

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007639.D
 Acq On : 25 Feb 2022 16:11
 Operator : SY/MD
 Sample : N1664-10
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Feb 27 23:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

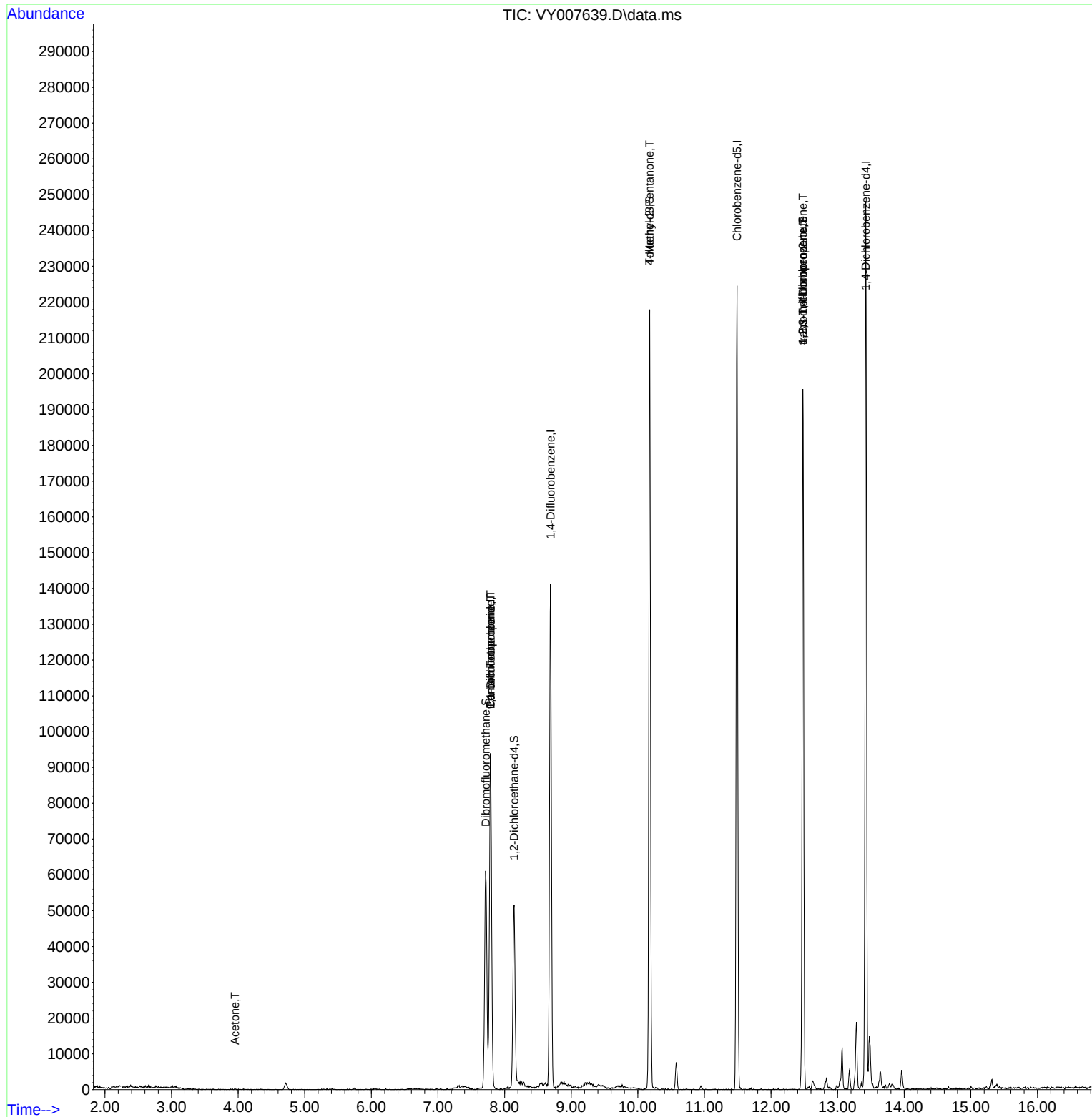
Internal Standards						
1) Pentafluorobenzene	7.789	168	71031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	121125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	40647	51.440	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 102.880%	
35) Dibromofluoromethane	7.716	113	38455	50.421	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 100.840%	
50) Toluene-d8	10.179	98	139138	49.361	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 98.720%	
62) 4-Bromofluorobenzene	12.477	95	52018	53.940	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 107.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	229	Below Cal	#	61
16) Acetone	3.954	43	237	1.317	ug/l #	47
20) Methylene Chloride	4.710	84	1388	Below Cal	#	54
31) Cyclohexane	7.795	56	1475	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	5186	4.719	ug/l #	53
38) Carbon Tetrachloride	7.789	117	7264	4.513	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	547	1.075	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	31135	51.016	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31135	109.692	ug/l #	7

