

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007435.D
 Acq On : 08 Feb 2022 15:56
 Operator : SY/MD
 Sample : N1432-016
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-6

Quant Time: Feb 09 00:57:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

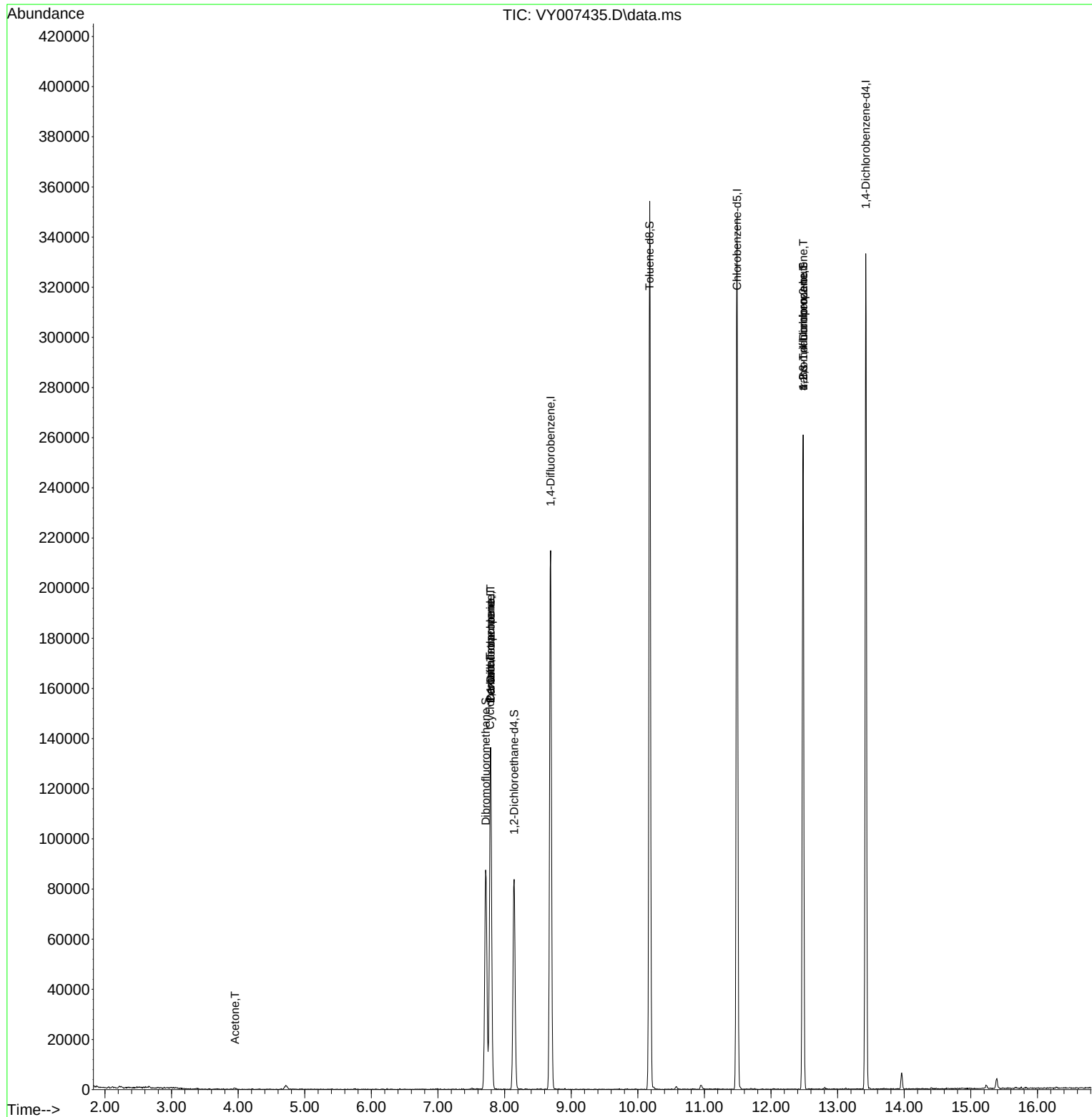
Internal Standards						
1) Pentafluorobenzene	7.789	168	99039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65517	57.512	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 115.020%		
35) Dibromofluoromethane	7.716	113	61623	51.630	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.260%		
50) Toluene-d8	10.179	98	229990	52.156	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.320%		
62) 4-Bromofluorobenzene	12.483	95	82393	54.973	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 109.940%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	283	Below Cal		97
11) Tert butyl alcohol	4.936	59	19	Below Cal	#	77
16) Acetone	3.954	43	933	2.522	ug/l #	80
20) Methylene Chloride	4.716	84	1231	Below Cal	#	73
31) Cyclohexane	7.783	56	2224	1.001	ug/l #	47
36) 1,1-Dichloropropene	7.789	75	8089	3.877	ug/l #	53
38) Carbon Tetrachloride	7.789	117	11178	5.099	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	44703	47.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44703	94.362	ug/l #	7

