

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008471.D
 Acq On : 25 Apr 2022 10:49
 Operator : KP/MD
 Sample : VY0425SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBL01

Quant Time: Apr 26 01:53:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

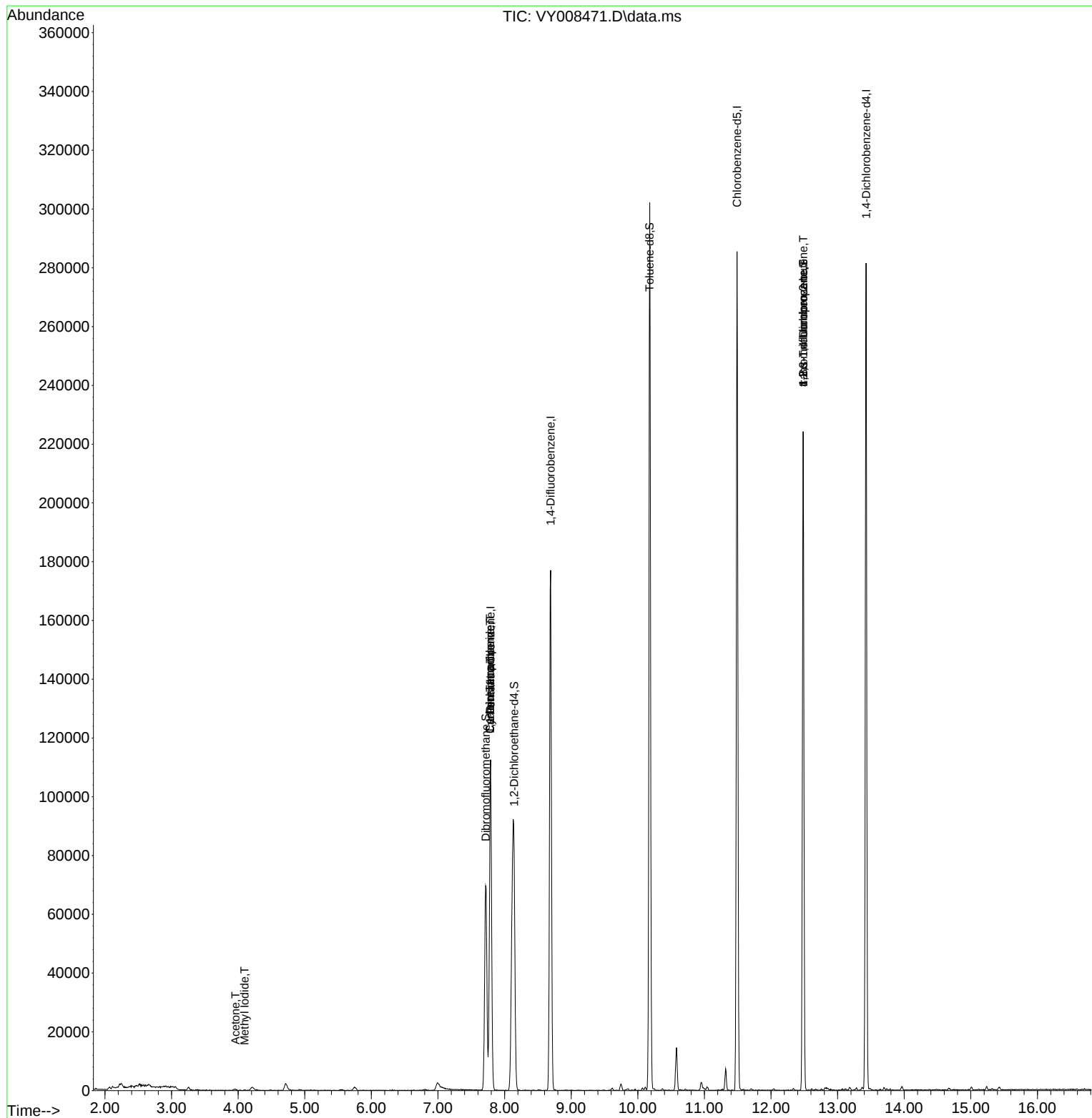
Internal Standards						
1) Pentafluorobenzene	7.789	168	86322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	154680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48732	47.979	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.960%		
35) Dibromofluoromethane	7.716	113	49478	48.591	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.180%		
50) Toluene-d8	10.179	98	195577	48.275	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.560%		
62) 4-Bromofluorobenzene	12.483	95	63125	46.039	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.080%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	200	1.840	ug/l #	35
11) Tert butyl alcohol	4.936	59	229	Below Cal	#	77
16) Acetone	3.960	43	789	3.335	ug/l	93
20) Methylene Chloride	4.722	84	1930	Below Cal	#	51
31) Cyclohexane	7.783	56	1820	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7066	4.363	ug/l #	51
38) Carbon Tetrachloride	7.783	117	8591	5.105	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	34747	39.385	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34747	91.370	ug/l #	7

