

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008787.D
 Acq On : 17 May 2022 21:28
 Operator : KP/MD
 Sample : N2858-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 07:58:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

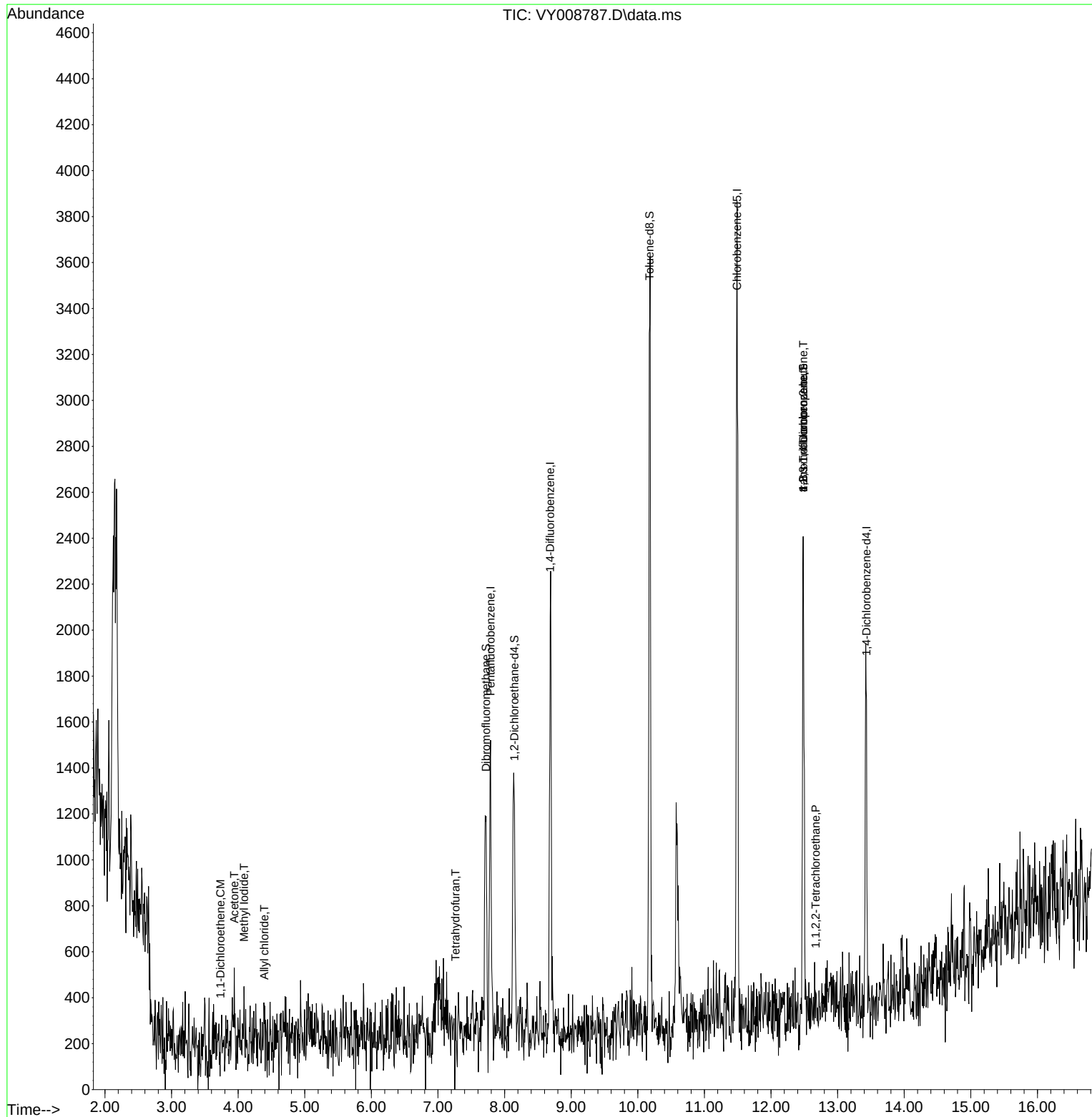
Internal Standards						
1) Pentafluorobenzene	7.789	168	1330	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	2195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1105	89.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.120%#	
35) Dibromofluoromethane	7.722	113	867	67.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 135.200%	
50) Toluene-d8	10.179	98	2373	42.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.320%	
62) 4-Bromofluorobenzene	12.483	95	570	29.551	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 59.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	52	Below Cal	#	44
10) Methyl Iodide	4.088	142	102	7.403	ug/l #	35
12) 1,1-Dichloroethene	3.735	96	62	5.494	ug/l #	1
14) Allyl chloride	4.393	41	45	2.711	ug/l #	68
16) Acetone	3.942	43	337	107.095	ug/l #	47
18) Methyl Acetate	4.704	43	25	Below Cal	#	56
29) Tetrahydrofuran	7.265	42	19	5.508	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	12.672	83	24	2.572	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	351	49.650	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	351	108.599	ug/l #	7