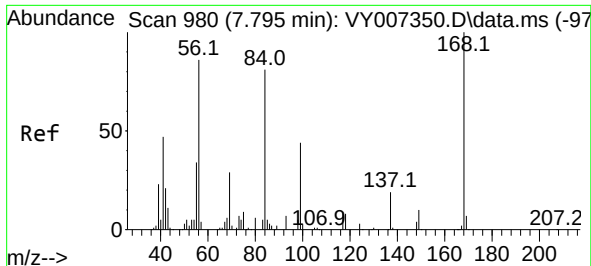
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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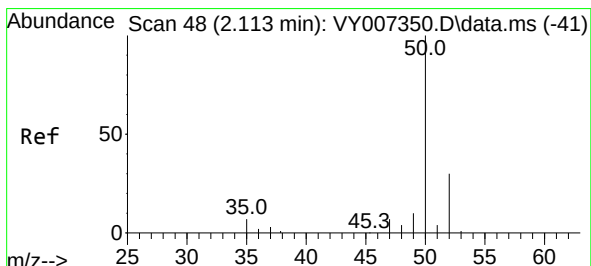
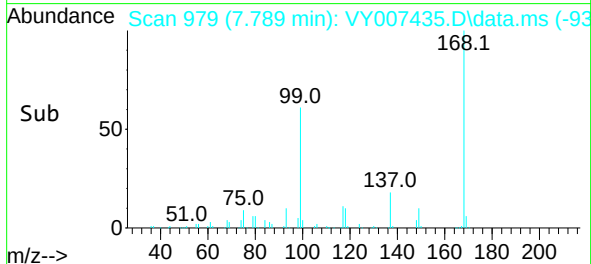
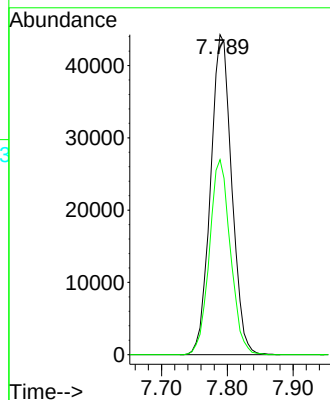
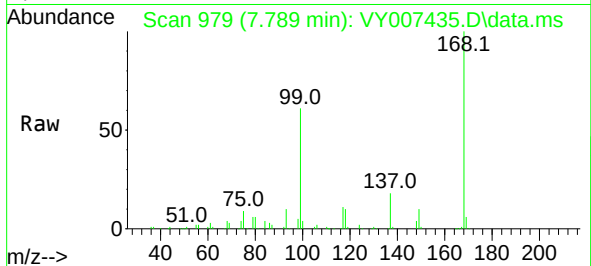




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

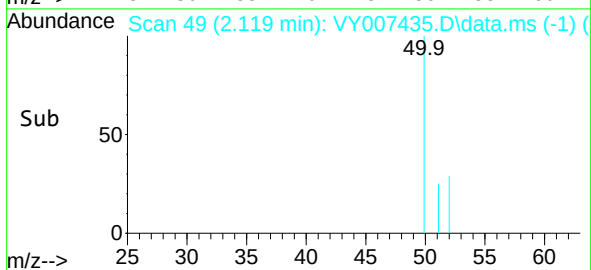
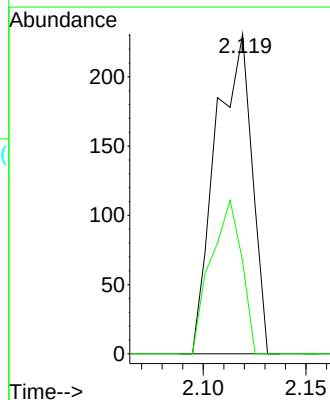
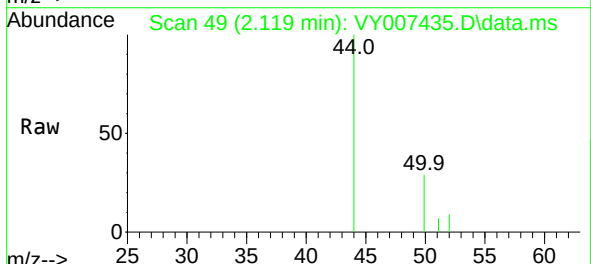
Instrument :
MSVOA_Y
ClientSampleId :
SP-6

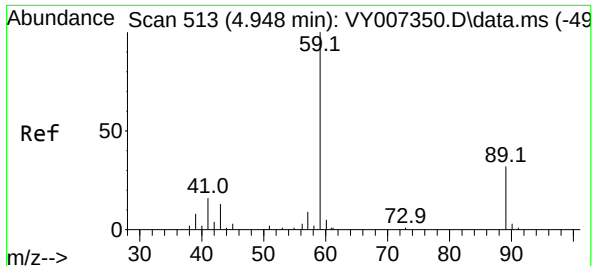
Tgt Ion:168 Resp: 99039
Ion Ratio Lower Upper
168 100
99 60.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

Tgt Ion: 50 Resp: 283
Ion Ratio Lower Upper
50 100
52 29.0 24.6 37.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY007435.D

Acq: 08 Feb 2022 15:56

Instrument :

MSVOA_Y

ClientSampleId :