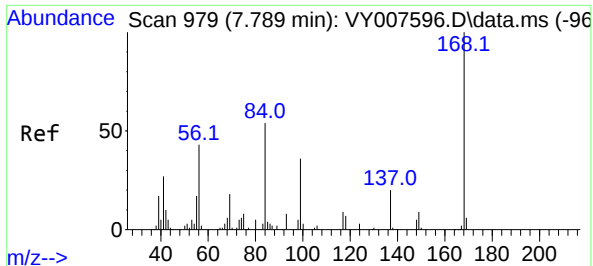
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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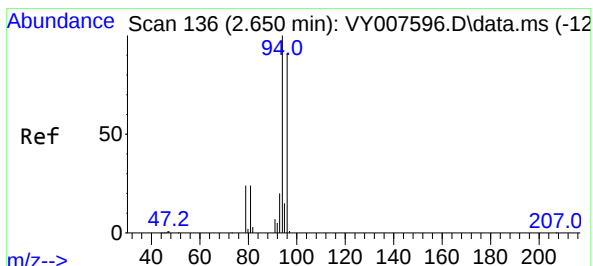
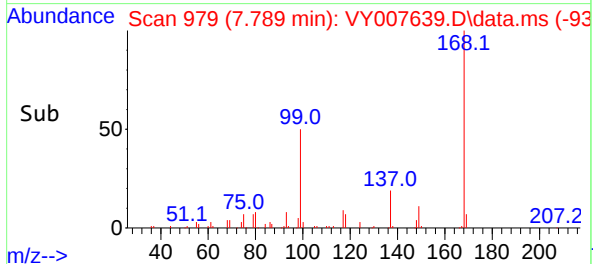
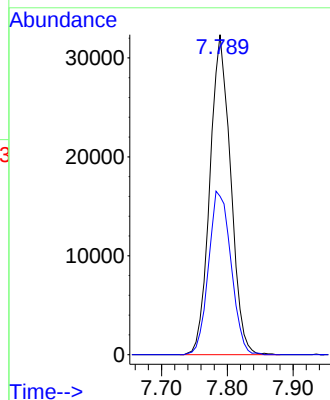
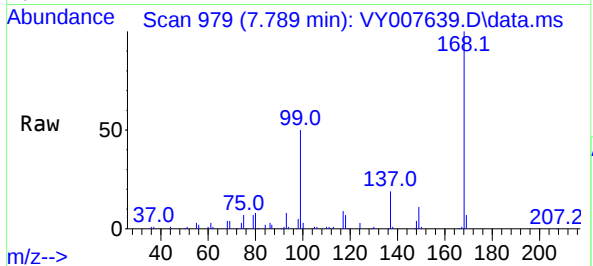




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

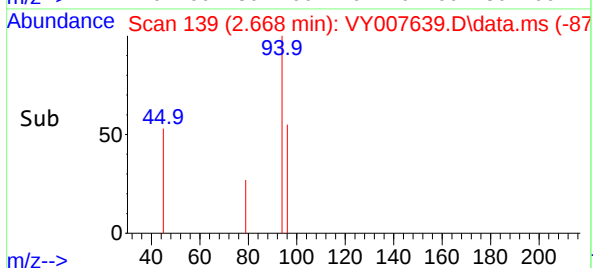
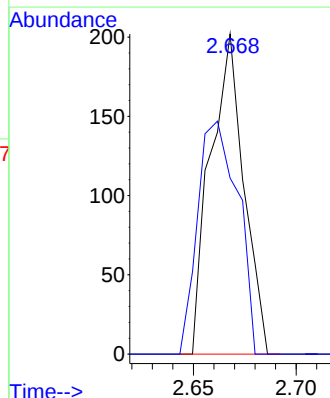
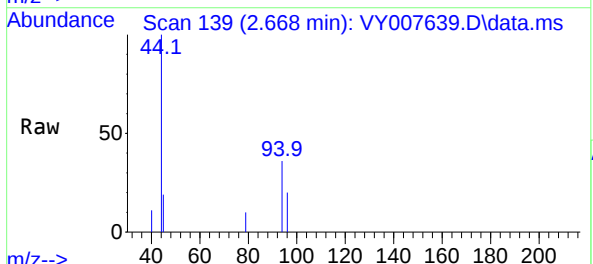
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

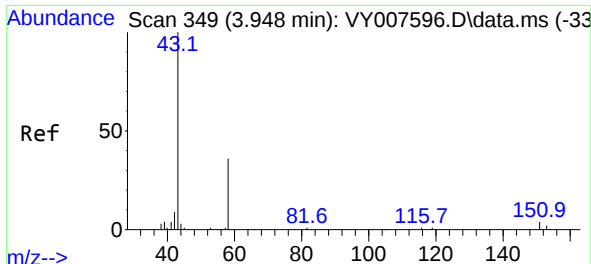
Tgt Ion:168 Resp: 71031
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 55.0 73.5 110.3#