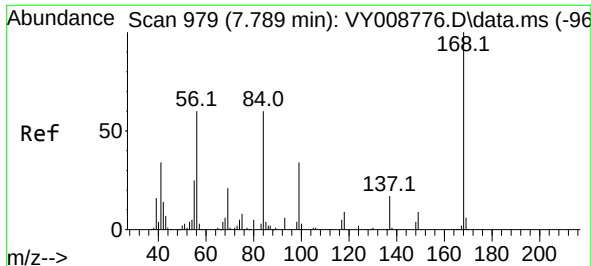
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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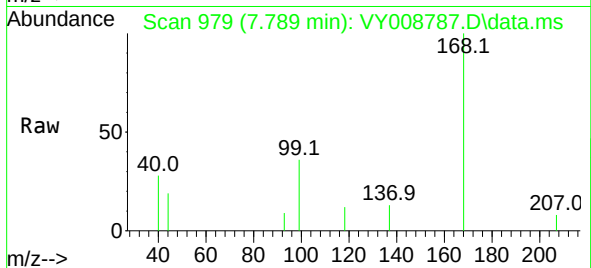
Quant Time: May 18 07:58:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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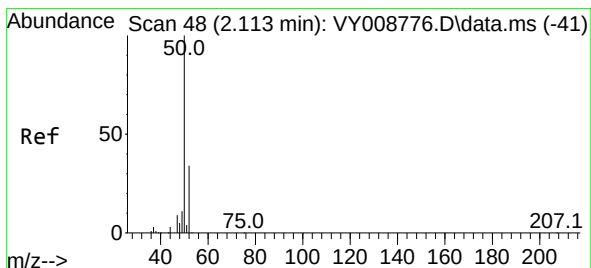
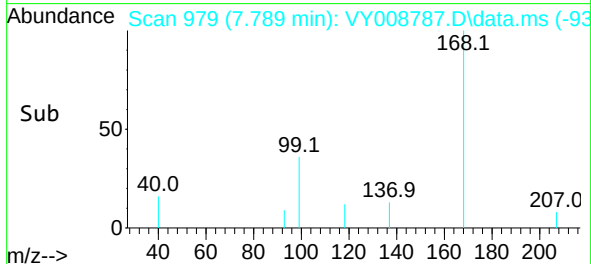
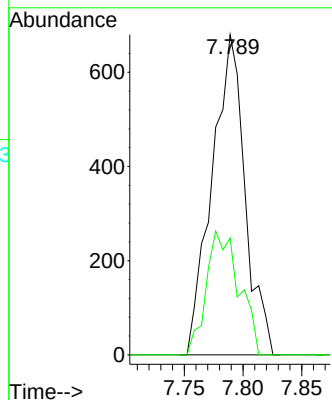


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Instrument :
MSVOA_Y
ClientSampleId :

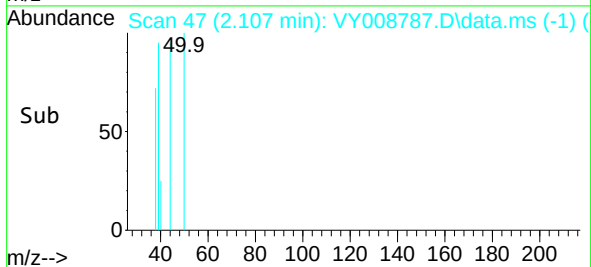
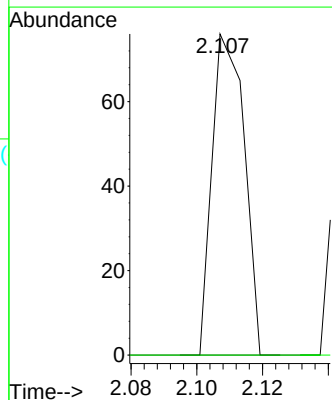
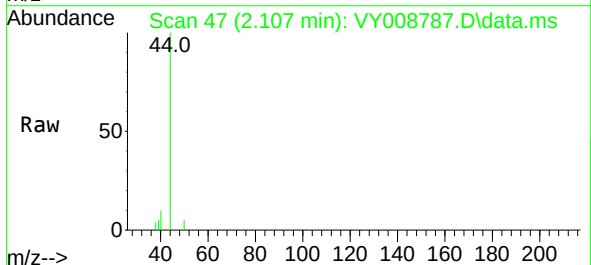


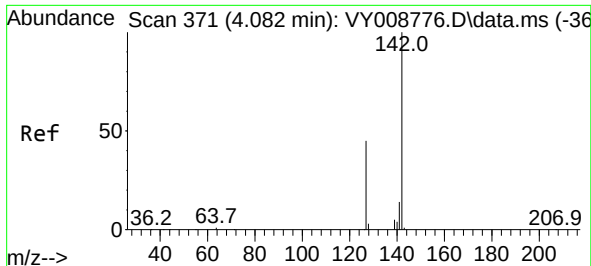
Tgt Ion:168 Resp: 1330
Ion Ratio Lower Upper
168 100
99 36.5 46.9 70.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

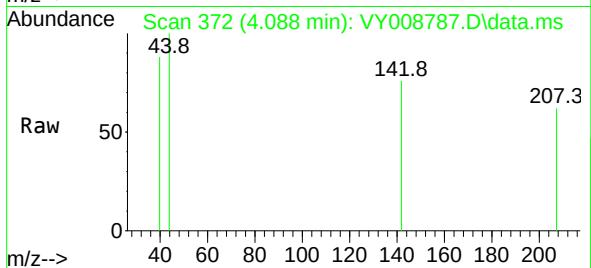
Tgt Ion: 50 Resp: 52
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



