

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008807.D
 Acq On : 18 May 2022 12:30
 Operator : KP/MD
 Sample : VY0518SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBL01

Quant Time: May 19 03:09:10 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

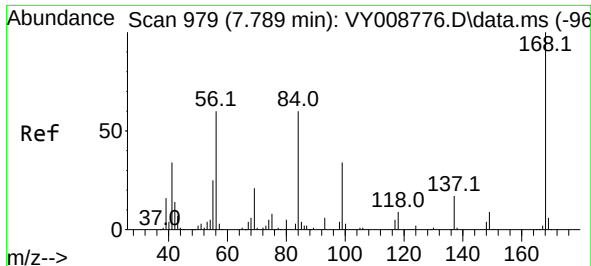
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	142430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83938	63.525	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.060%			
35) Dibromofluoromethane	7.716	113	80432	55.572	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.140%			
50) Toluene-d8	10.179	98	306975	47.861	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.720%			
62) 4-Bromofluorobenzene	12.483	95	86835	38.672	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.340%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	388	Below Cal		93
4) Vinyl Chloride	2.247	62	98	Below Cal	#	43
5) Bromomethane	2.662	94	446	Below Cal		85
6) Chloroethane	2.784	64	22	Below Cal	#	43
16) Acetone	3.948	43	842	Below Cal		95
18) Methyl Acetate	4.472	43	58	Below Cal	#	56
20) Methylene Chloride	4.716	84	17839	7.546	ug/l	87
31) Cyclohexane	7.783	56	3552	Below Cal	#	56
36) 1,1-Dichloropropene	7.789	75	11772	5.078	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14443	5.814	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	50549	45.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50549	99.642	ug/l #	7

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

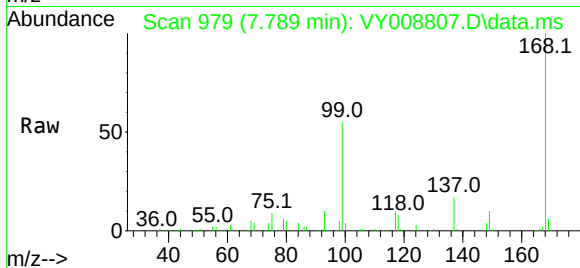
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Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration



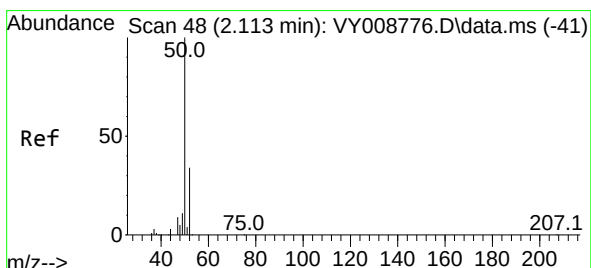
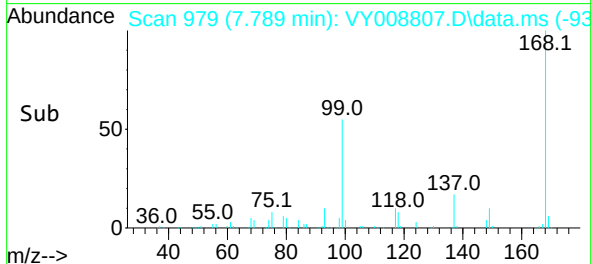
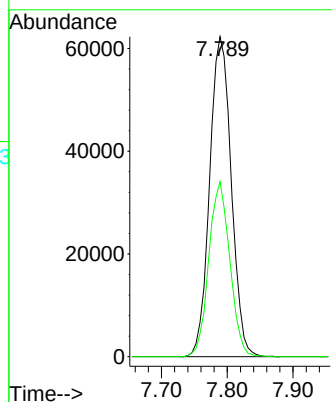


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

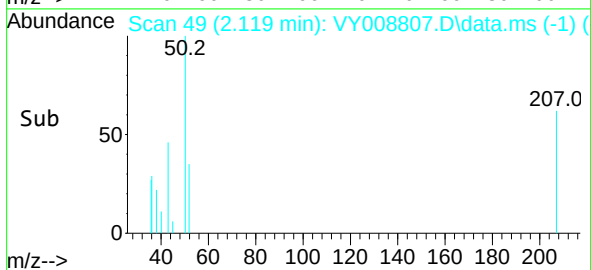
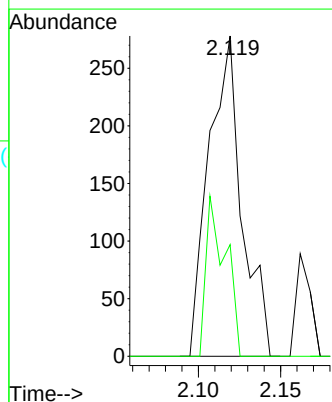
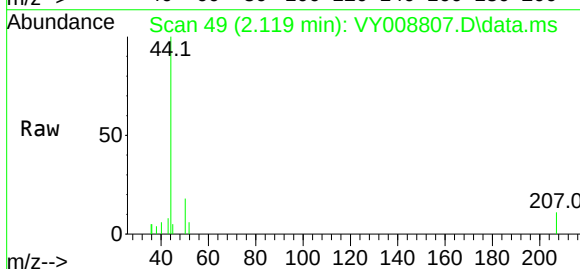