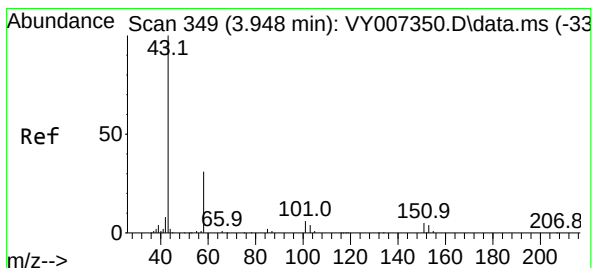
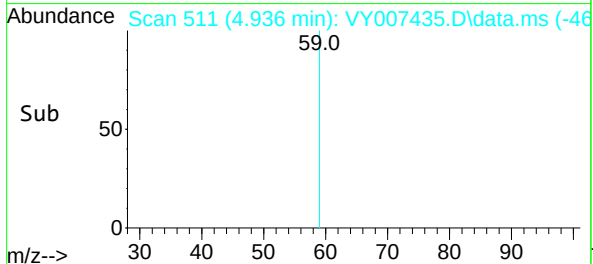
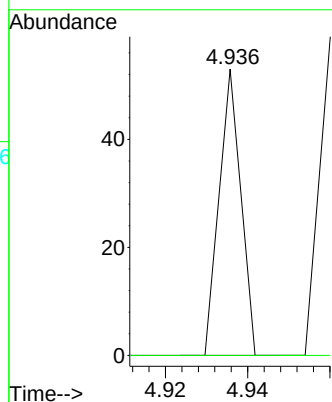
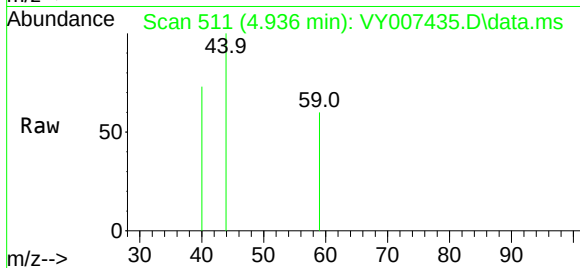
SP-6

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.522 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY007435.D

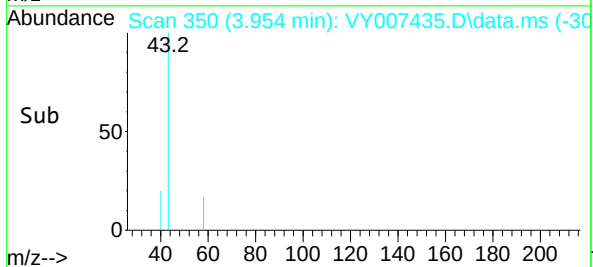
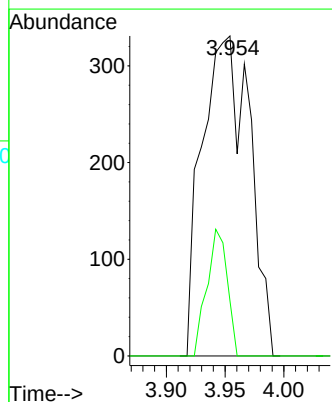
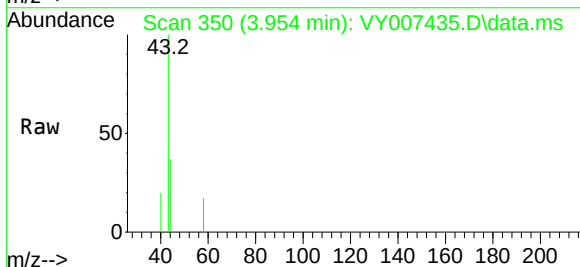
Acq: 08 Feb 2022 15:56

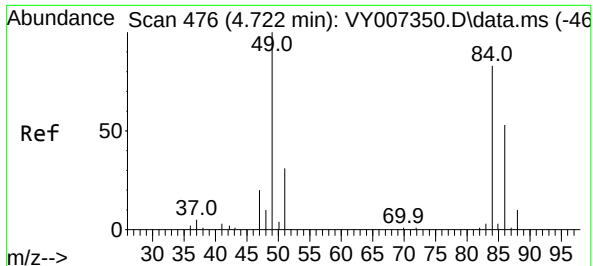
Tgt Ion: 43 Resp: 933

Ion Ratio Lower Upper

43 100

58 17.2 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007435.D

Acq: 08 Feb 2022 15:56

Instrument :

MSVOA_Y

ClientSampleId :