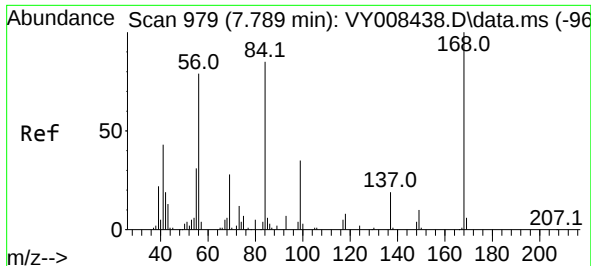
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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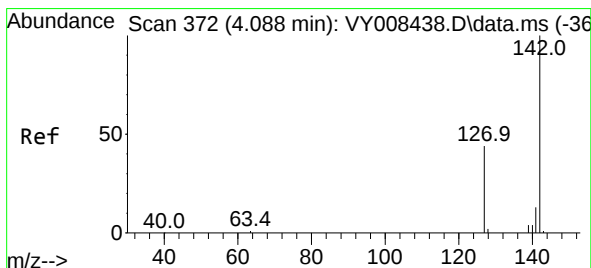
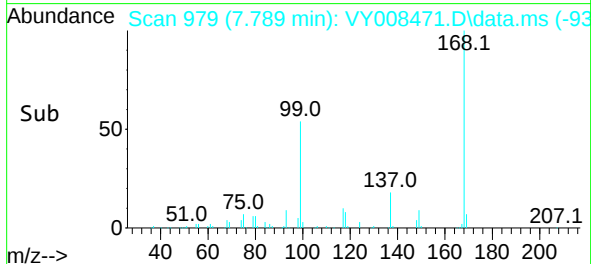
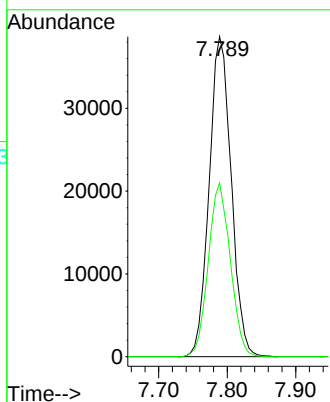
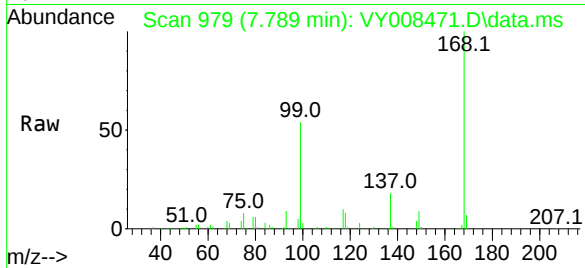




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008471.D
Acq: 25 Apr 2022 10:49

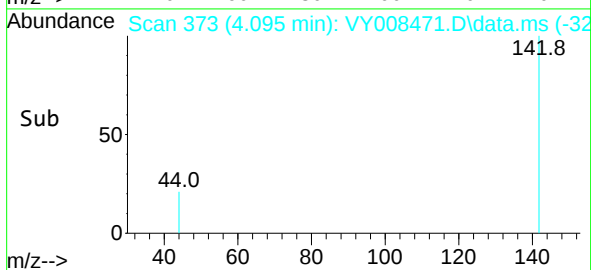
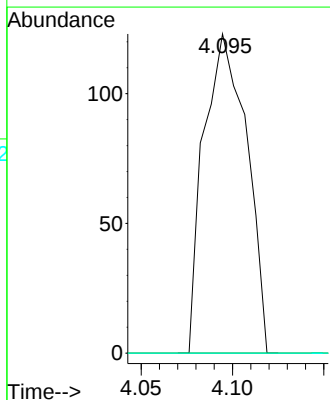
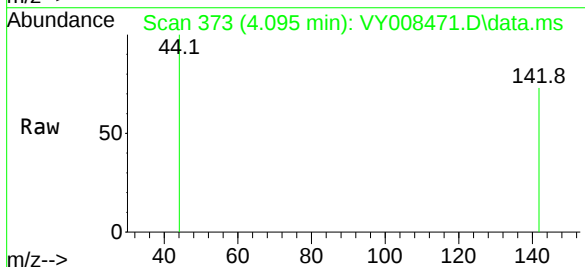
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01

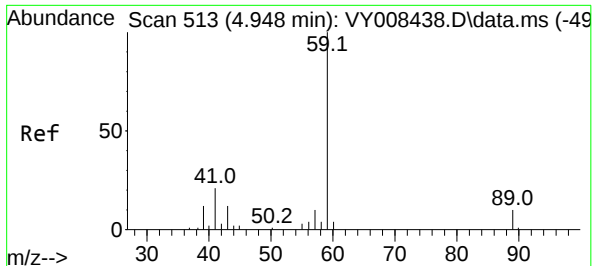
Tgt Ion:168 Resp: 86322
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#10
Methyl Iodide
Concen: 1.840 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008471.D
Acq: 25 Apr 2022 10:49

Tgt Ion:142 Resp: 200
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY008471.D