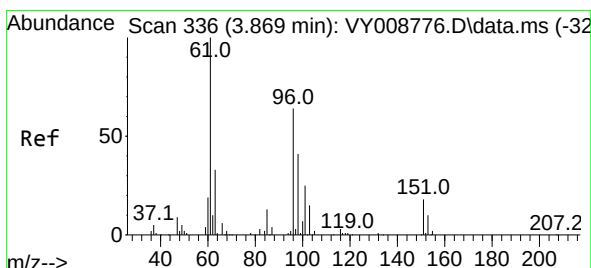
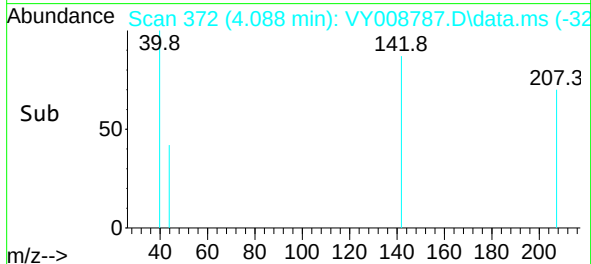
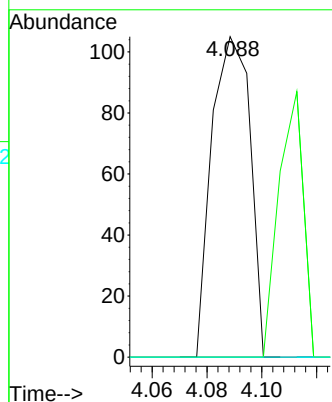


#10
Methyl Iodide
Concen: 7.403 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Instrument :
MSVOA_Y
ClientSampleId :

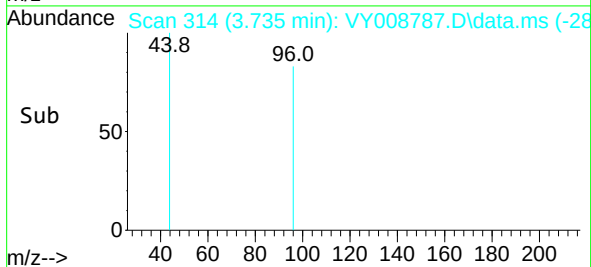
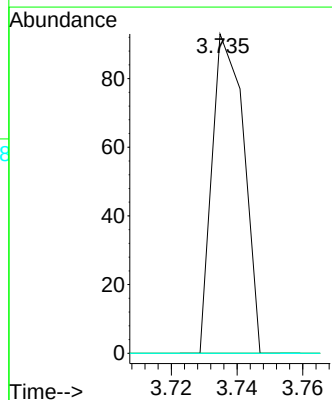
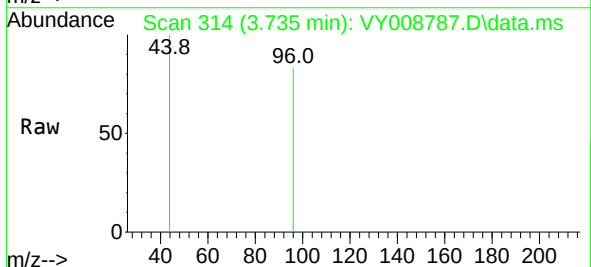


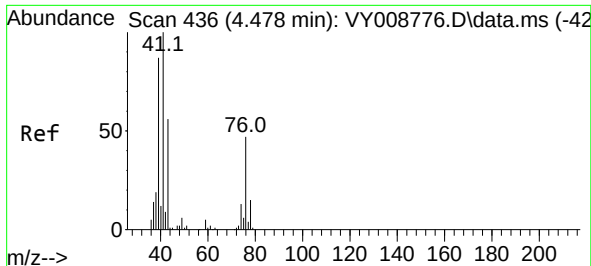
Tgt Ion:142 Resp: 102
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



#12
1,1-Dichloroethene
Concen: 5.494 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.134 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

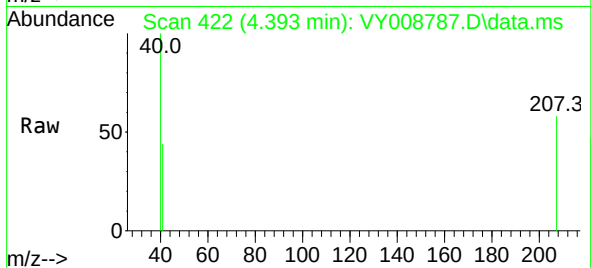
Tgt Ion: 96 Resp: 62
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#



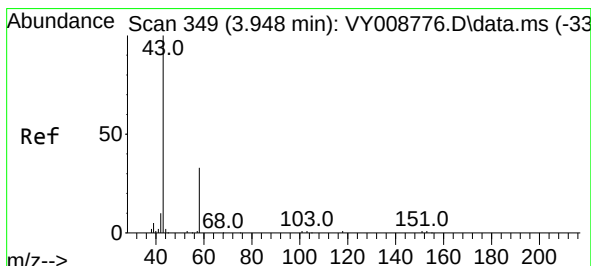
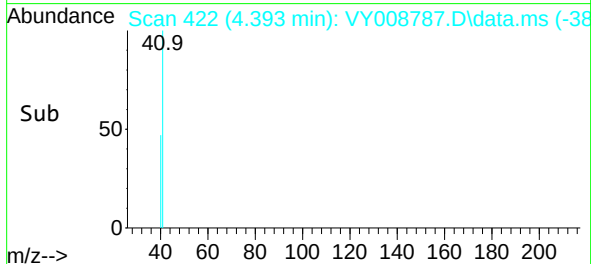
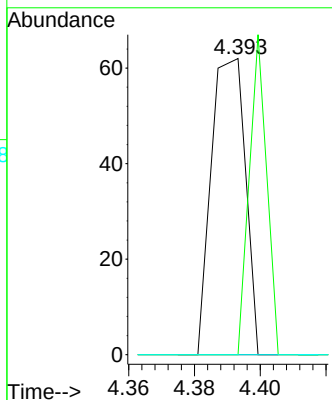


#14
 Allyl chloride
 Concen: 2.711 ug/l
 RT: 4.393 min Scan# 41
 Delta R.T. -0.085 min
 Lab File: VY008787.D
 Acq: 17 May 2022 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :