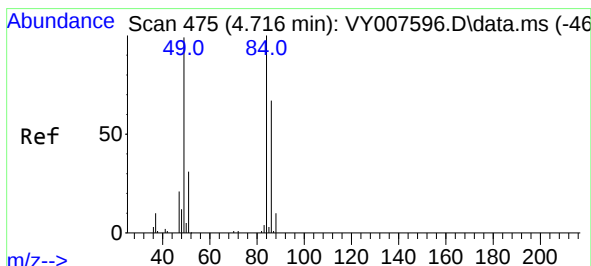
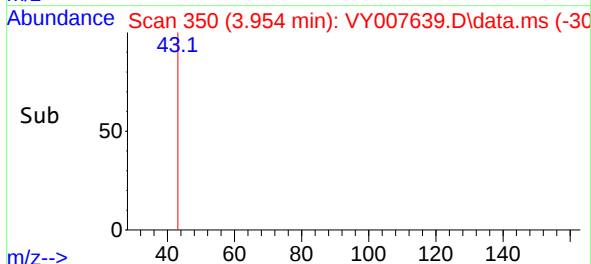
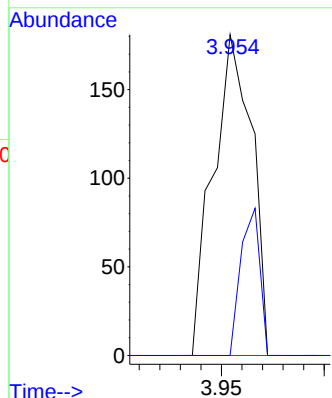
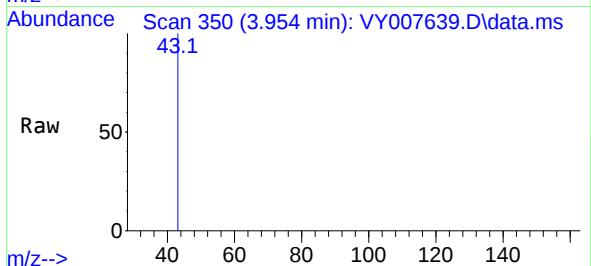




#16
Acetone
Concen: 1.317 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

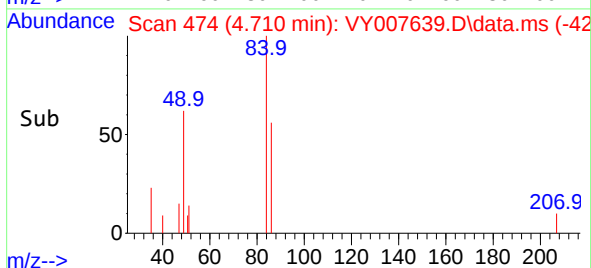
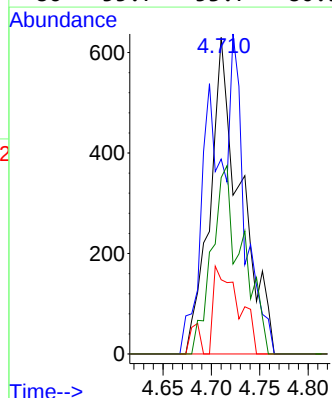
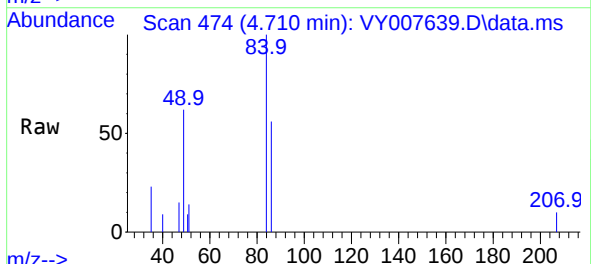
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

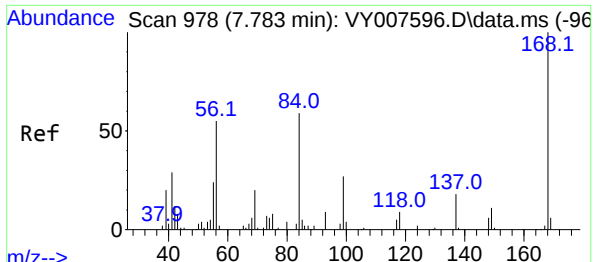
Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

Tgt Ion: 84 Resp: 1388
Ion Ratio Lower Upper
84 100
49 61.6 114.4 171.6#
51 23.5 35.3 52.9#
86 55.7 53.7 80.5

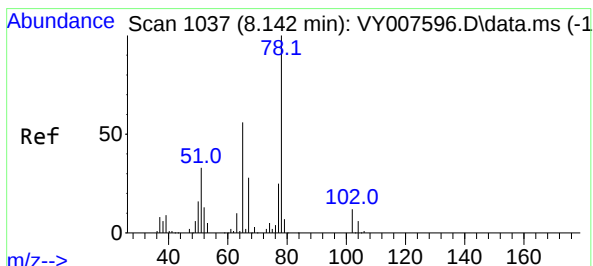
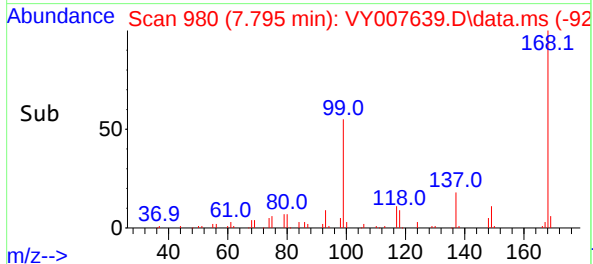
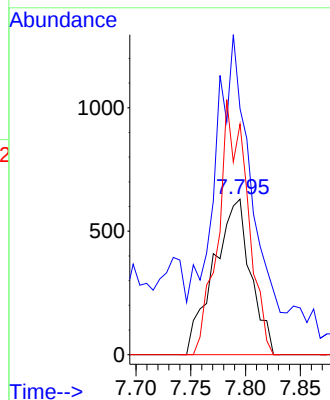
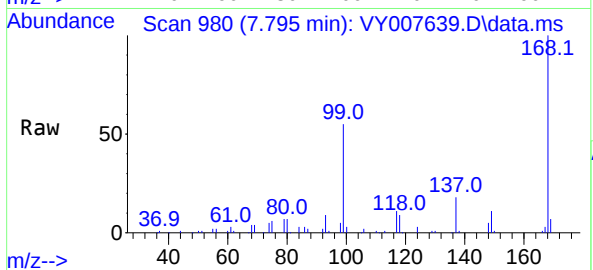