Acq: 25 Apr 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

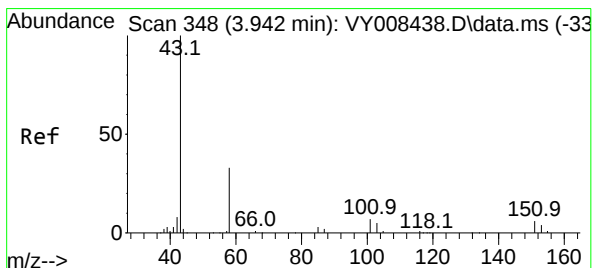
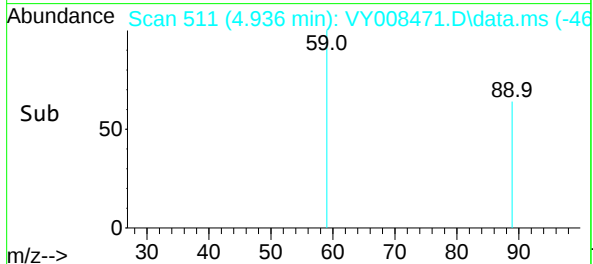
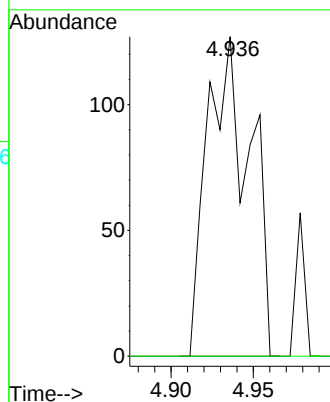
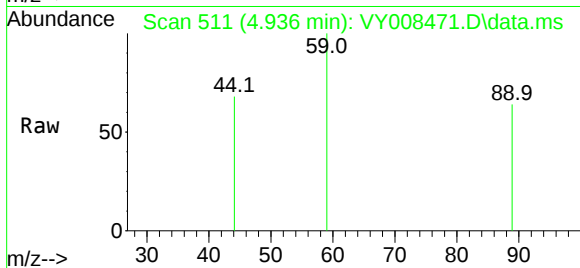
VY0425SBL01

Tgt Ion: 59 Resp: 229

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.335 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.018 min

Lab File: VY008471.D

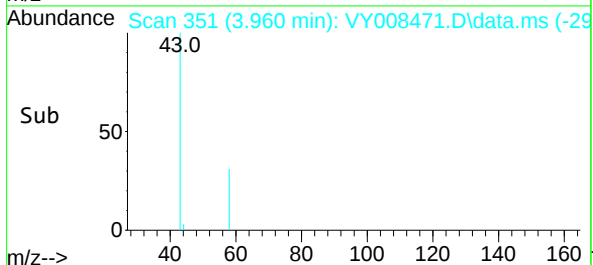
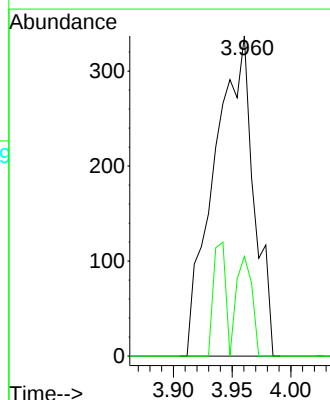
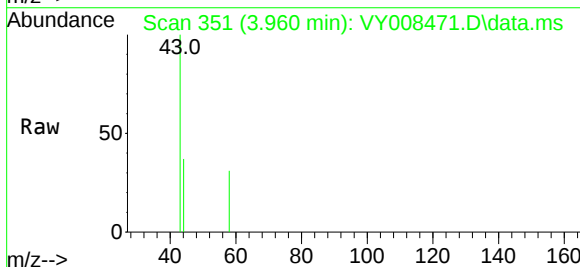
Acq: 25 Apr 2022 10:49

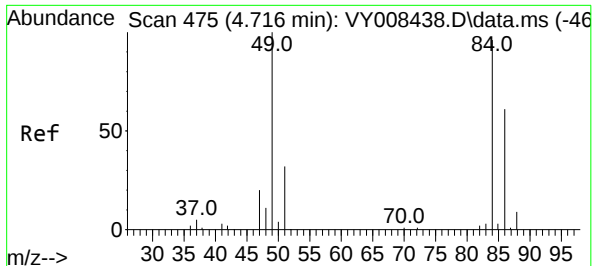
Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

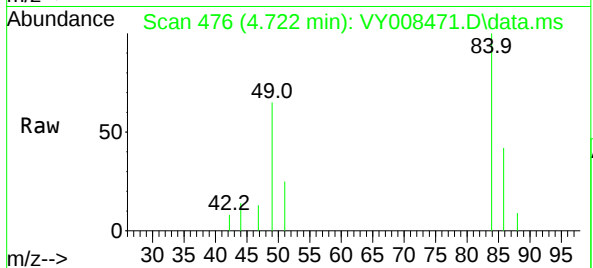
58 31.2 22.0 33.0





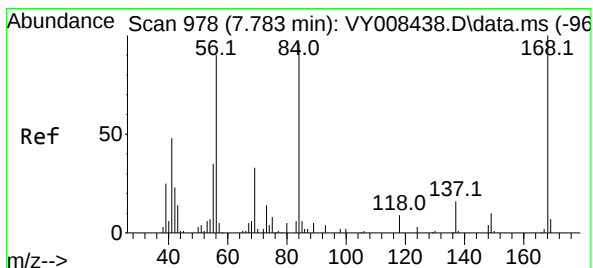
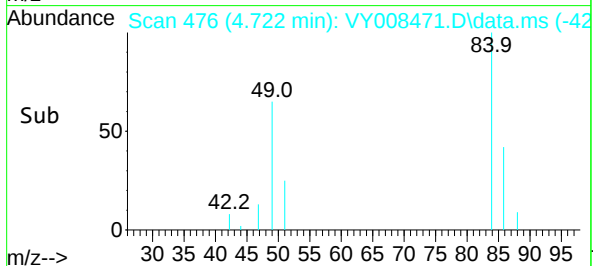
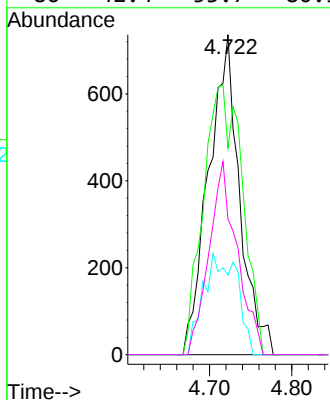
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008471.D
Acq: 25 Apr 2022 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01