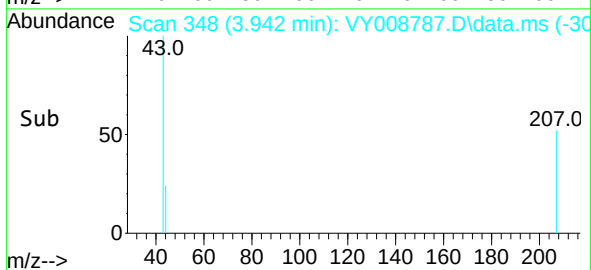
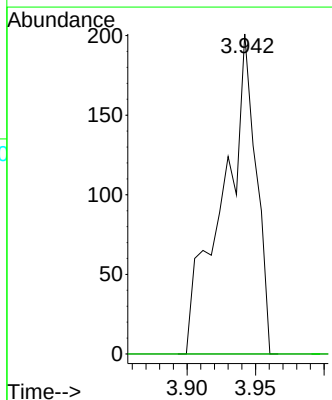
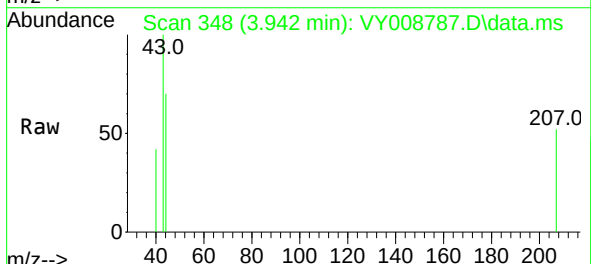


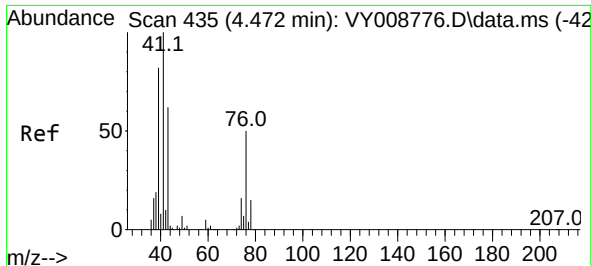
Tgt Ion: 41 Resp: 45
 Ion Ratio Lower Upper
 41 100
 39 55.6 58.8 88.2#
 76 0.0 25.1 37.7#



#16
 Acetone
 Concen: 107.095 ug/l
 RT: 3.942 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VY008787.D
 Acq: 17 May 2022 21:28

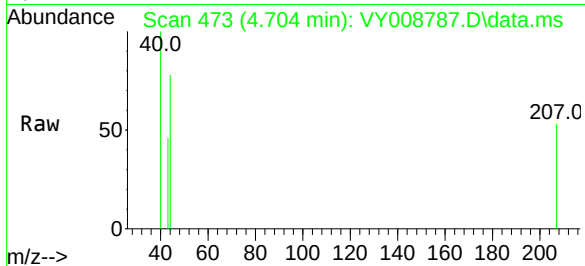
Tgt Ion: 43 Resp: 337
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.0 33.0#



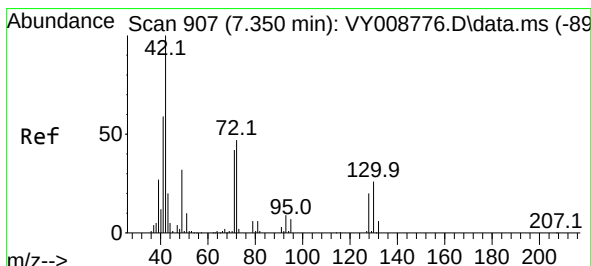
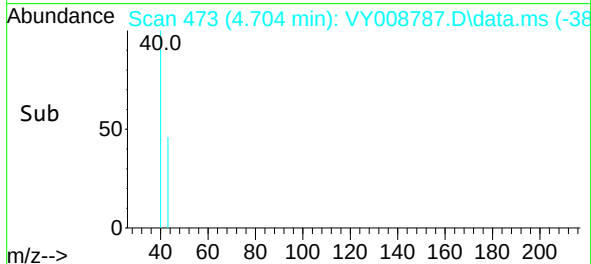
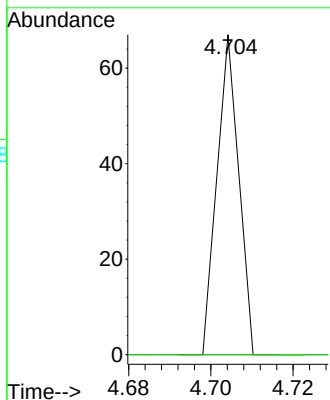


#18
Methyl Acetate
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.232 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Instrument :
MSVOA_Y
ClientSampleId :

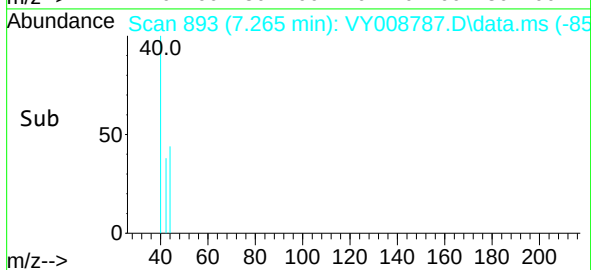
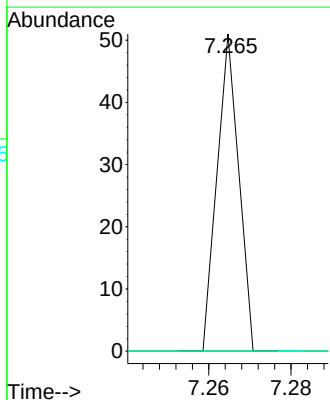
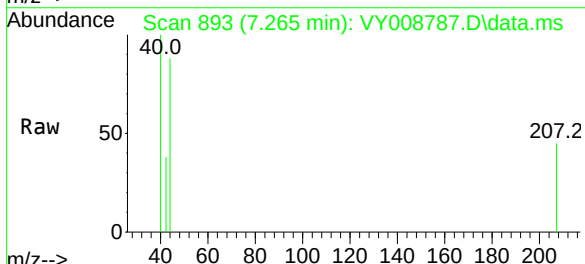