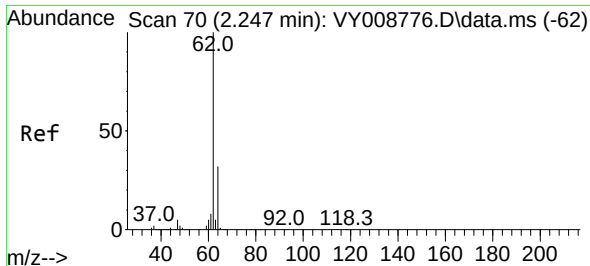
Tgt Ion:168 Resp: 142430
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

Tgt Ion: 50 Resp: 388
Ion Ratio Lower Upper
50 100
52 34.9 24.6 37.0

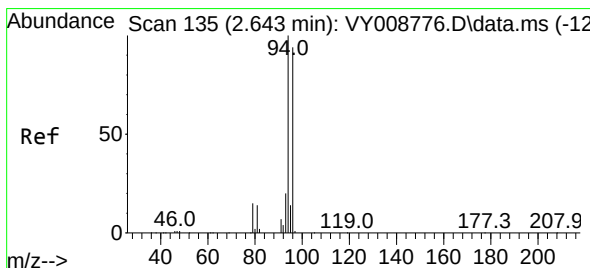
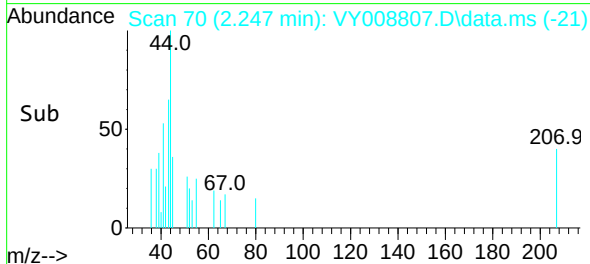
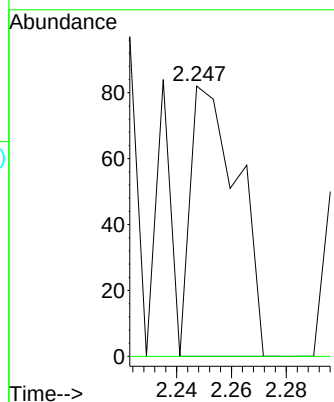
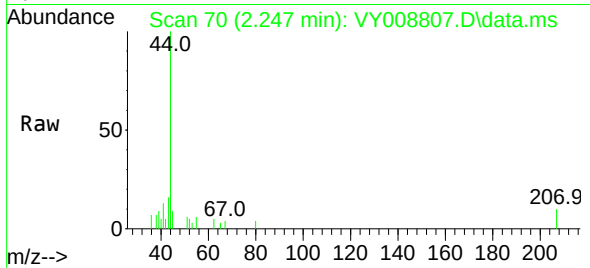




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.247 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VY008807.D
 Acq: 18 May 2022 12:30

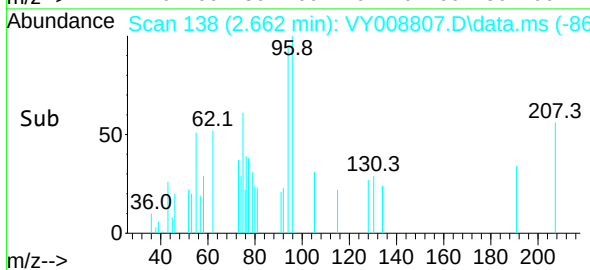
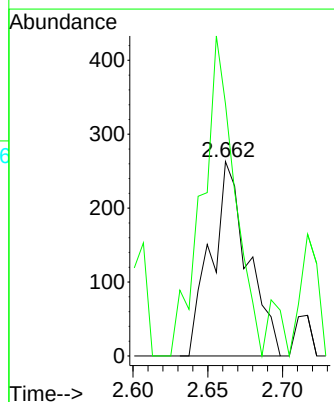
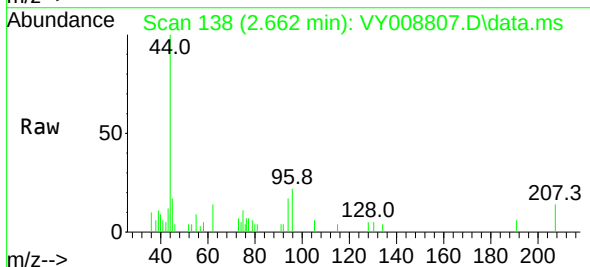
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBL01

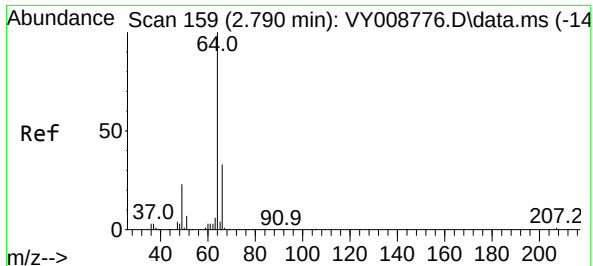
Tgt Ion: 62 Resp: 98
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.662 min Scan# 138
 Delta R.T. 0.019 min
 Lab File: VY008807.D
 Acq: 18 May 2022 12:30