#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

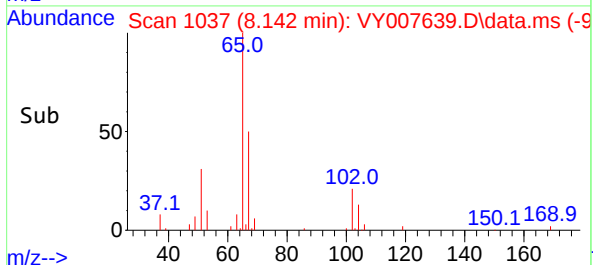
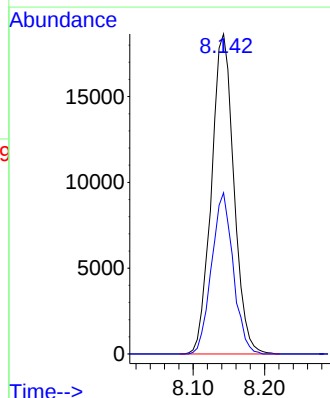
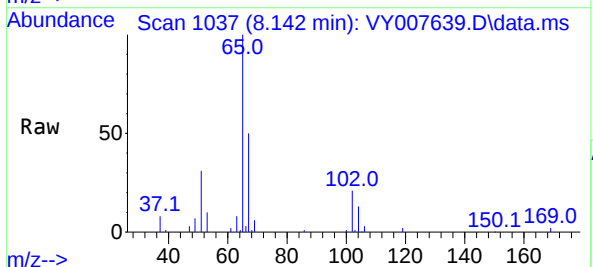
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

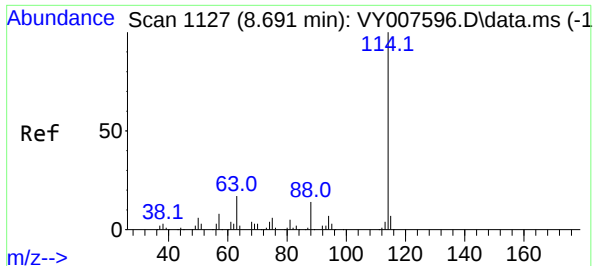
Tgt Ion: 56 Resp: 1475
Ion Ratio Lower Upper
56 100
69 131.0 26.7 40.1#
84 148.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.440 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

Tgt Ion: 65 Resp: 40647
Ion Ratio Lower Upper
65 100
67 48.4 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: VY007639.D

Acq: 25 Feb 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

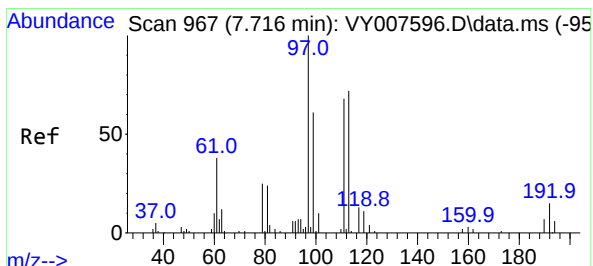
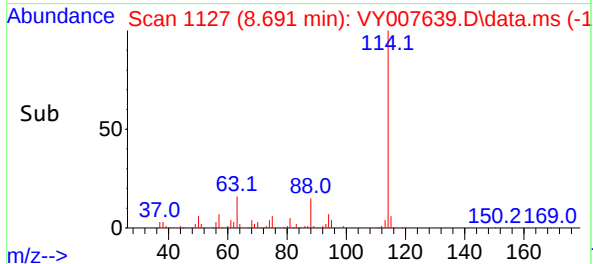
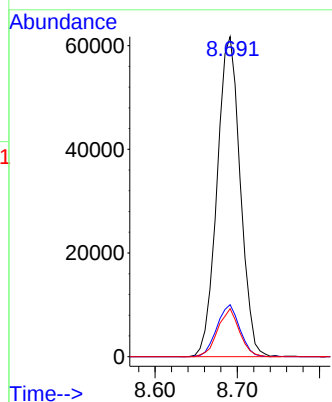
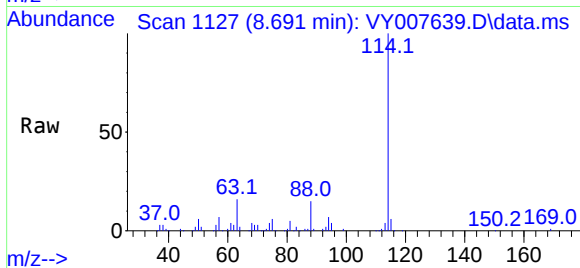
Tgt Ion:114 Resp: 120871

Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007639.D

Acq: 25 Feb 2022 16:11

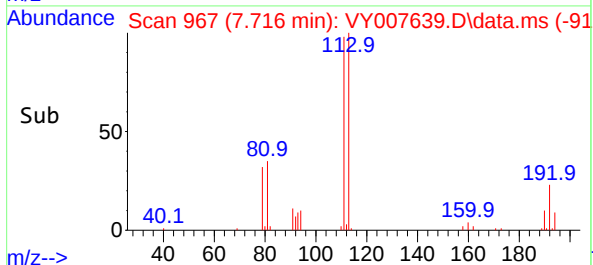
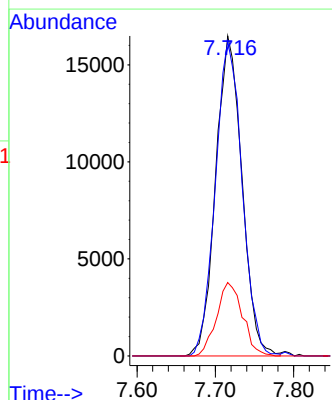
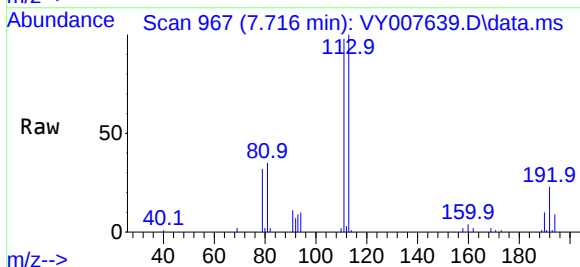
Tgt Ion:113 Resp: 38455

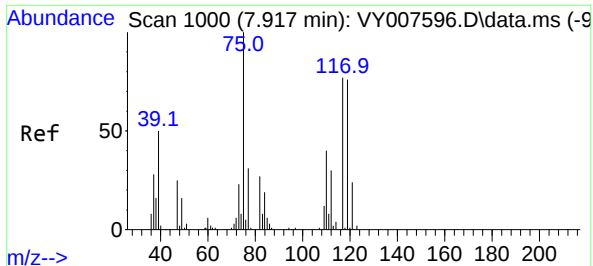
Ion Ratio Lower Upper

113 100

111 100.2 82.6 124.0

192 22.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.719 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007639.D

Acq: 25 Feb 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

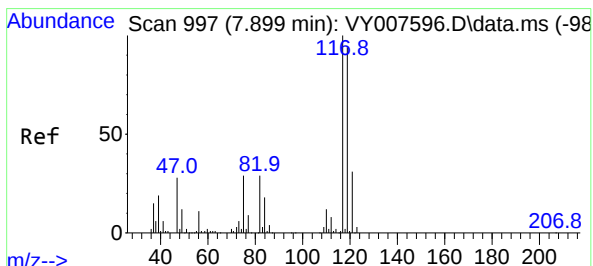
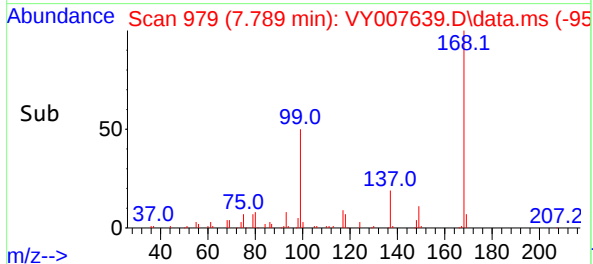
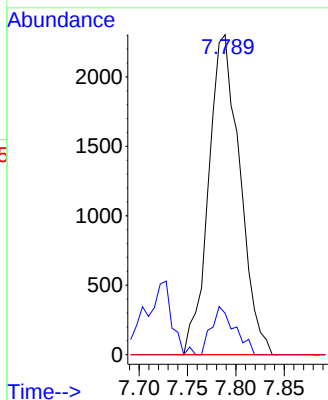
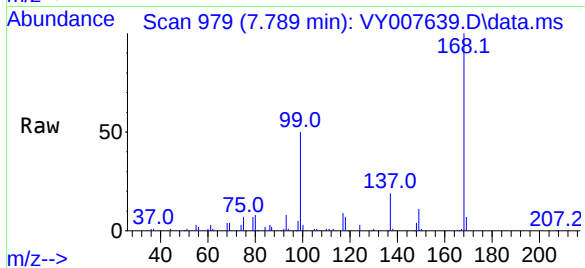
Tgt Ion: 75 Resp: 5186

Ion Ratio Lower Upper

75 100

110 11.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.513 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007639.D