Tgt Ion: 84 Resp: 1930

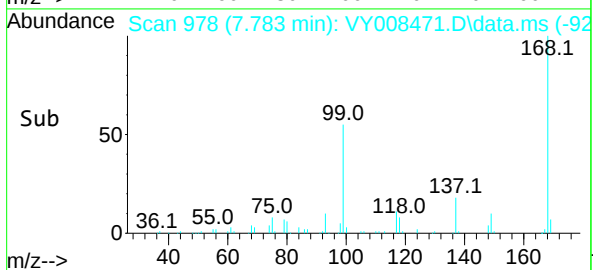
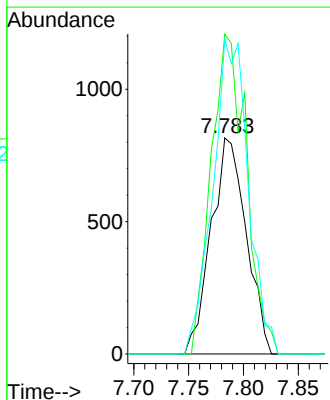
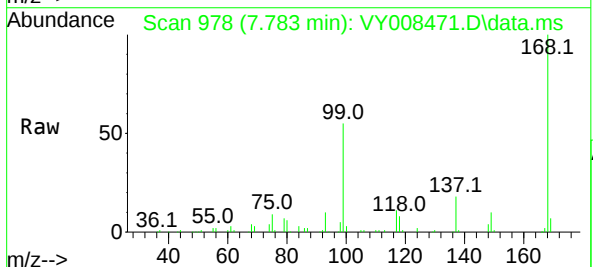
Ion	Ratio	Lower	Upper
84	100		
49	64.5	114.4	171.6#
51	24.9	35.3	52.9#
86	42.4	53.7	80.5#

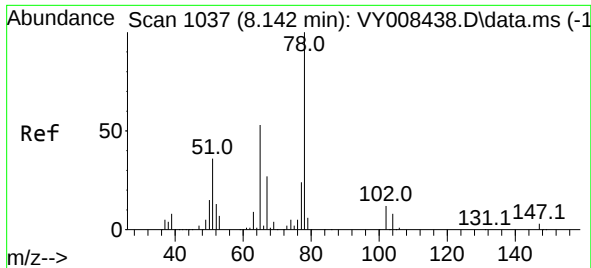


#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008471.D
Acq: 25 Apr 2022 10:49

Tgt Ion: 56 Resp: 1820

Ion	Ratio	Lower	Upper
56	100		
69	148.2	26.7	40.1#
84	145.6	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 47.979 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008471.D

Acq: 25 Apr 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

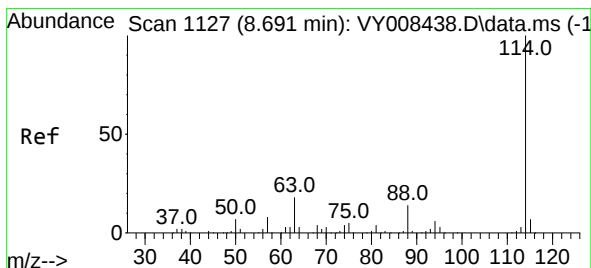
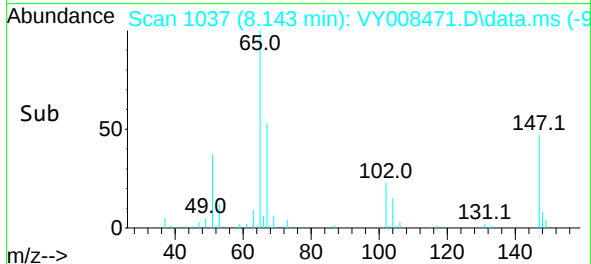
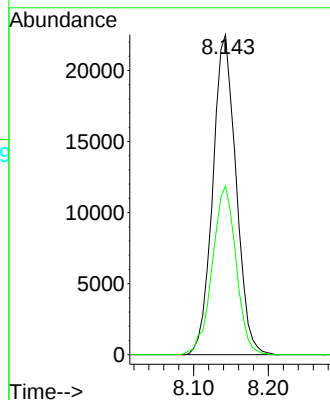
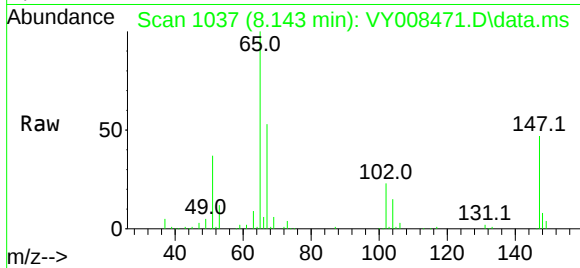
VY0425SBL01