Tgt Ion: 94 Resp: 446
 Ion Ratio Lower Upper
 94 100
 96 106.1 73.5 110.3

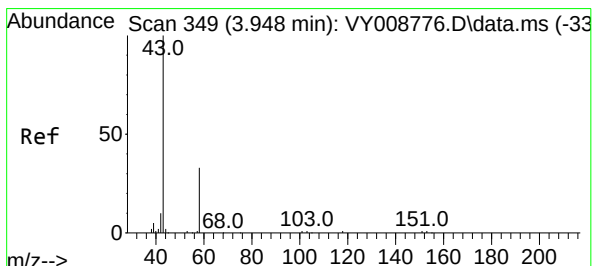
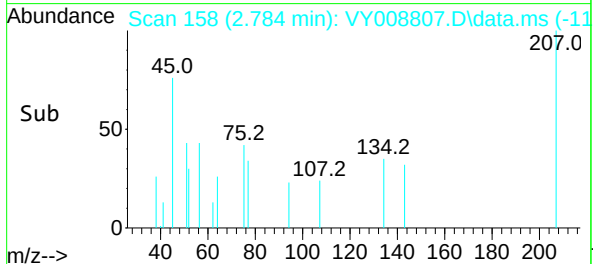
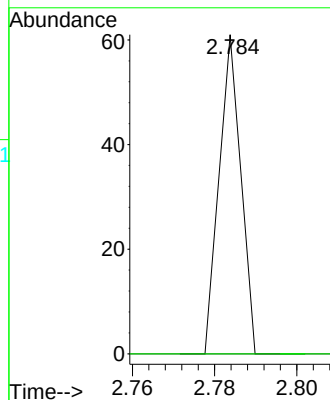
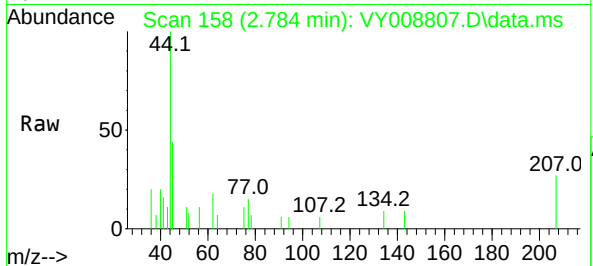




#6
Chloroethane
Concen: Below Cal
RT: 2.784 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

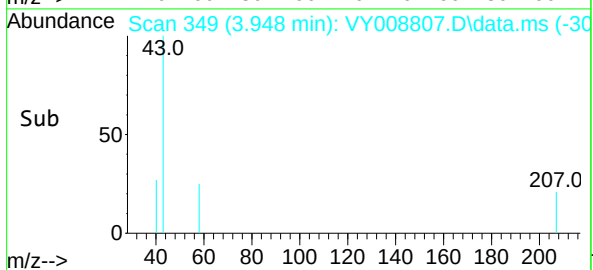
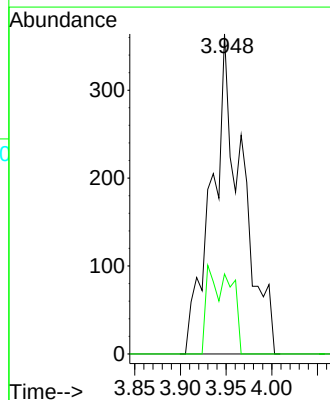
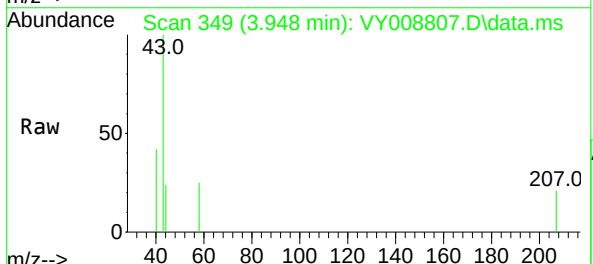
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

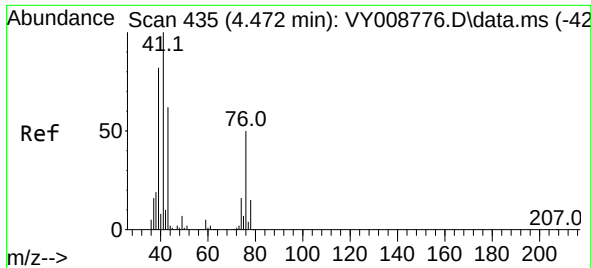
Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 25.0 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008807.D

Acq: 18 May 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

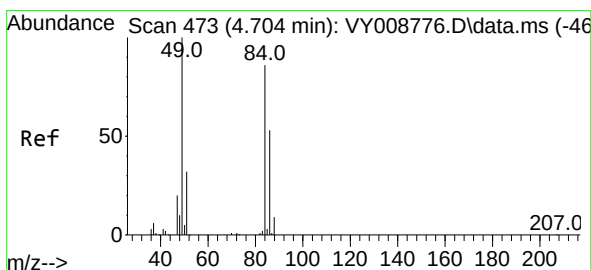
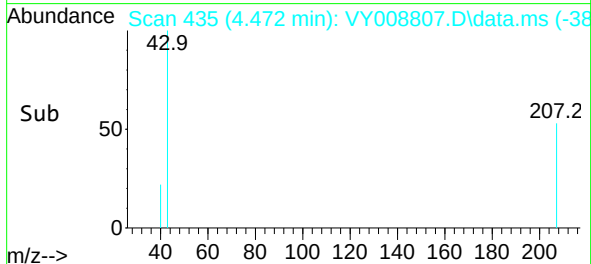
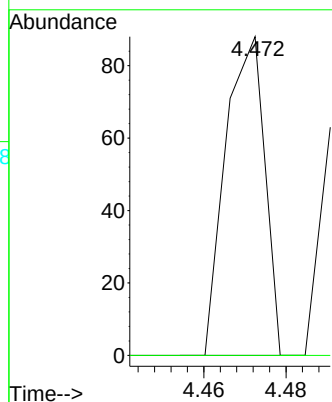
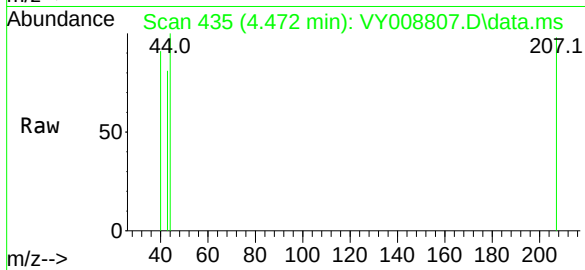
VY0518SBL01