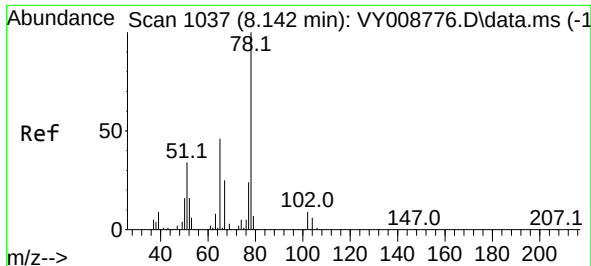
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#29
Tetrahydrofuran
Concen: 5.508 ug/l
RT: 7.265 min Scan# 893
Delta R.T. -0.085 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#





#33

1,2-Dichloroethane-d4

Concen: 89.557 ug/l

RT: 8.149 min Scan# 1105

Delta R.T. 0.006 min

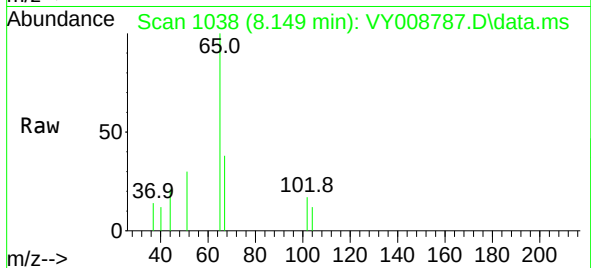
Lab File: VY008787.D

Acq: 17 May 2022 21:28

Instrument :

MSVOA_Y

ClientSampleId :

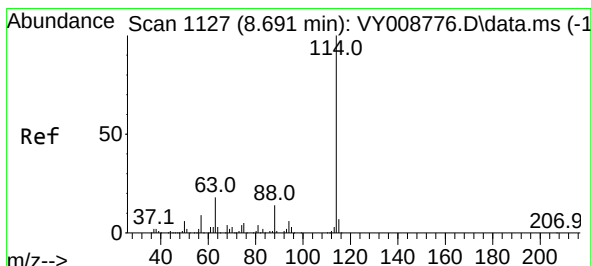
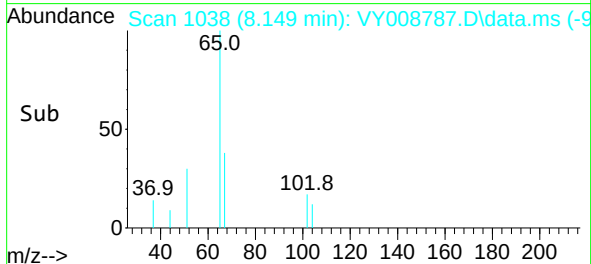
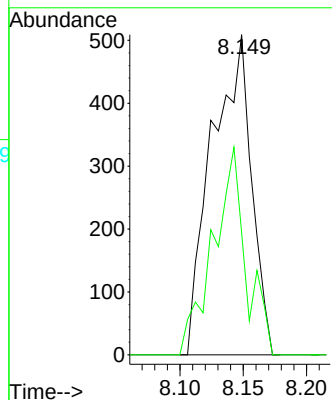


Tgt Ion: 65 Resp: 1105

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008787.D

Acq: 17 May 2022 21:28

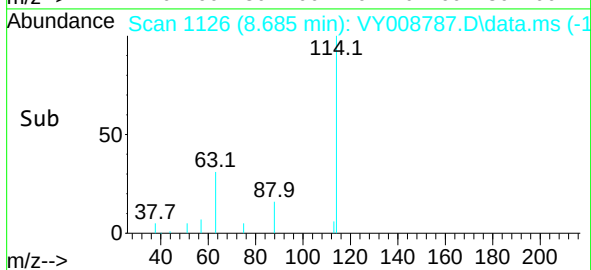
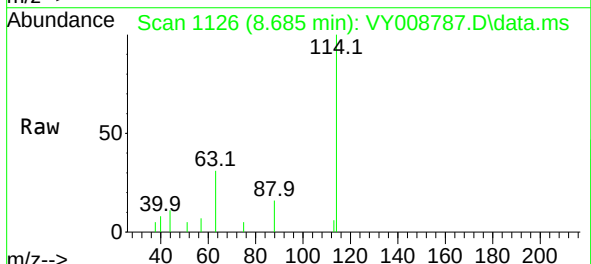
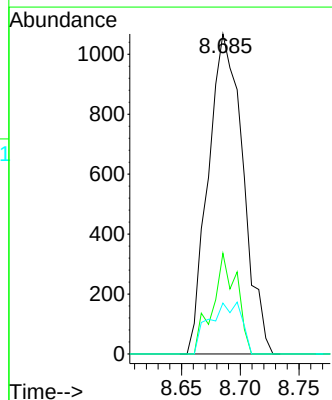
Tgt Ion: 114 Resp: 2195