Acq: 25 Feb 2022 16:11

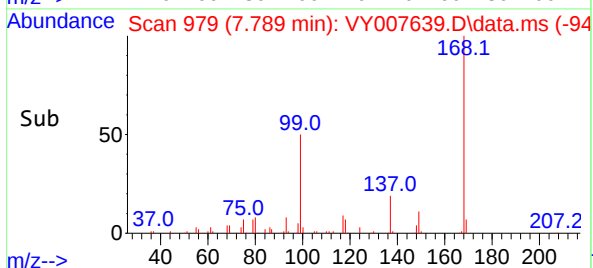
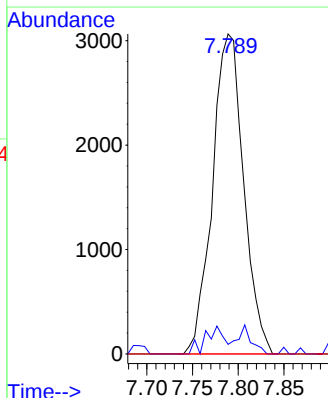
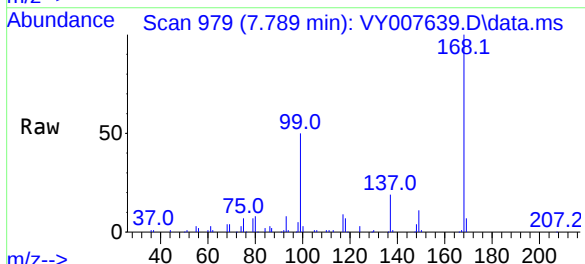
Tgt Ion: 117 Resp: 7264

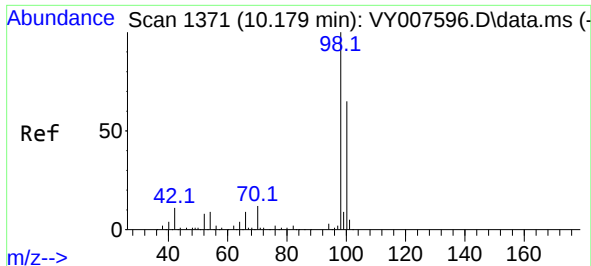
Ion Ratio Lower Upper

117 100

119 3.0 77.9 116.9#

121 0.0 24.8 37.2#

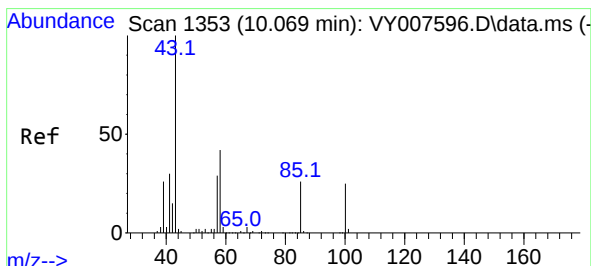
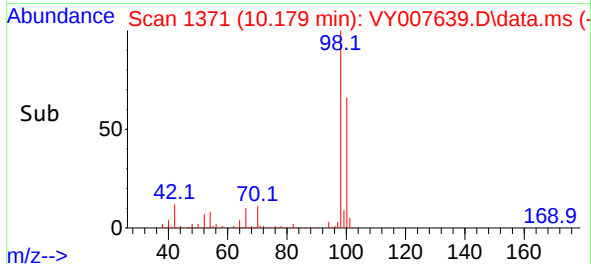
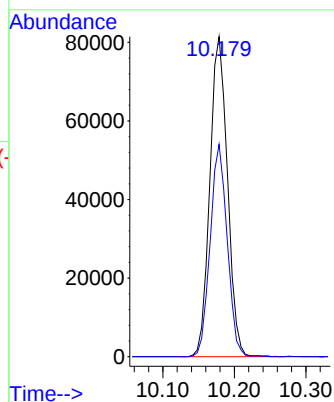
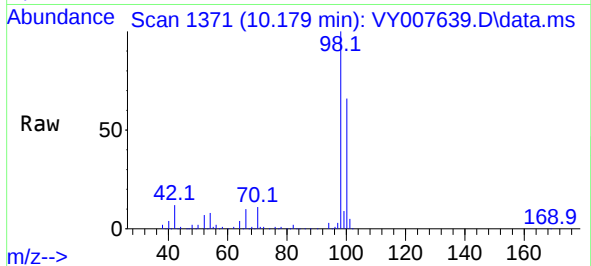




#50
Toluene-d8
Concen: 49.361 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

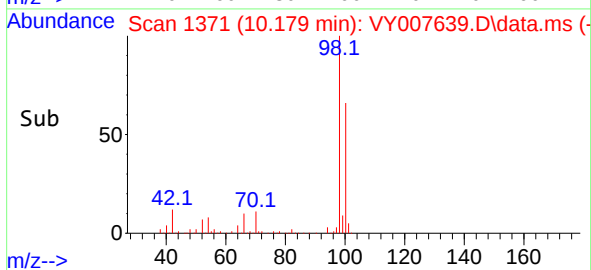
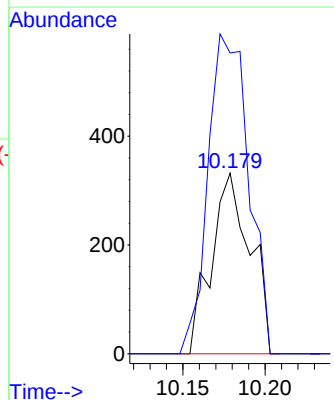
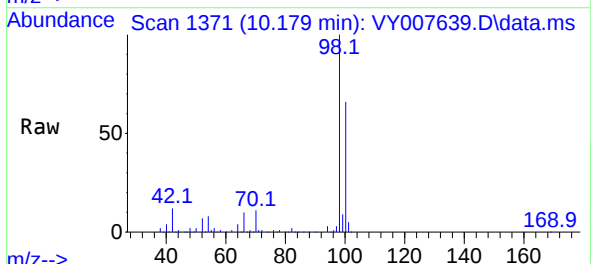
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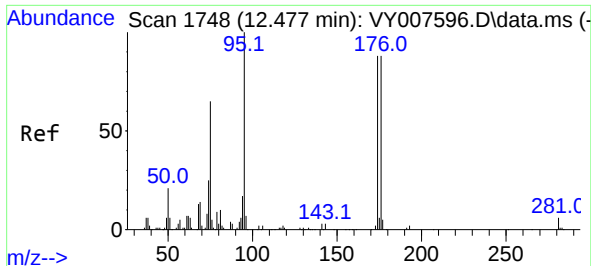
Tgt Ion: 98 Resp: 139138
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.075 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
58 184.5 28.1 42.1#