Tgt Ion: 43 Resp: 58

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: 7.546 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY008807.D

Acq: 18 May 2022 12:30

Tgt Ion: 84 Resp: 17839

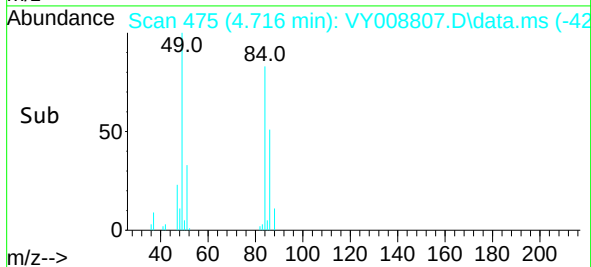
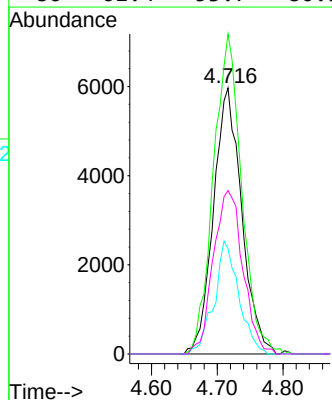
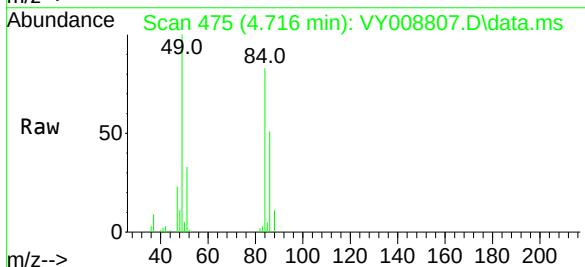
Ion Ratio Lower Upper

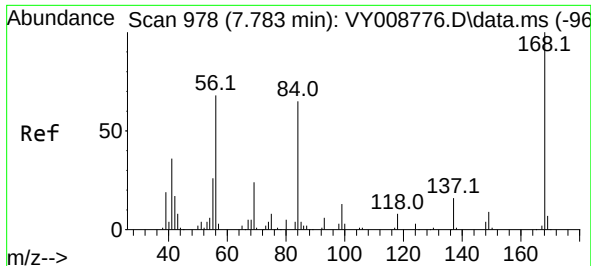
84 100

49 120.2 114.4 171.6

51 39.5 35.3 52.9

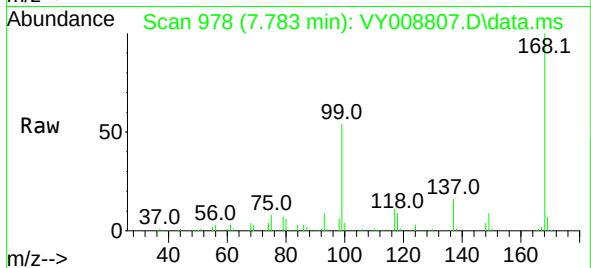
86 61.4 53.7 80.5



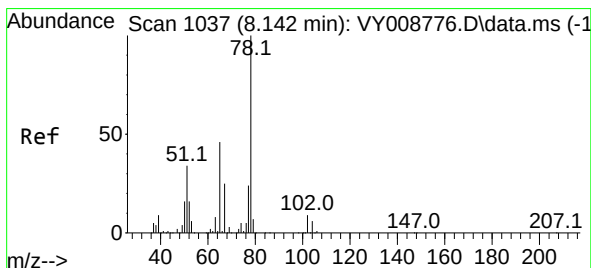
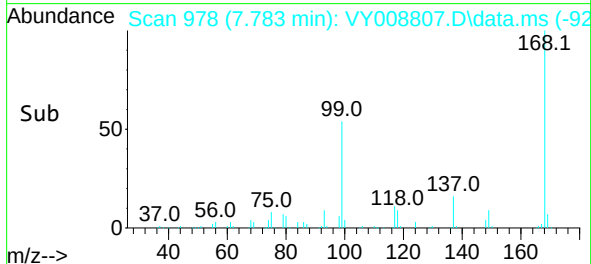
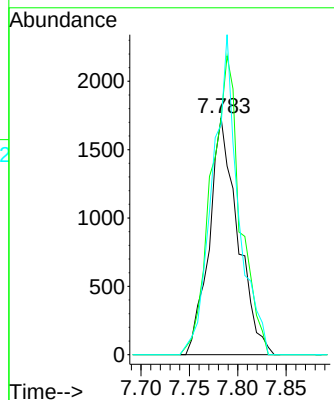


