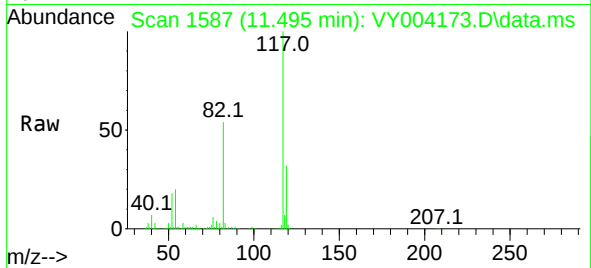




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

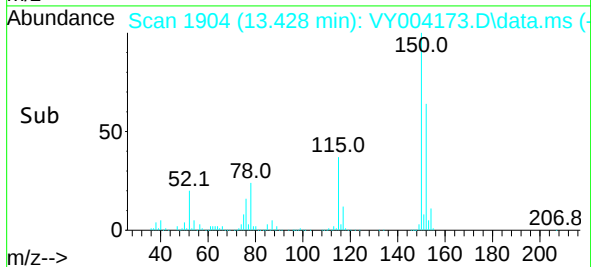
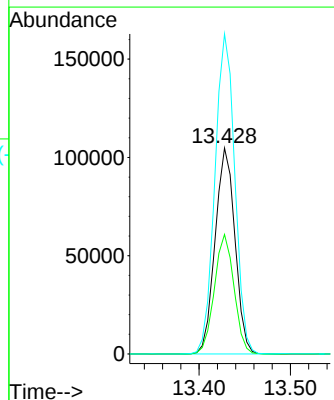
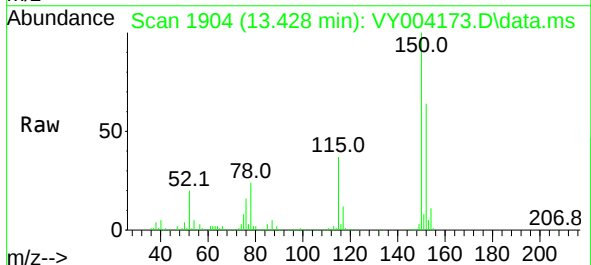
Instrument :
MSVOA_Y
ClientSampleId :
TT-41-RW6-IDWSO-20210322

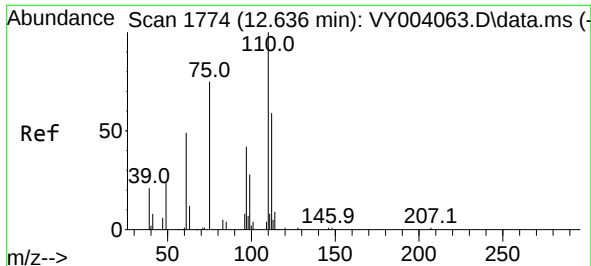
Tgt Ion:117 Resp: 327218
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.6
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

Tgt Ion:152 Resp: 158294
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.6
150 155.9 0.0 347.2

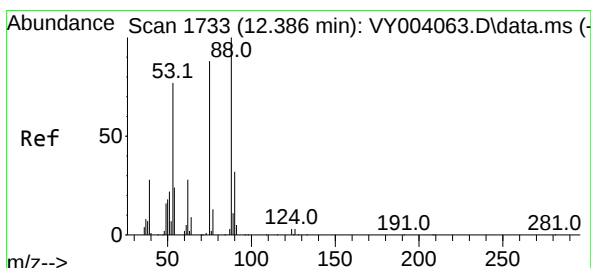
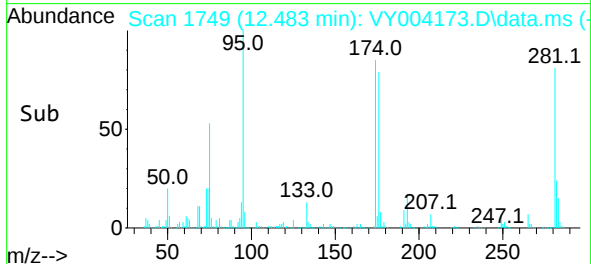
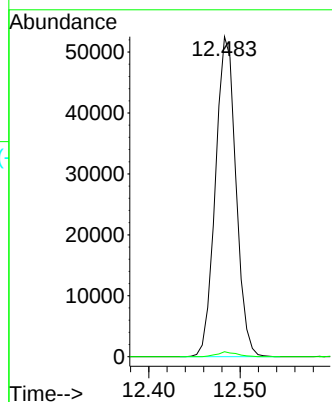
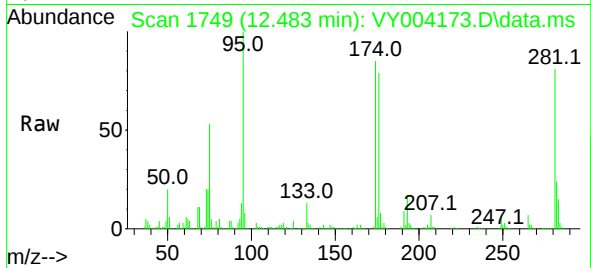




#76
1,2,3-Trichloropropane
Concen: 54.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

Instrument :
MSVOA_Y
ClientSampleId :
TT-41-RW6-IDWSO-20210322

Tgt Ion: 75 Resp: 81997
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004173.D
Acq: 23 Mar 2021 13:02

Tgt Ion: 75 Resp: 81997
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 2.0 35.7 53.5#