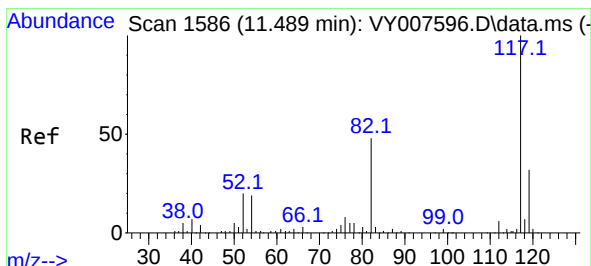
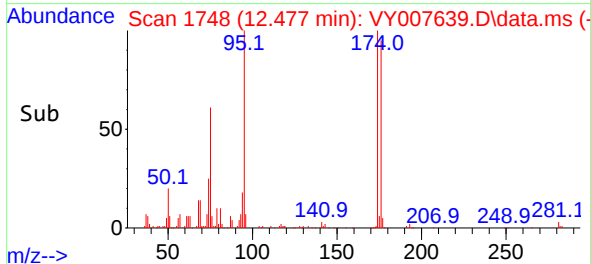
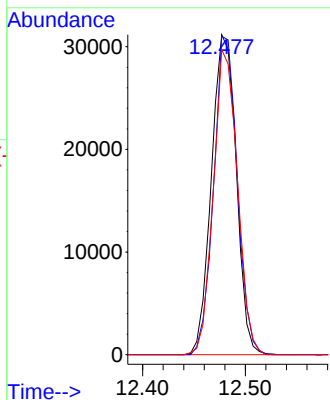
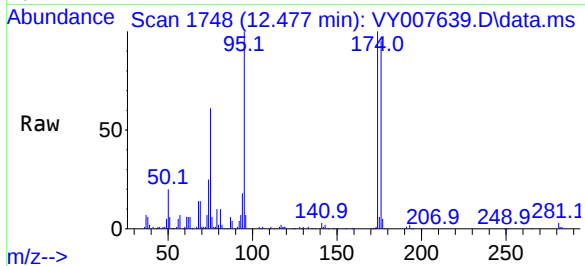




#62
4-Bromofluorobenzene
Concen: 53.940 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

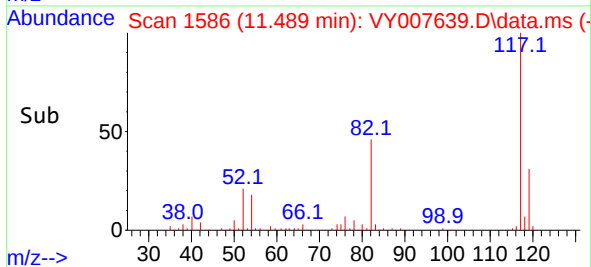
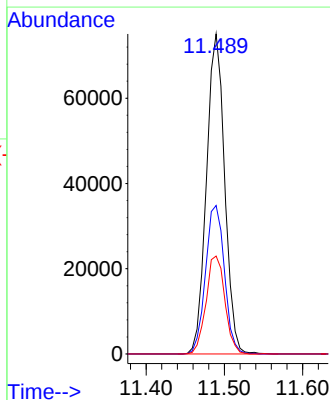
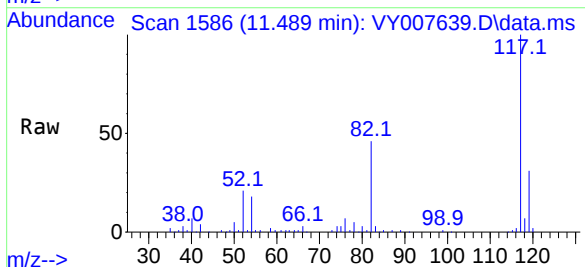
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

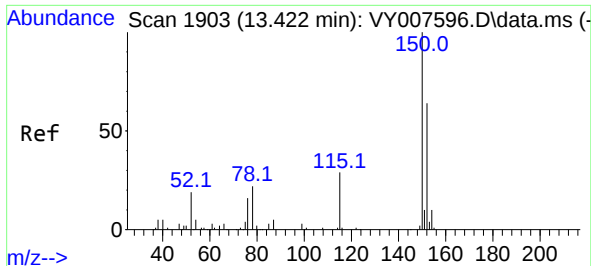
Tgt Ion:	95	Resp:	52018
Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	177.0
176	92.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