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

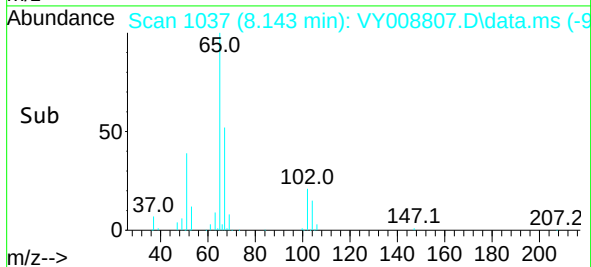
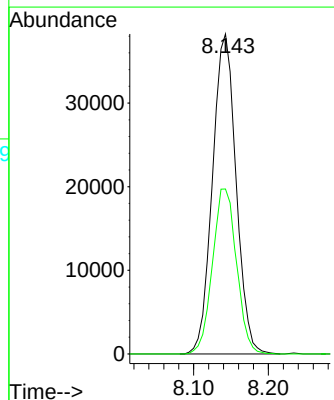
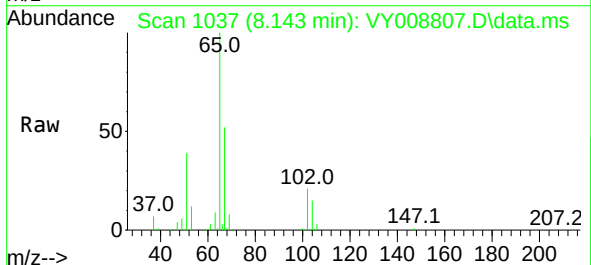


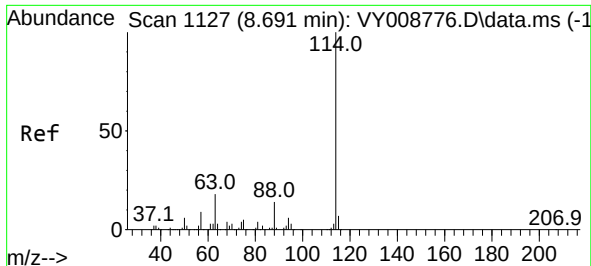
Tgt Ion: 56 Resp: 3552
Ion Ratio Lower Upper
56 100
69 100.2 26.7 40.1#
84 97.3 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 63.525 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

Tgt Ion: 65 Resp: 83938
Ion Ratio Lower Upper
65 100
67 52.6 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: VY008807.D

Acq: 18 May 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBL01

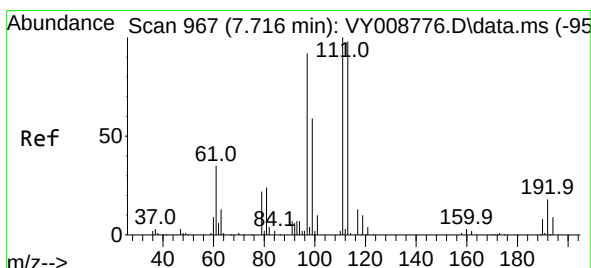
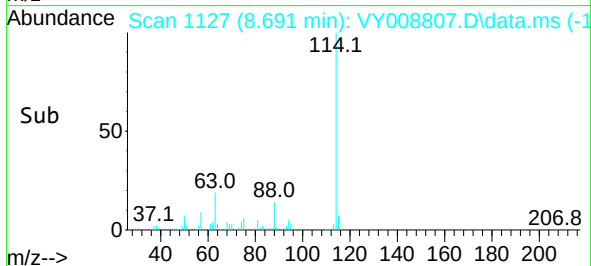
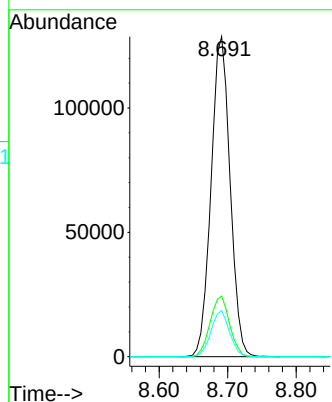
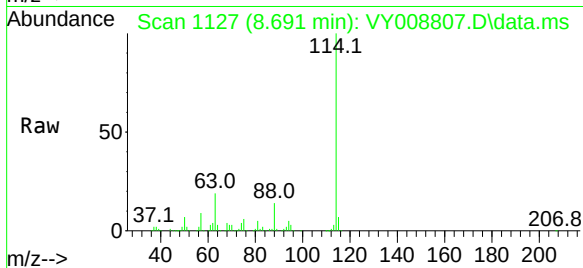
Tgt Ion:114 Resp: 247714

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.572 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008807.D

Acq: 18 May 2022 12:30

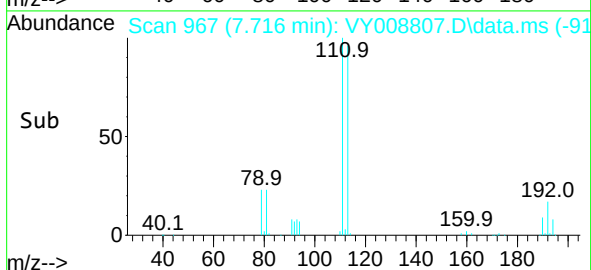
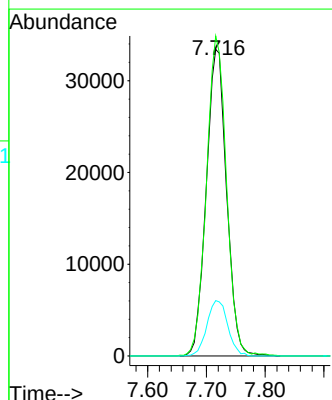
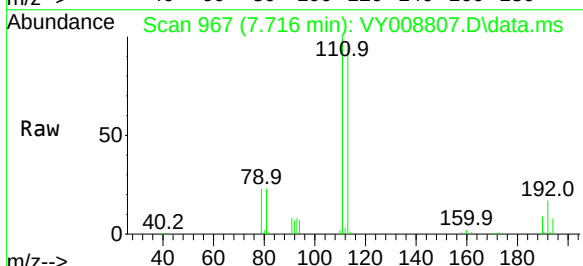
Tgt Ion:113 Resp: 80432