SP-6

Tgt Ion: 84 Resp: 1231

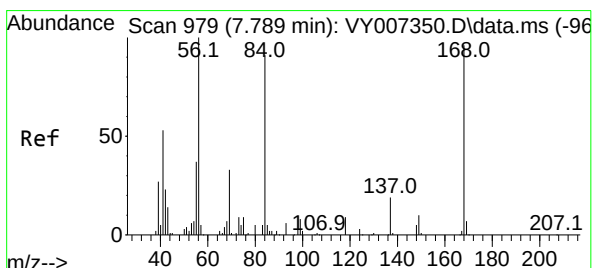
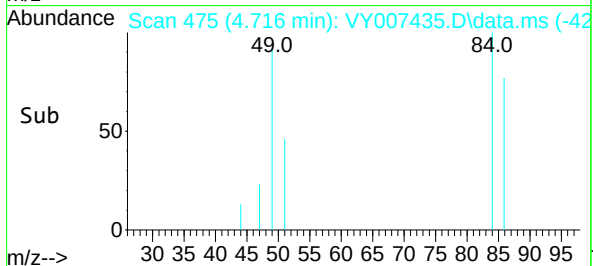
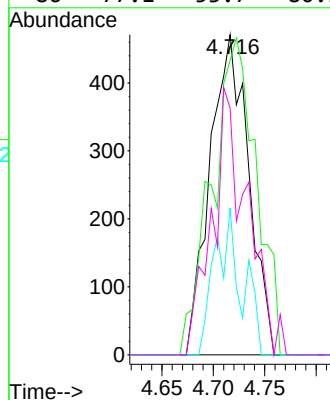
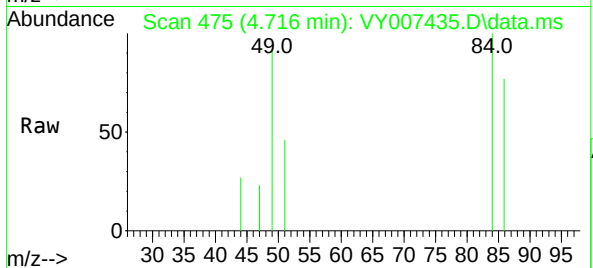
Ion Ratio Lower Upper

84 100

49 91.9 114.4 171.6#

51 45.9 35.3 52.9

86 77.1 53.7 80.5



#31

Cyclohexane

Concen: 1.001 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY007435.D

Acq: 08 Feb 2022 15:56

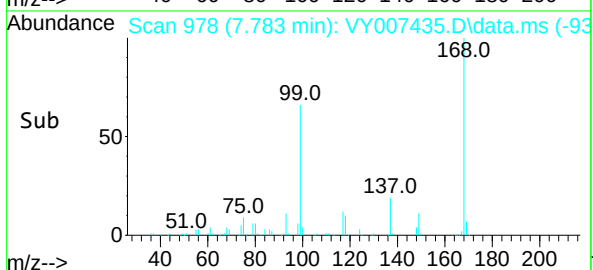
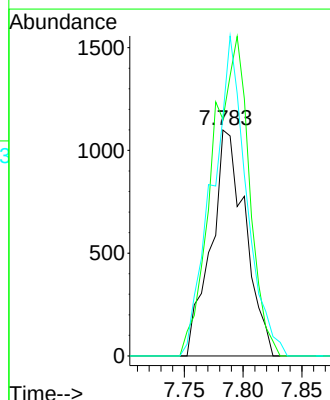
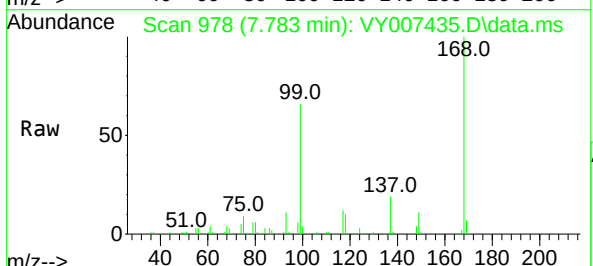
Tgt Ion: 56 Resp: 2224

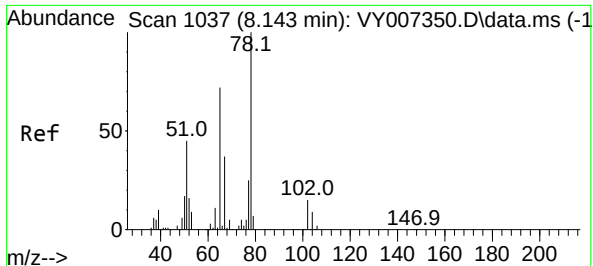
Ion Ratio Lower Upper

56 100

69 104.7 26.7 40.1#

84 106.0 67.2 100.8#

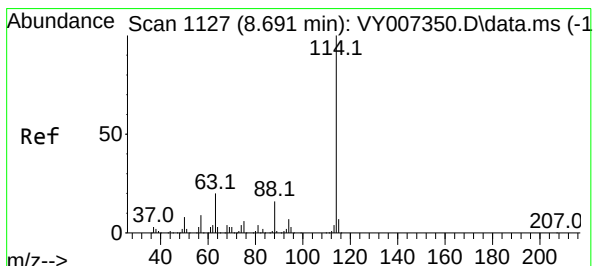
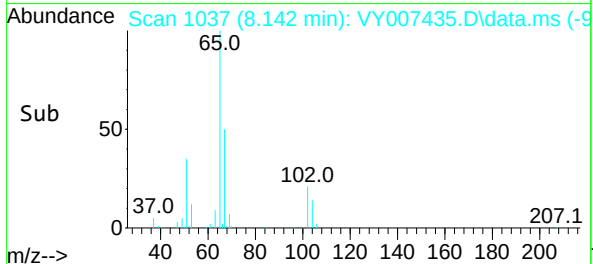
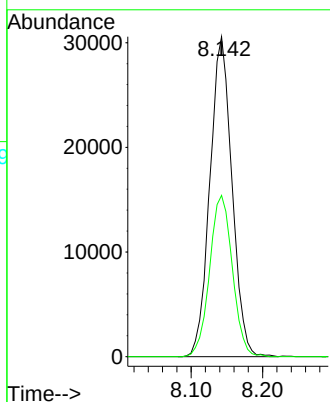
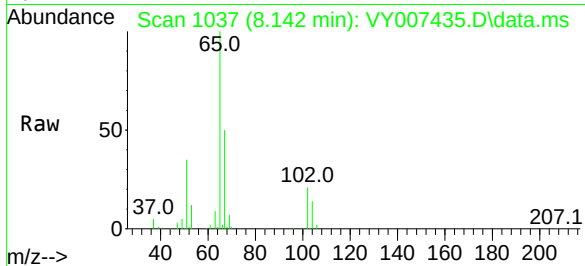