Tgt Ion: 65 Resp: 48732

Ion Ratio Lower Upper

65 100

67 54.0 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: VY008471.D

Acq: 25 Apr 2022 10:49

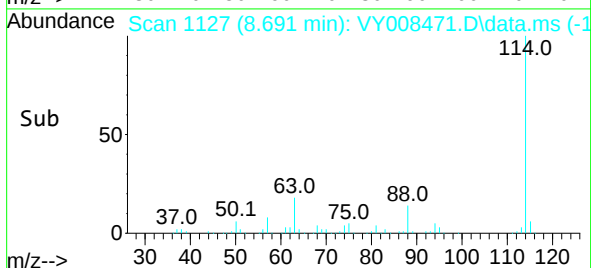
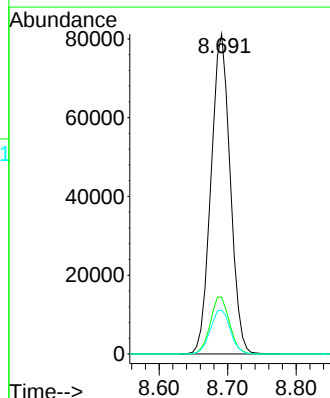
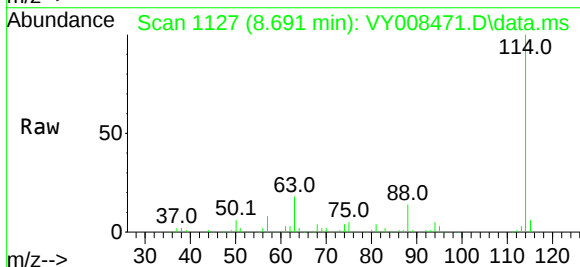
Tgt Ion: 114 Resp: 157774

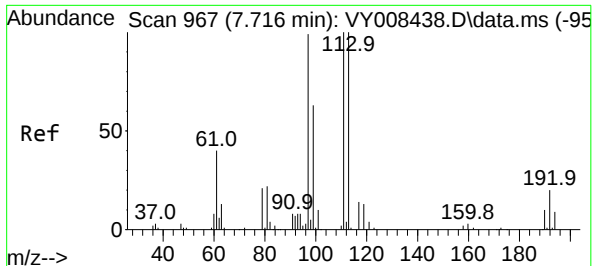
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.591 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY008471.D

Acq: 25 Apr 2022 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBL01

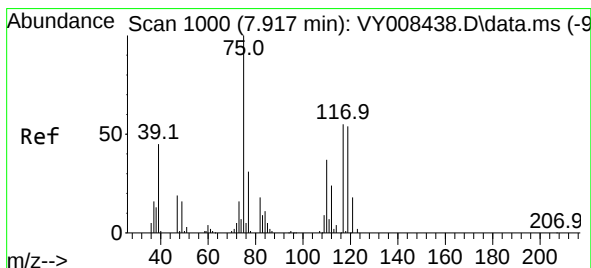
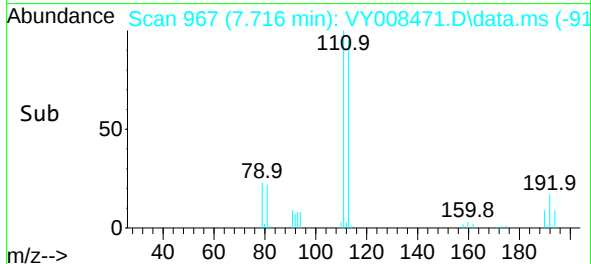
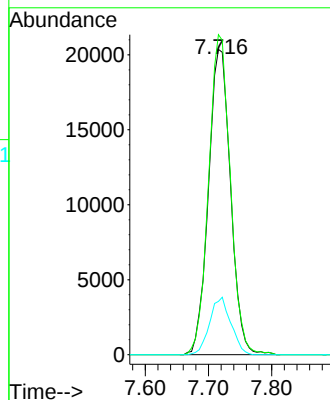
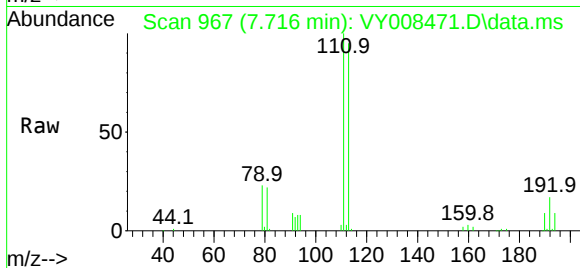
Tgt Ion:113 Resp: 49478

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 18.1 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.363 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY008471.D