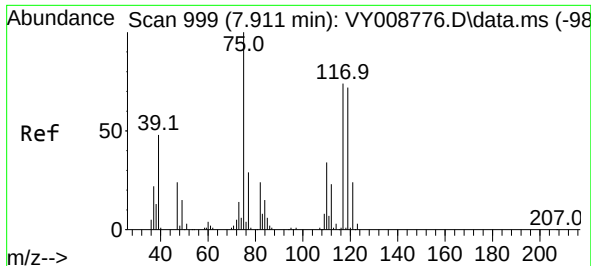
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 18.5 17.6 26.4

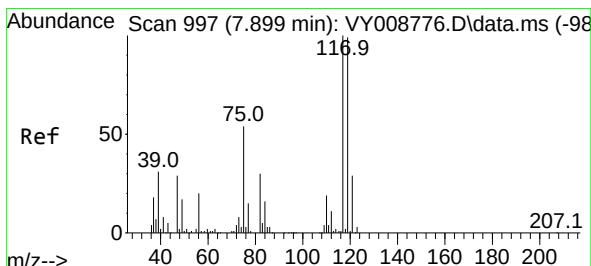
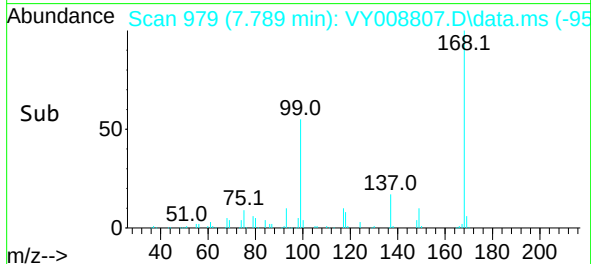
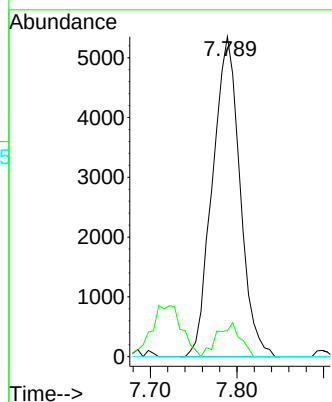
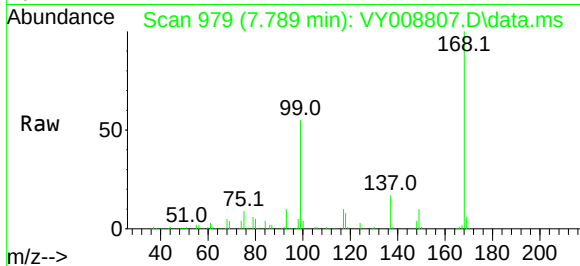




#36
 1,1-Dichloropropene
 Concen: 5.078 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY008807.D
 Acq: 18 May 2022 12:30

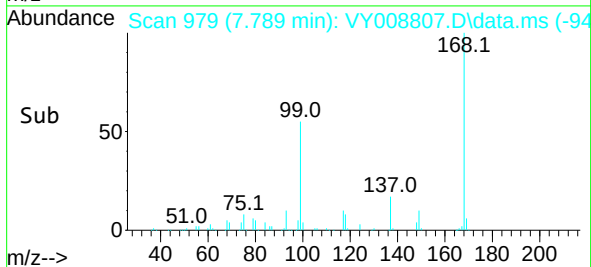
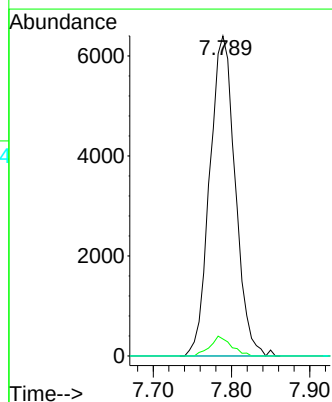
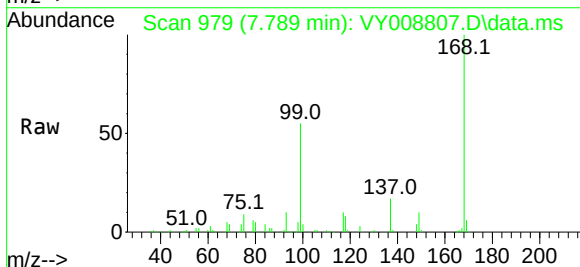
Instrument :
 MSVOA_Y
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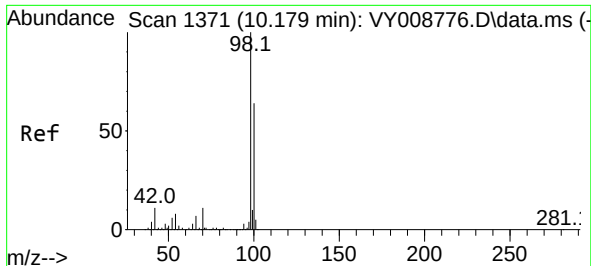
Tgt Ion: 75 Resp: 11772
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.814 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY008807.D
 Acq: 18 May 2022 12:30

Tgt Ion: 117 Resp: 14443
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.9 116.9#
 121 0.0 24.8 37.2#