#33
 1,2-Dichloroethane-d4
 Concen: 57.512 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY007435.D
 Acq: 08 Feb 2022 15:56

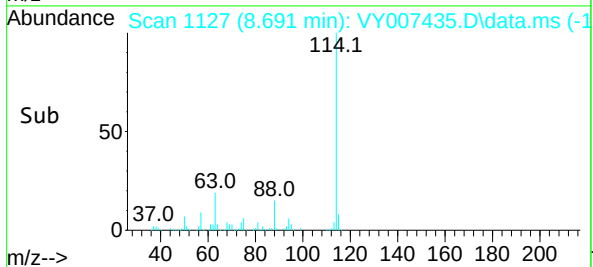
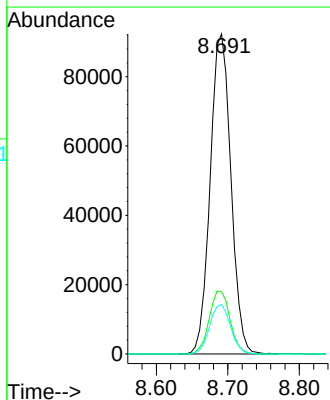
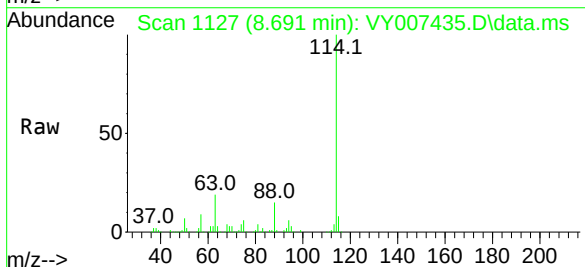
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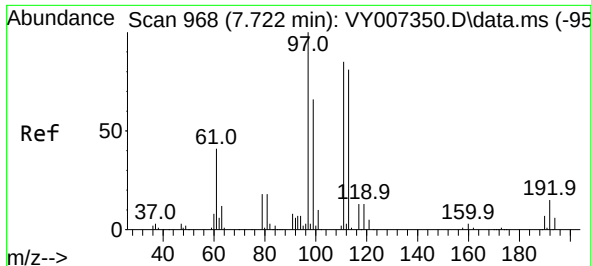
Tgt Ion: 65 Resp: 65517
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY007435.D
 Acq: 08 Feb 2022 15:56

Tgt Ion: 114 Resp: 185873
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.2
 88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.630 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY007435.D

Acq: 08 Feb 2022 15:56

Instrument :

MSVOA_Y

ClientSampleId :

SP-6

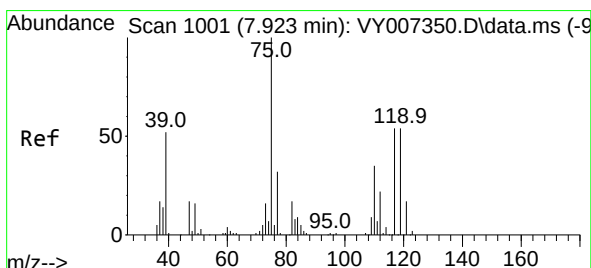
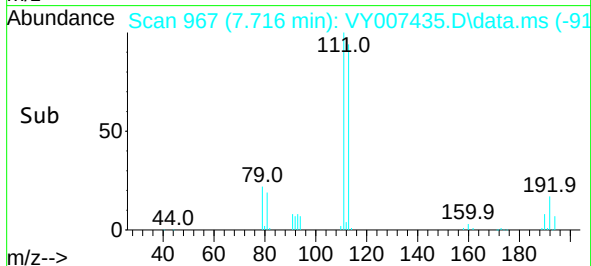
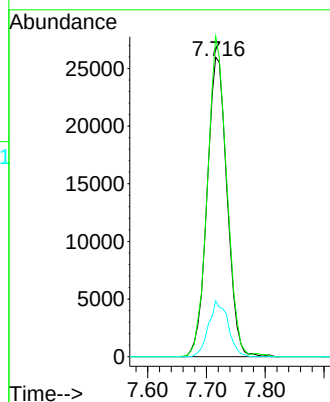
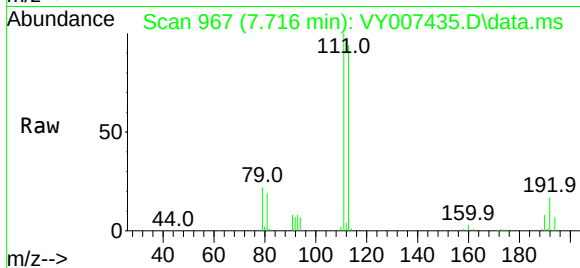
Tgt Ion:113 Resp: 61623

Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.1 17.6 26.4



#36

1,1-Dichloropropene

Concen: 3.877 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY007435.D

Acq: 08 Feb 2022 15:56

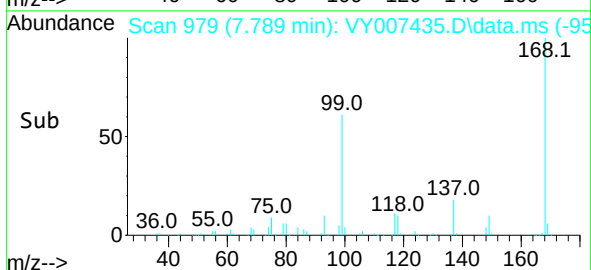
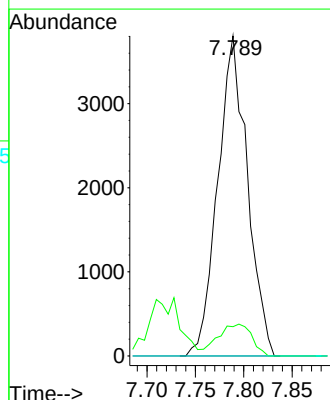
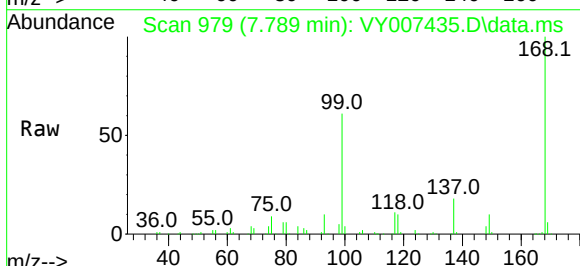
Tgt Ion: 75 Resp: 8089

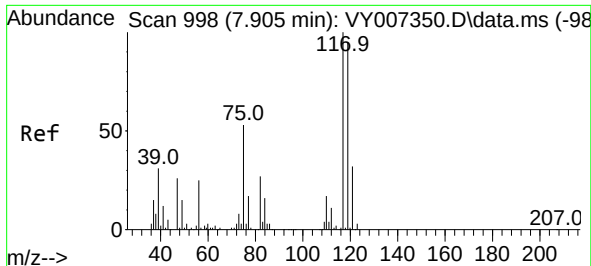
Ion Ratio Lower Upper

75 100

110 11.5 17.1 51.2#

77 0.0 24.4 36.6#

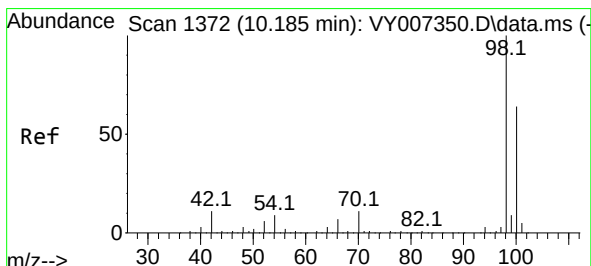
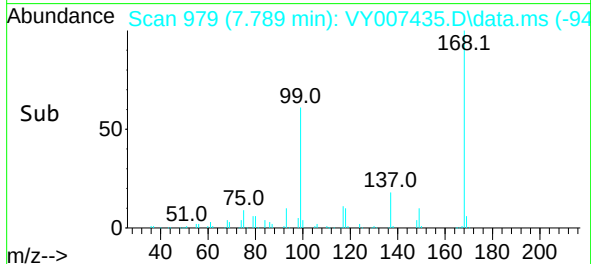
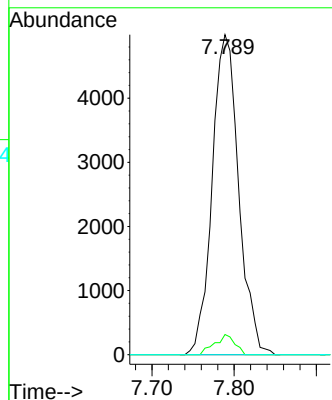
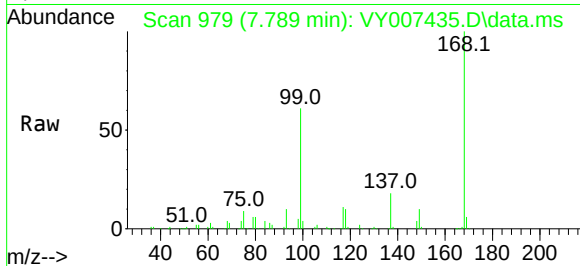




#38
Carbon Tetrachloride
Concen: 5.099 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