Acq: 25 Apr 2022 10:49

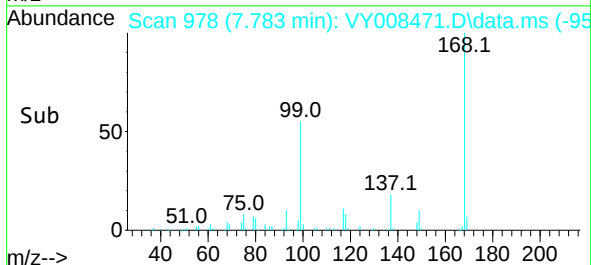
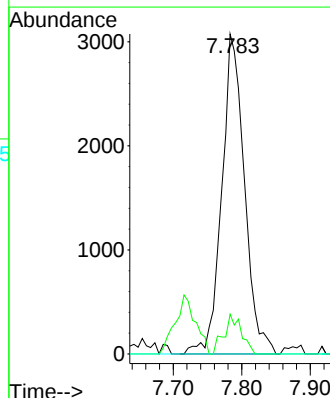
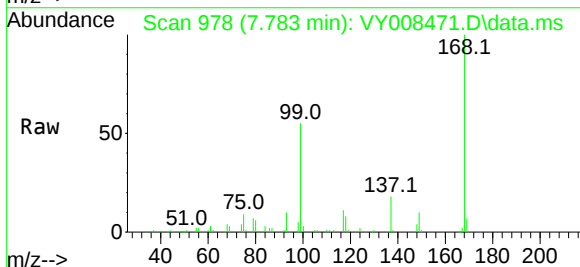
Tgt Ion: 75 Resp: 7066

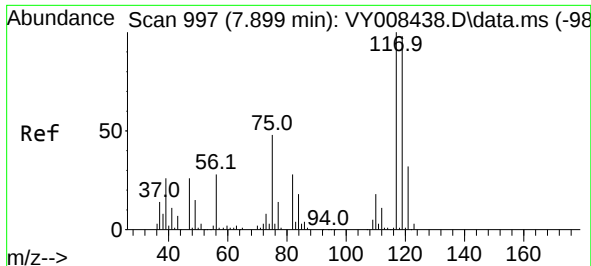
Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

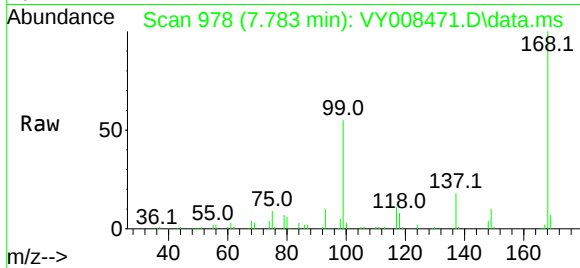
77 0.0 24.4 36.6#



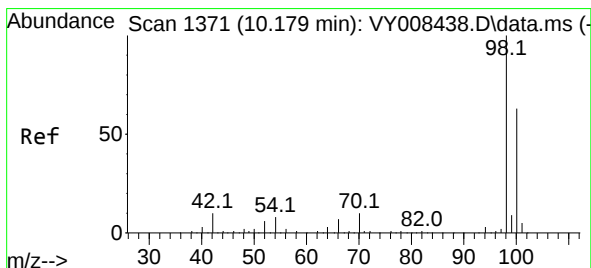
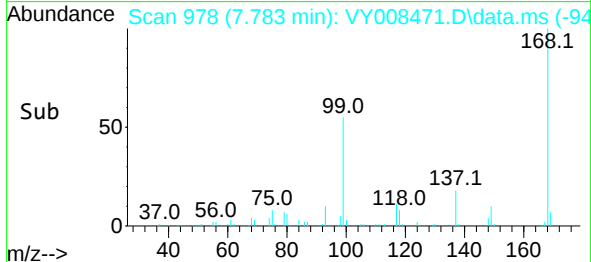
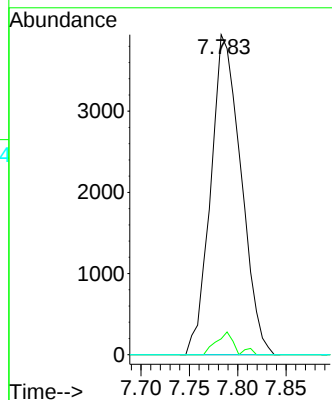


#38
Carbon Tetrachloride
Concen: 5.105 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008471.D
Acq: 25 Apr 2022 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01

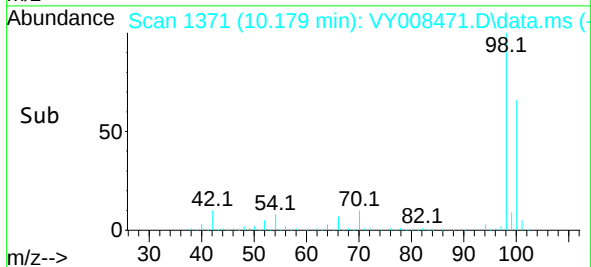
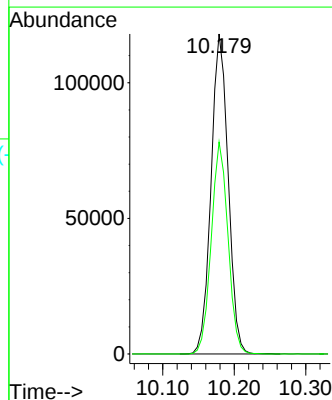
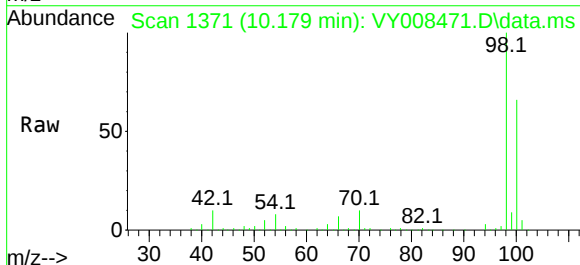