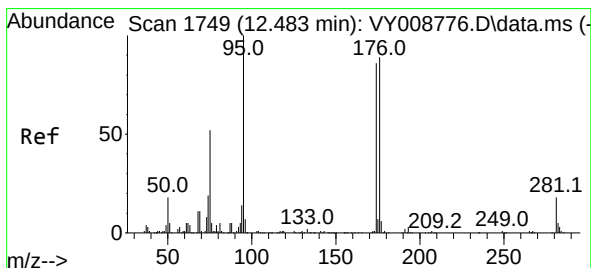
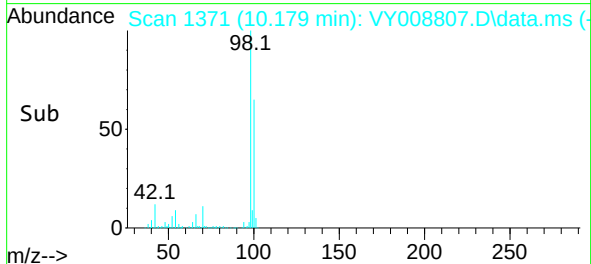
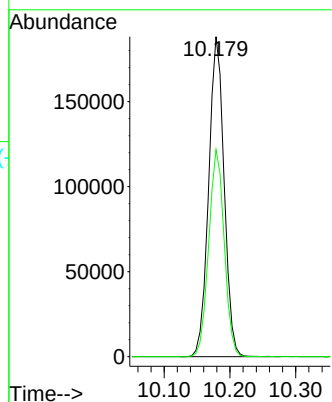
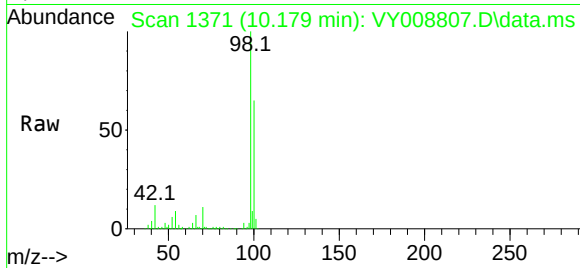




#50
Toluene-d8
Concen: 47.861 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

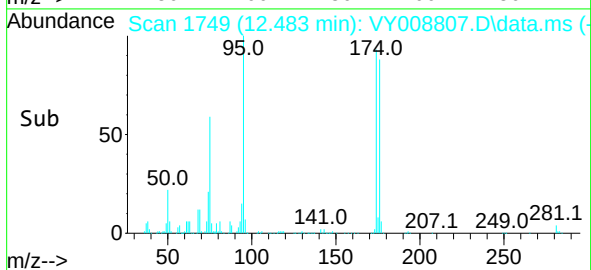
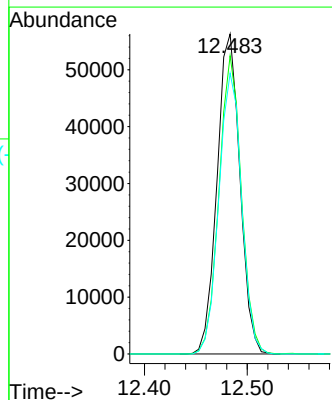
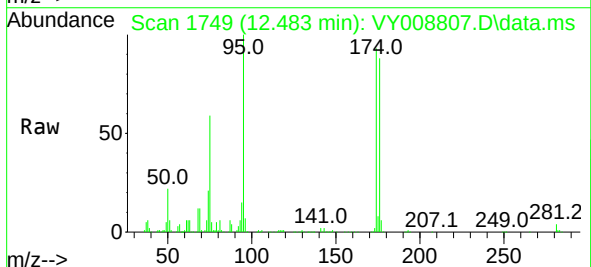
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

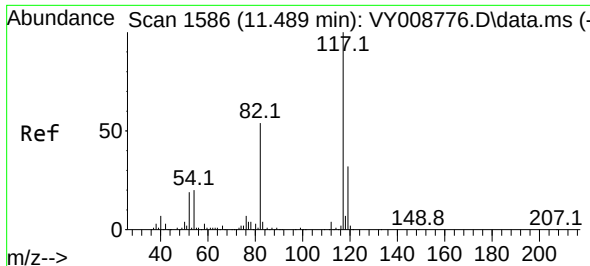
Tgt Ion: 98 Resp: 306975
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

Tgt Ion: 95 Resp: 86835
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 87.5 0.0 175.8

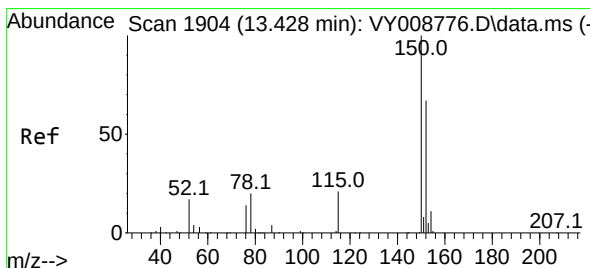
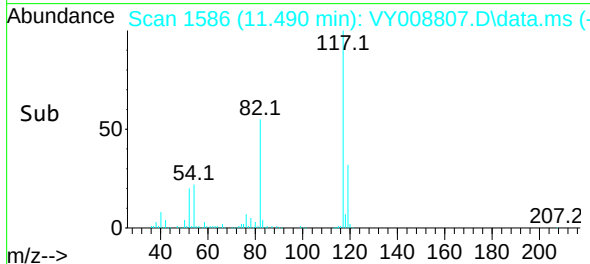
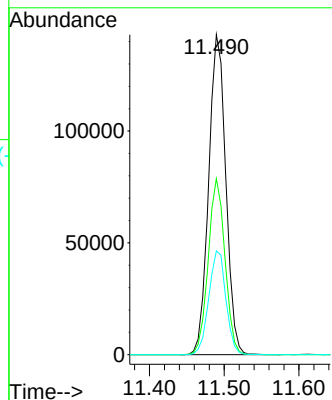
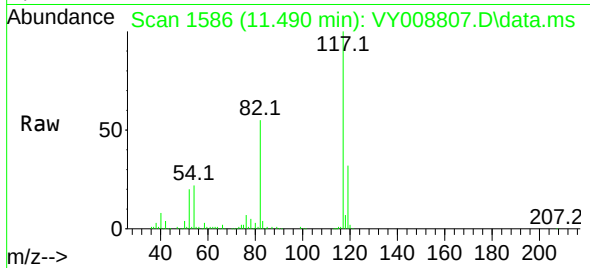