Tgt Ion:	117	Resp:	121125
Ion	Ratio	Lower	Upper
117	100		
82	46.4	43.0	64.4
119	30.6	25.4	38.0

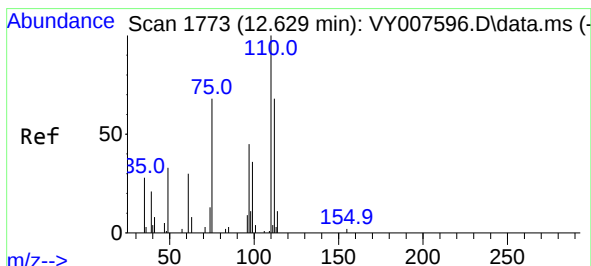
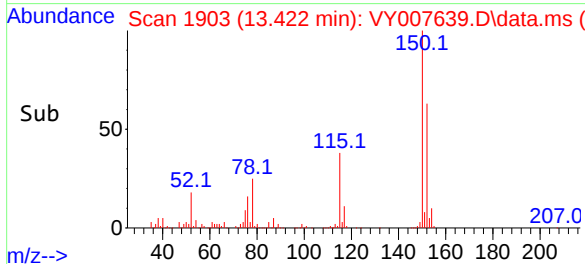
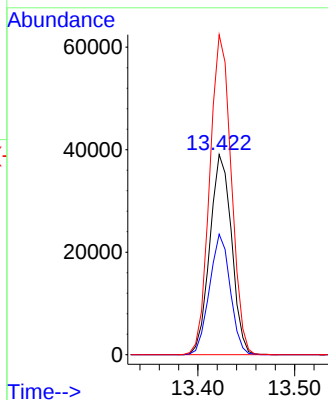
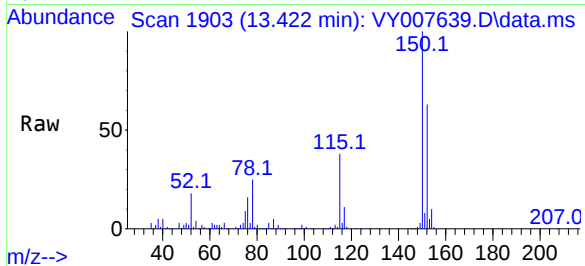




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

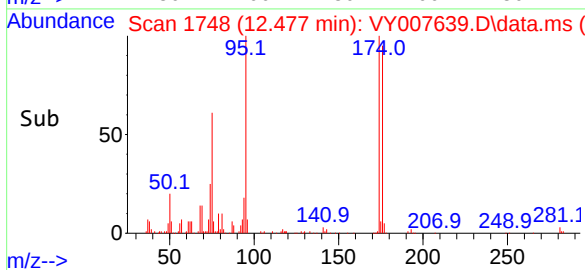
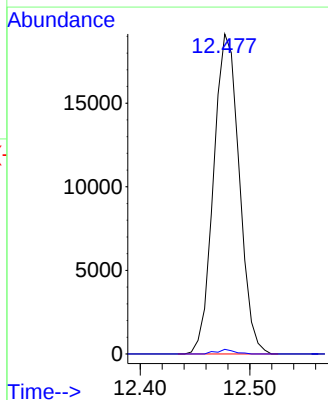
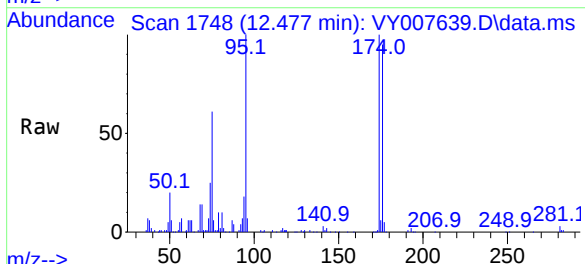
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

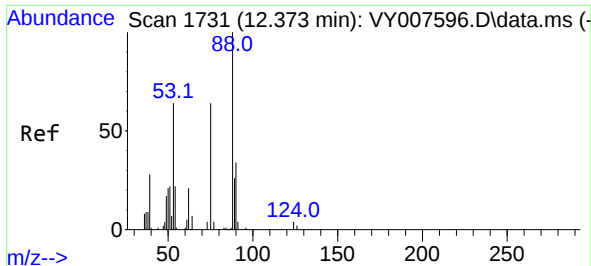
Tgt Ion:152 Resp: 61021
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 158.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.016 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

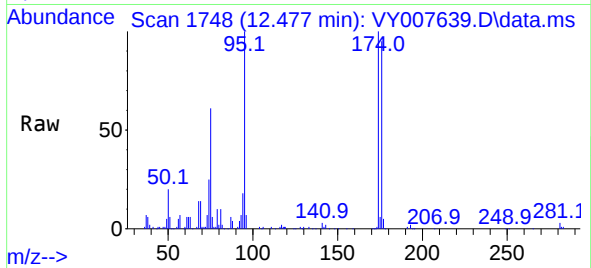
Tgt Ion: 75 Resp: 31135
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.692 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007639.D
 Acq: 25 Feb 2022 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4



Tgt Ion:	75	Resp:	31135
Ion	Ratio	Lower	Upper
75	100		
53	0.2	85.3	127.9#
89	0.0	37.0	55.4#