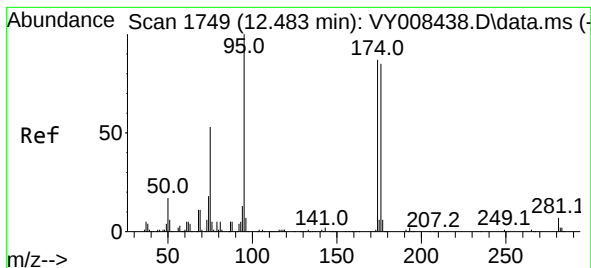
Tgt Ion:117 Resp: 8591
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.275 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008471.D
Acq: 25 Apr 2022 10:49

Tgt Ion: 98 Resp: 195577
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

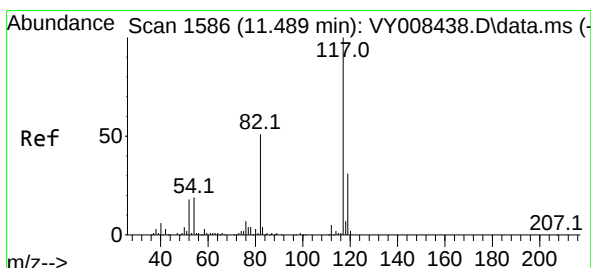
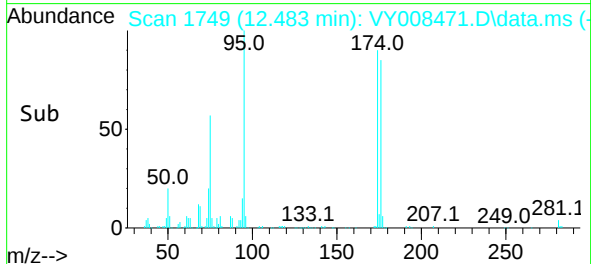
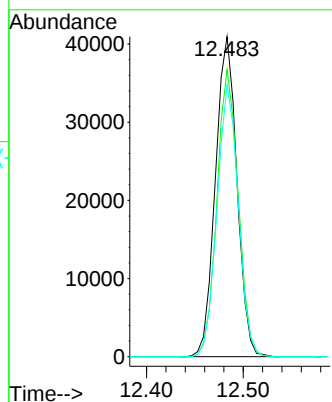
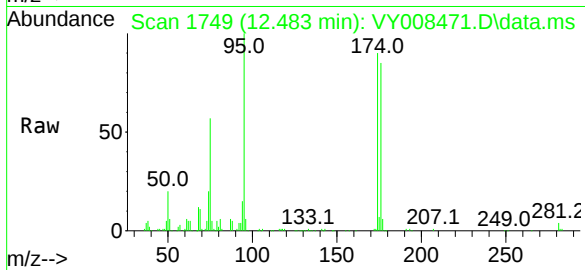




#62
4-Bromofluorobenzene
Concen: 46.039 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008471.D
Acq: 25 Apr 2022 10:49

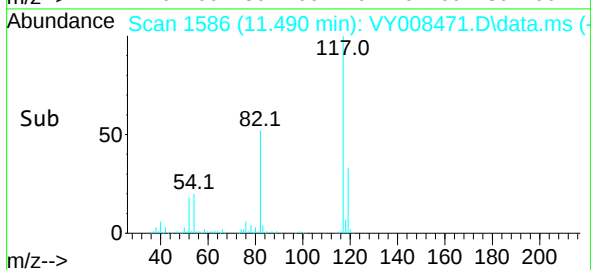
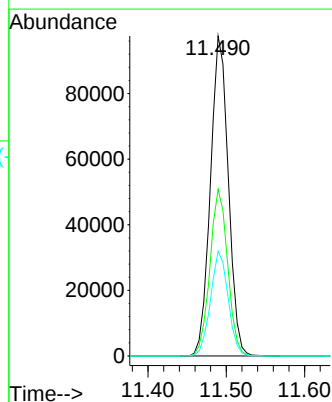
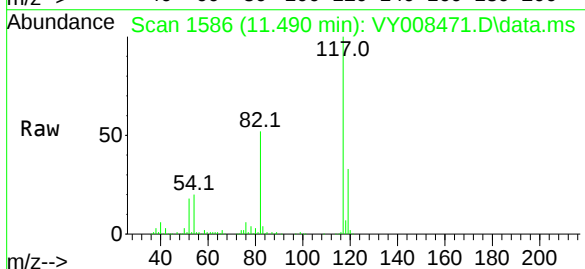
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01

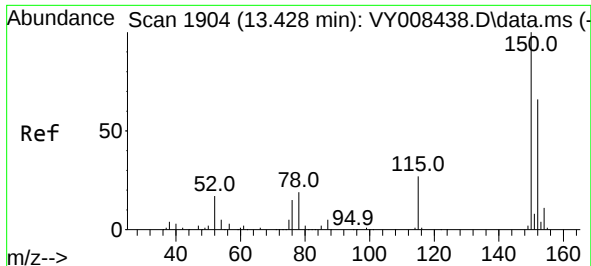
Tgt Ion: 95 Resp: 63125
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 83.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008471.D
Acq: 25 Apr 2022 10:49