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

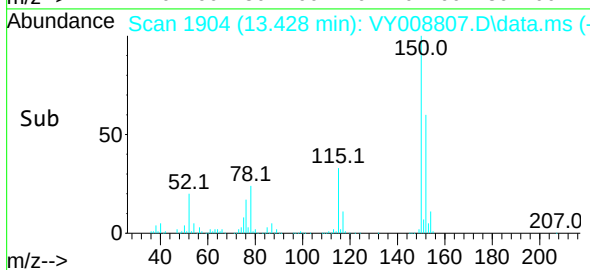
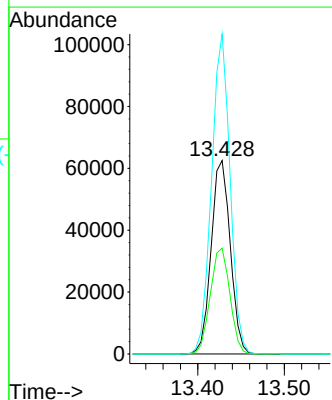
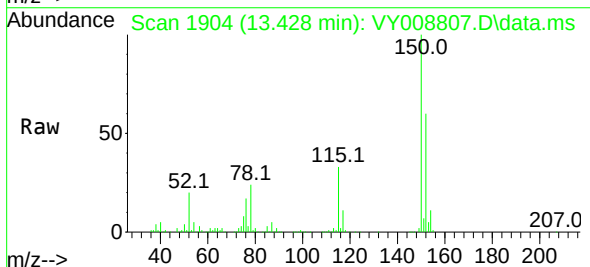
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

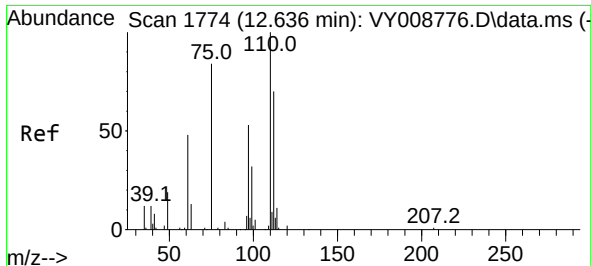
Tgt Ion:117 Resp: 227633
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

Tgt Ion:152 Resp: 96059
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 159.8 0.0 347.6

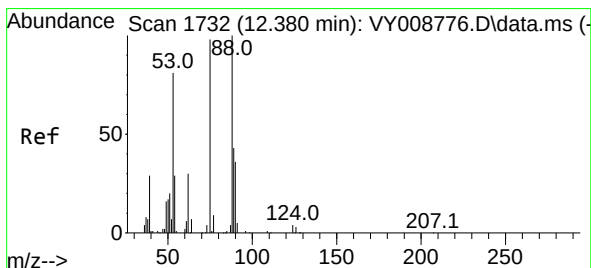
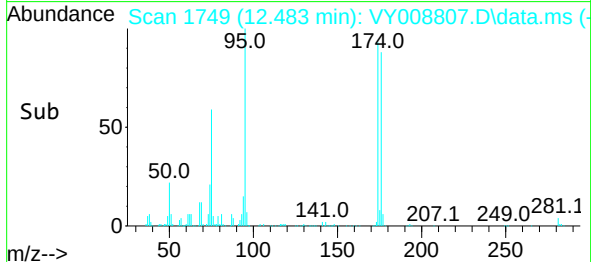
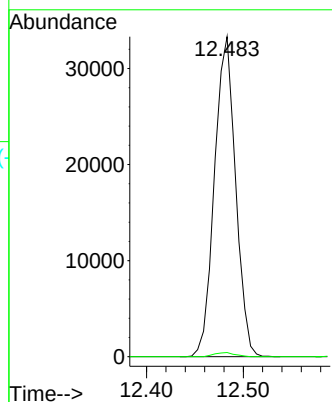
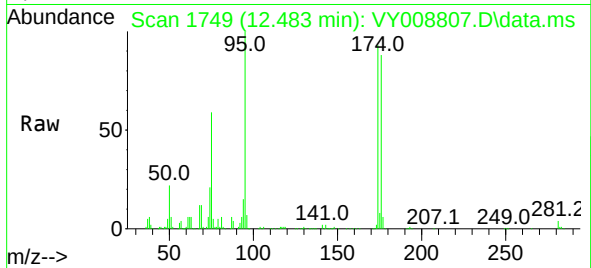




#76
1,2,3-Trichloropropane
Concen: 45.555 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

Tgt Ion: 75 Resp: 50549
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.642 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008807.D
Acq: 18 May 2022 12:30

Tgt Ion: 75 Resp: 50549
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