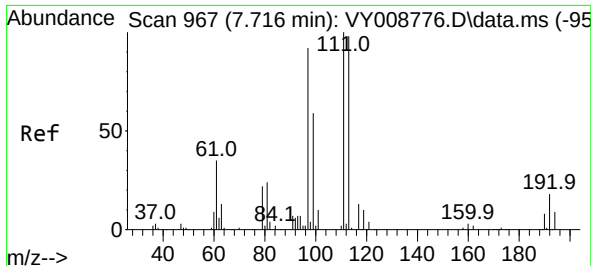
Ion Ratio Lower Upper

114 100

63 31.5 0.0 43.2

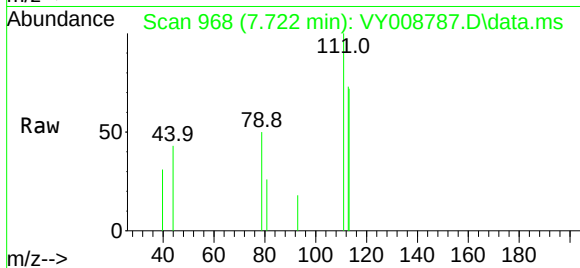
88 15.9 0.0 31.8



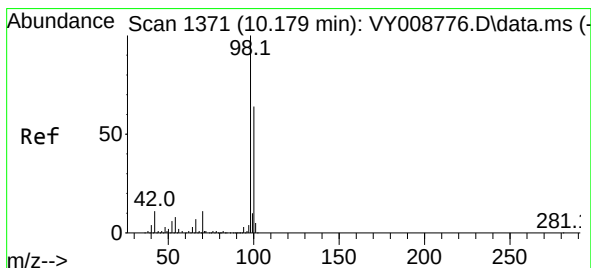
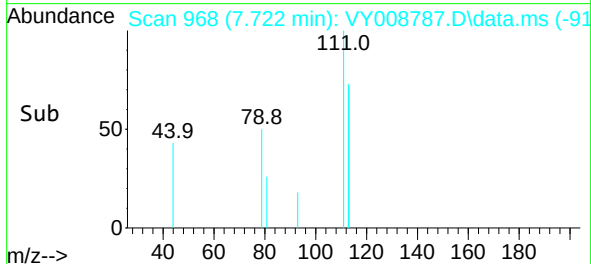
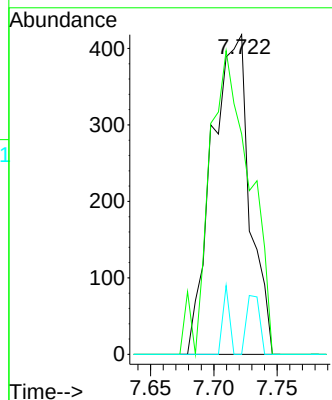


#35
Dibromofluoromethane
Concen: 67.603 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Instrument :
MSVOA_Y
ClientSampleId :

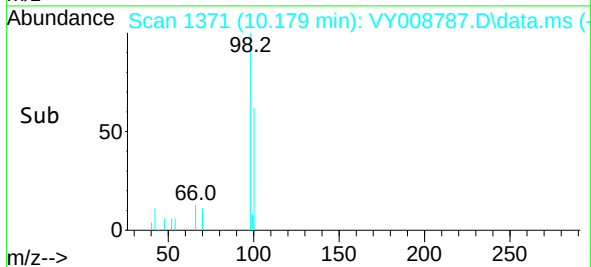
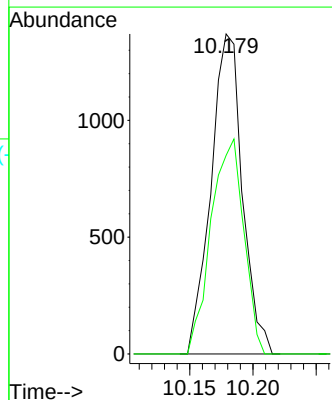
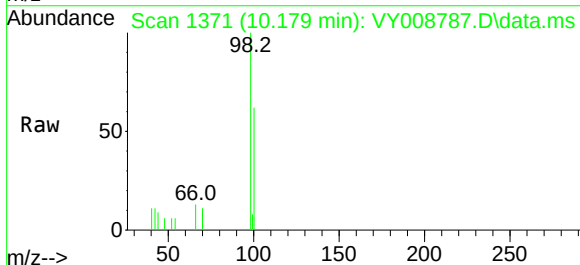


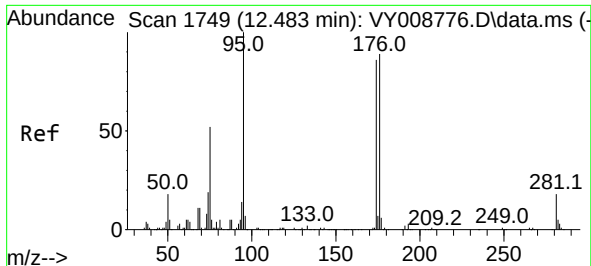
Tgt Ion:113 Resp: 867
Ion Ratio Lower Upper
113 100
111 0.0 82.6 124.0#
192 6.5 17.6 26.4#



#50
Toluene-d8
Concen: 42.158 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Tgt Ion: 98 Resp: 2373
Ion Ratio Lower Upper
98 100
100 69.7 50.2 75.2