Tgt Ion: 117 Resp: 154680
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.7 25.4 38.0

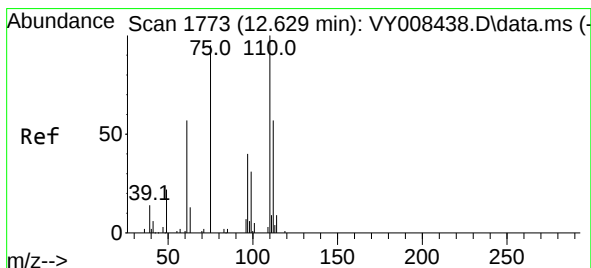
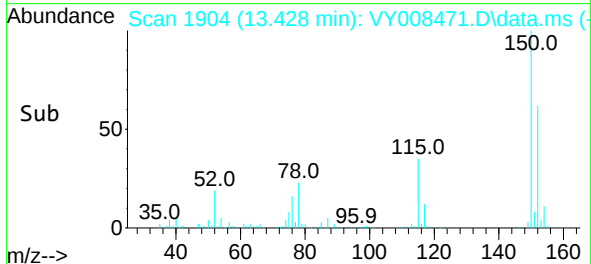
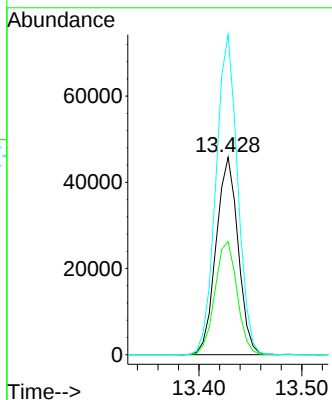
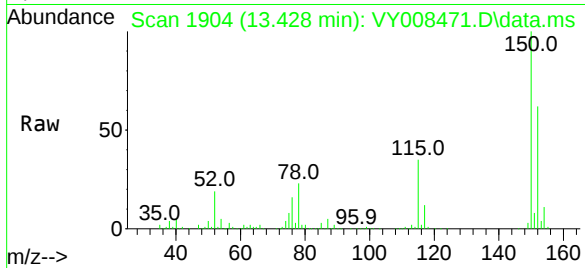




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008471.D
 Acq: 25 Apr 2022 10:49

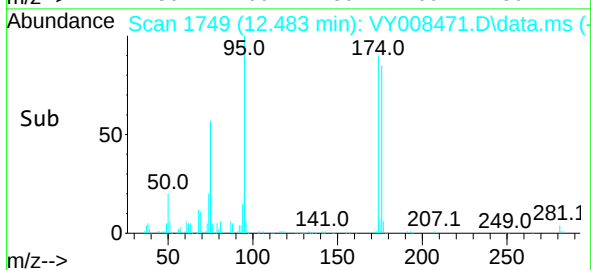
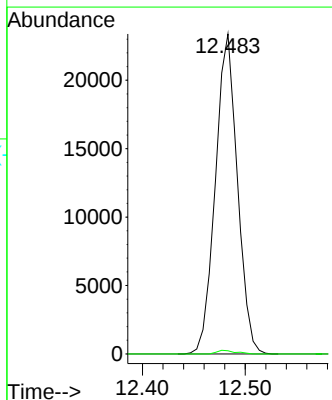
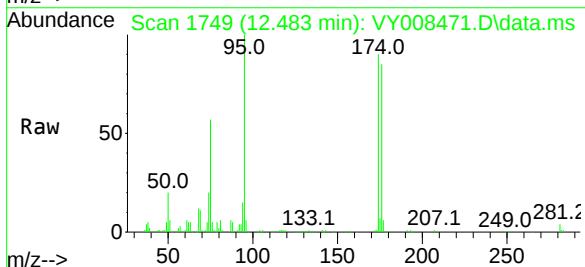
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBL01

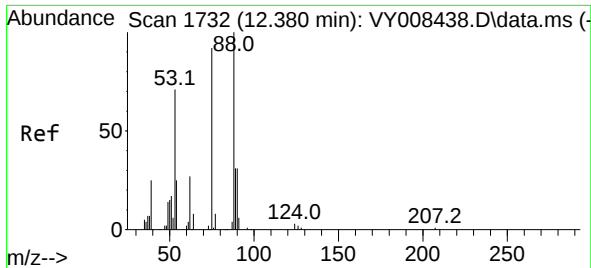
Tgt Ion:152 Resp: 68170
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 159.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.385 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008471.D
 Acq: 25 Apr 2022 10:49

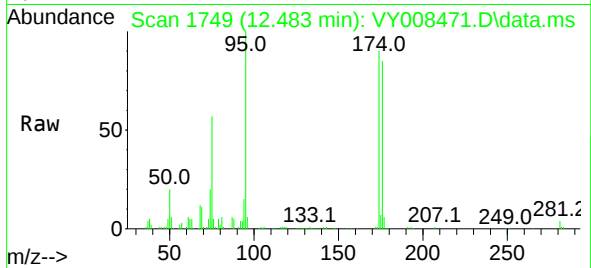
Tgt Ion: 75 Resp: 34747
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.370 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008471.D
 Acq: 25 Apr 2022 10:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBL01



Tgt Ion: 75 Resp: 34747
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