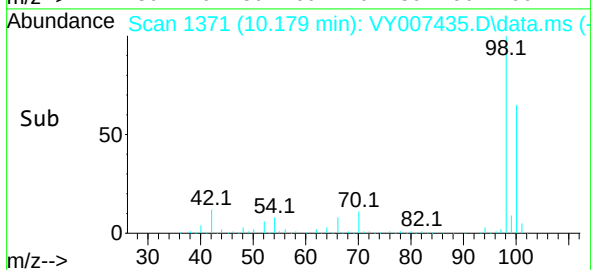
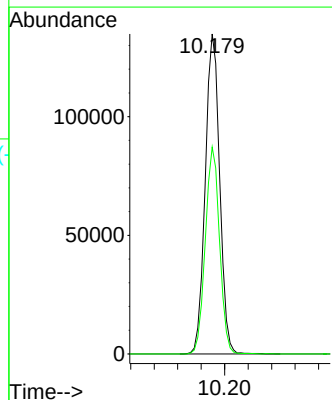
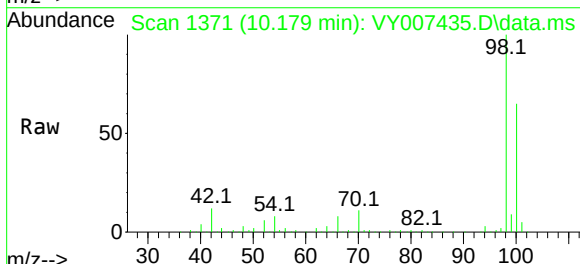
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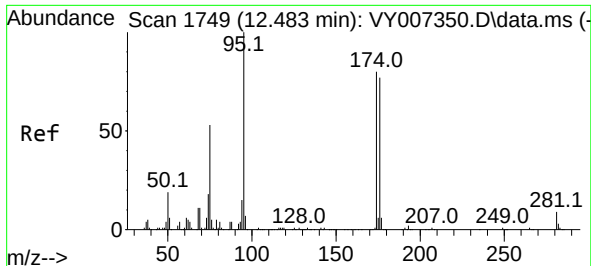
Tgt Ion:117 Resp: 11178
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.156 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

Tgt Ion: 98 Resp: 229990
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

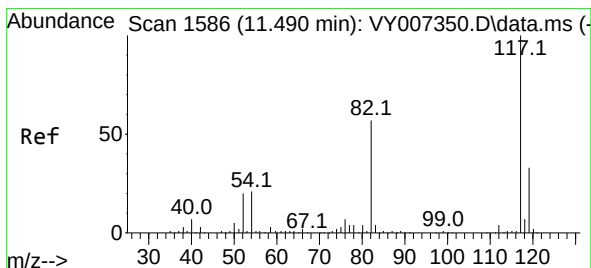
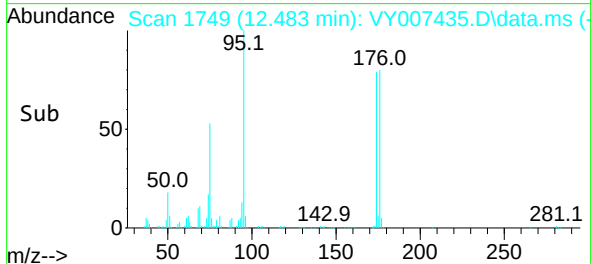
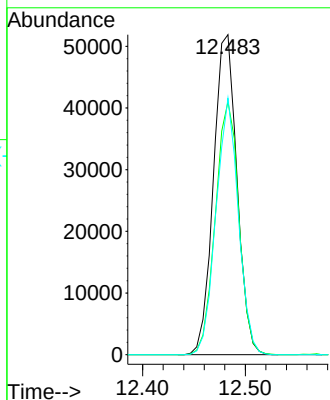
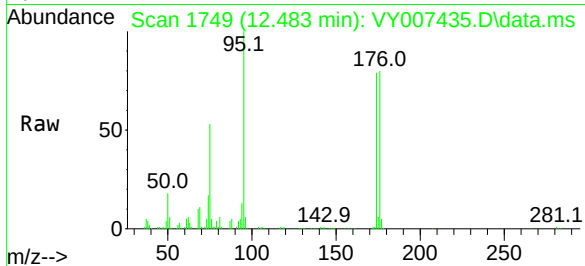




#62
4-Bromofluorobenzene
Concen: 54.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

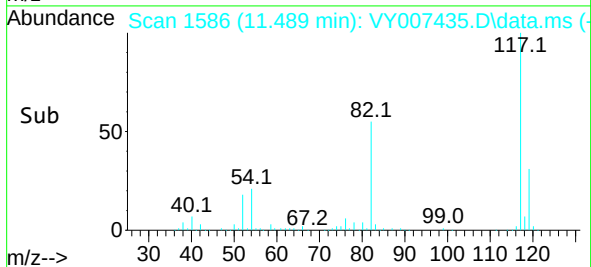
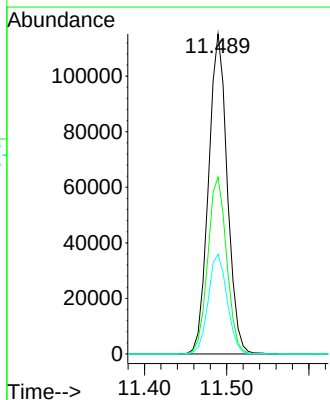
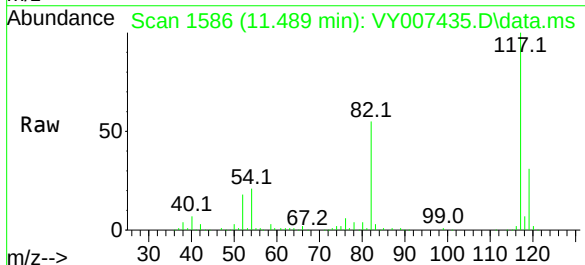
Instrument :
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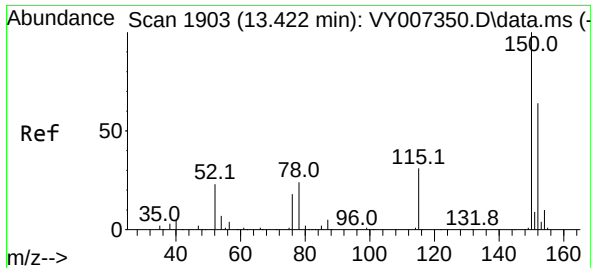
Tgt Ion: 95 Resp: 82393
Ion Ratio Lower Upper
95 100
174 78.7 0.0 177.0
176 76.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007435.D
Acq: 08 Feb 2022 15:56