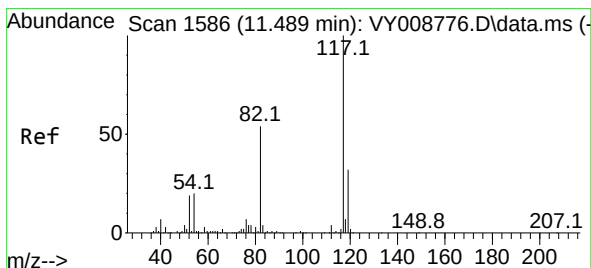
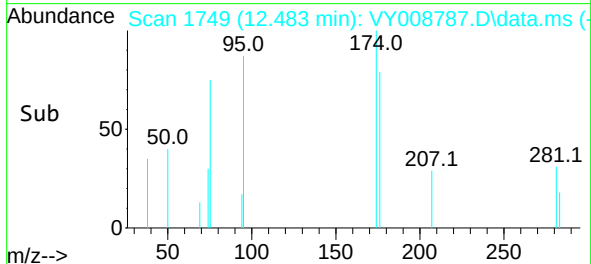
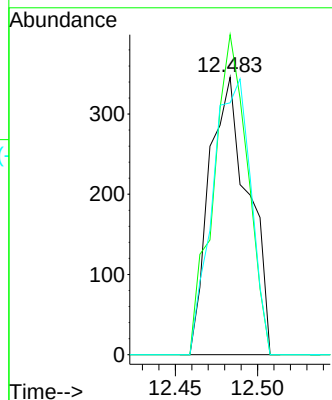
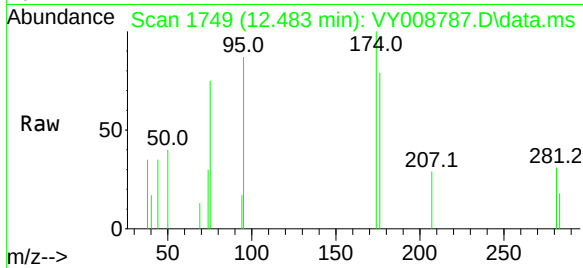




#62
4-Bromofluorobenzene
Concen: 29.551 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

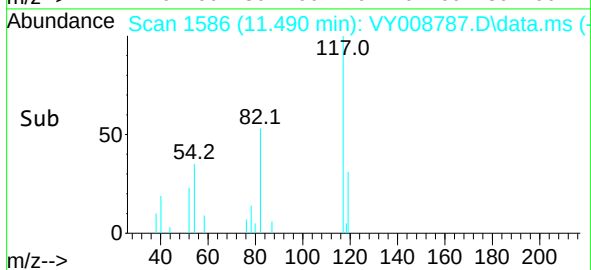
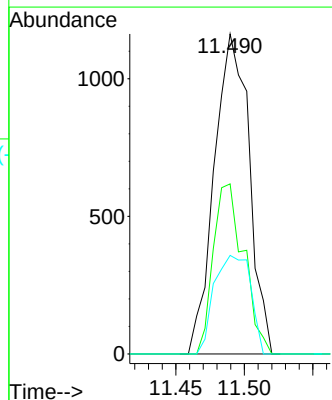
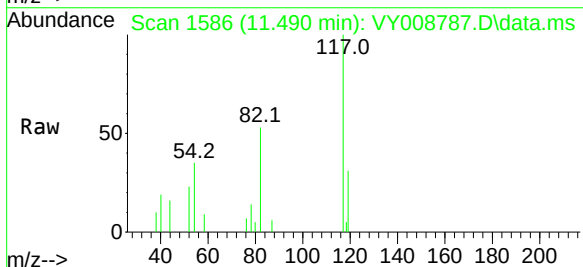
Instrument :
MSVOA_Y
ClientSampleId :

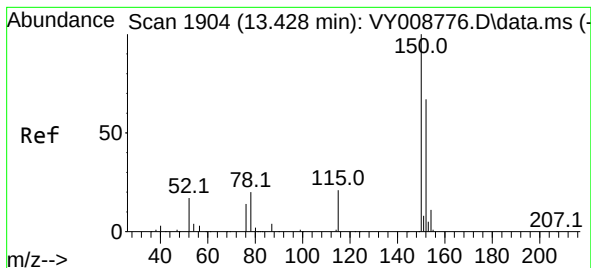
Tgt Ion: 95 Resp: 570
Ion Ratio Lower Upper
95 100
174 101.6 0.0 177.0
176 97.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Tgt Ion: 117 Resp: 2057
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 30.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

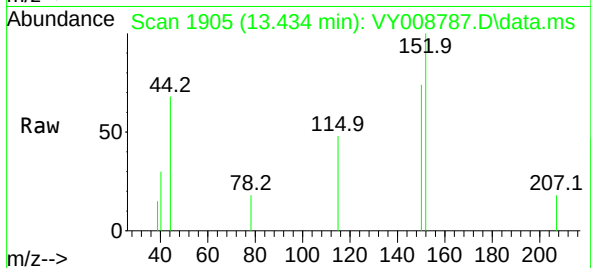
Lab File: VY008787.D

Acq: 17 May 2022 21:28

Instrument :

MSVOA_Y

ClientSampleId :



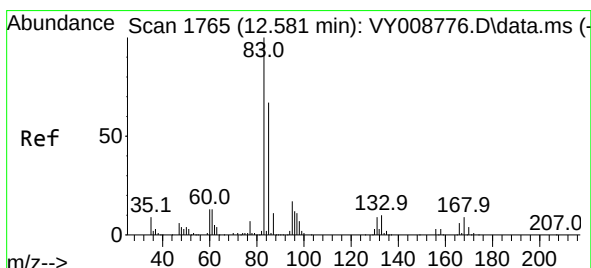
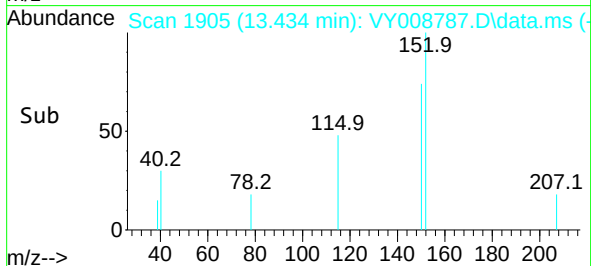
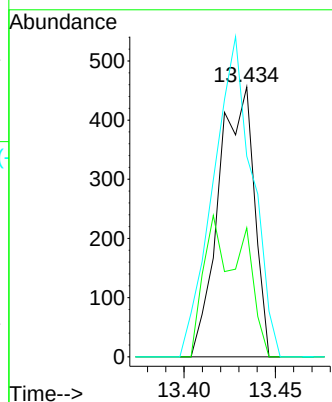
Tgt Ion:152 Resp: 612

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 131.5 0.0 347.6



#75

1,1,2,2-Tetrachloroethane

Concen: 2.572 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.092 min

Lab File: VY008787.D

Acq: 17 May 2022 21:28

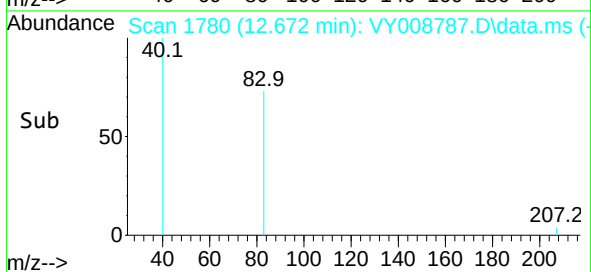
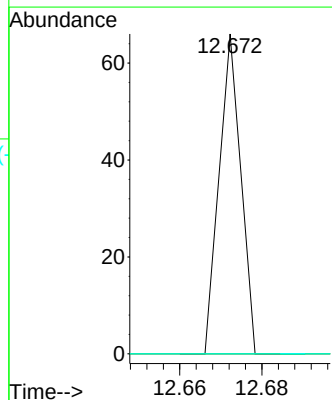
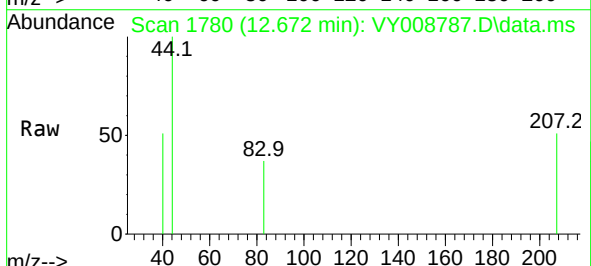
Tgt Ion: 83 Resp: 24

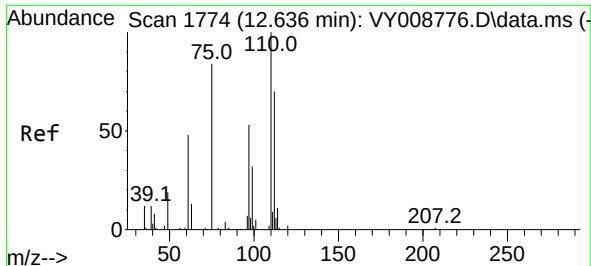
Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 0.0 32.3 96.8#

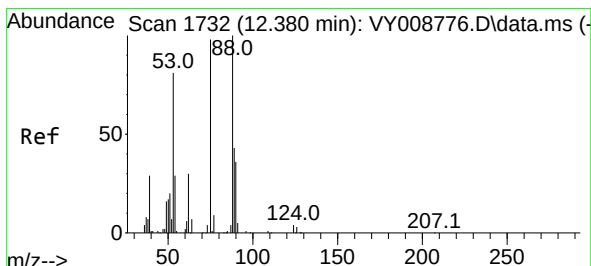
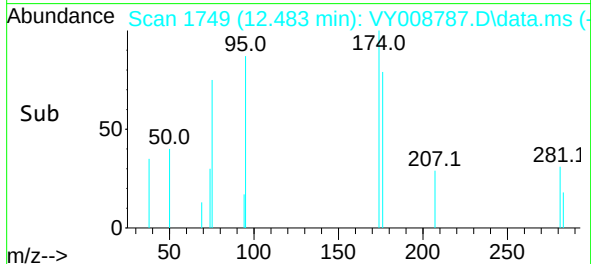
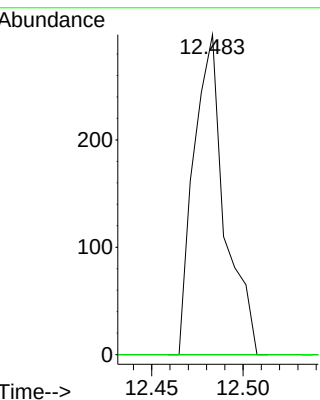
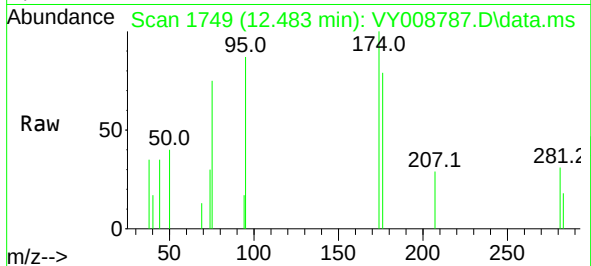




#76
1,2,3-Trichloropropane
Concen: 49.650 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 351
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 108.599 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008787.D
Acq: 17 May 2022 21:28

Tgt Ion: 75 Resp: 351
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