Tgt Ion: 117 Resp: 182914
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 31.2 25.4 38.0

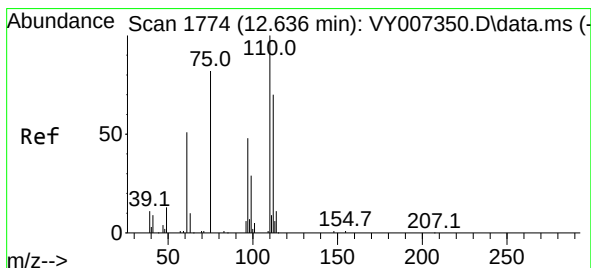
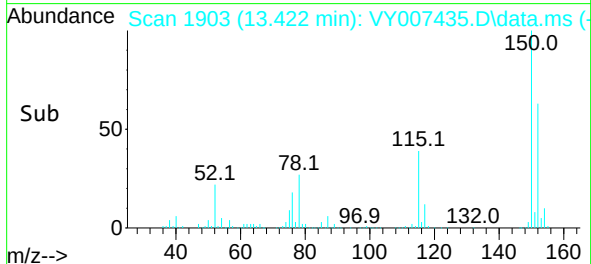
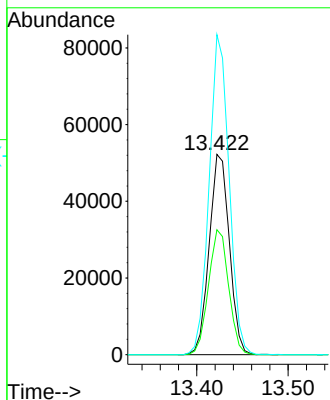
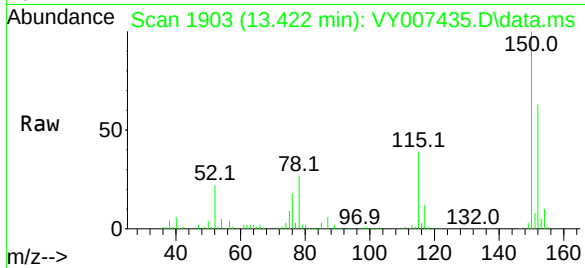




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY007435.D
 Acq: 08 Feb 2022 15:56

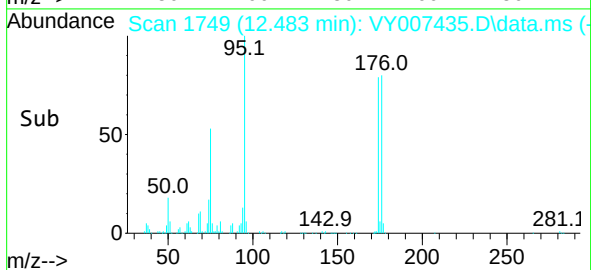
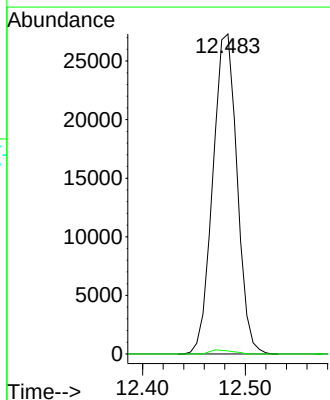
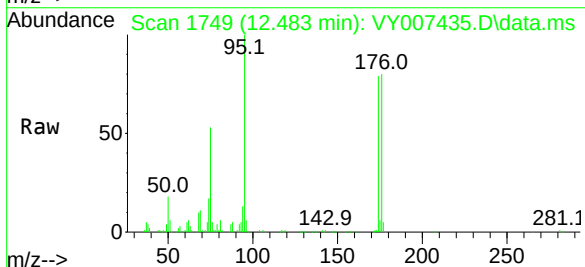
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-6

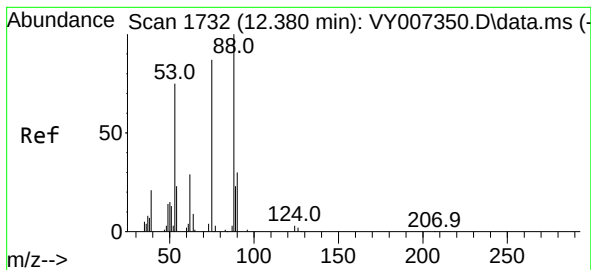
Tgt Ion:152 Resp: 79836
 Ion Ratio Lower Upper
 152 100
 115 62.3 28.2 84.7
 150 157.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.100 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007435.D
 Acq: 08 Feb 2022 15:56

Tgt Ion: 75 Resp: 44703
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.362 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007435.D
 Acq: 08 Feb 2022 15:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-6

Tgt Ion: 75 Resp: 44703
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

