

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007420.D
 Acq On : 07 Feb 2022 18:03
 Operator : SY/MD
 Sample : N1421-05
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Quant Time: Feb 08 00:41:11 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)

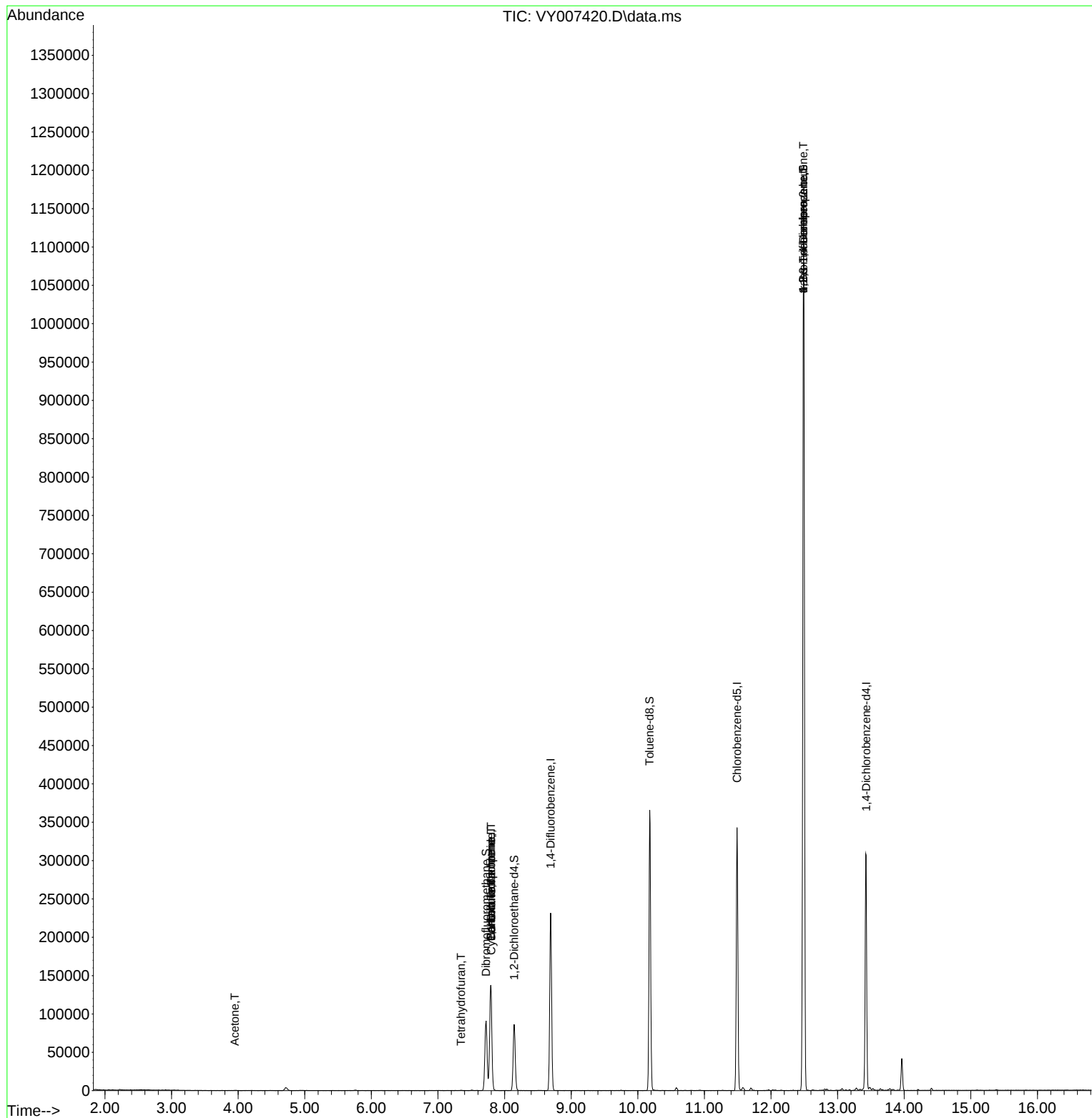
Internal Standards						
1) Pentafluorobenzene	7.795	168	101885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65994	56.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.620%	
35) Dibromofluoromethane	7.722	113	63712	50.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.280%	
50) Toluene-d8	10.179	98	238034	51.209	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.483	95	87201	55.194	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	362	Below Cal	#	85
11) Tert butyl alcohol	4.936	59	263	Below Cal	#	77
16) Acetone	3.948	43	696	1.829	ug/l #	89
29) Tetrahydrofuran	7.344	42	314	1.182	ug/l #	44
31) Cyclohexane	7.801	56	2395	1.047	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	8474	3.853	ug/l #	52
38) Carbon Tetrachloride	7.795	117	11551	4.999	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	56419	61.828	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56419	123.867	ug/l #	10

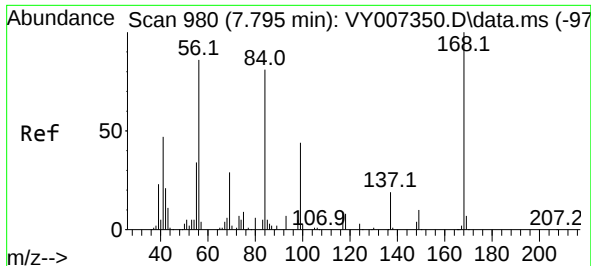
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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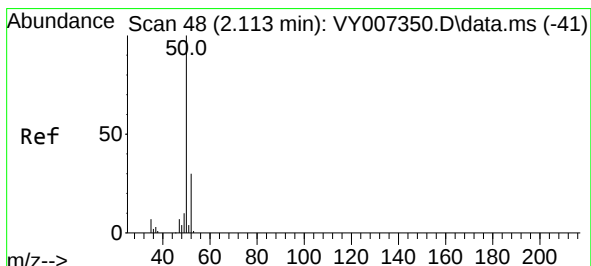
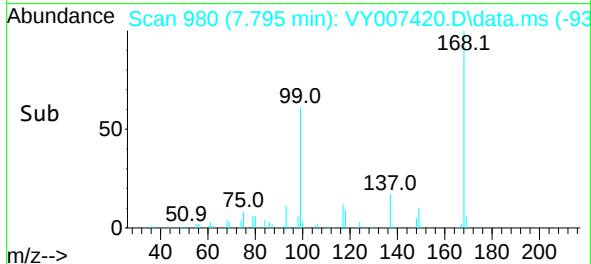
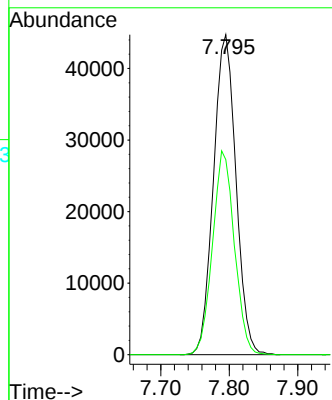
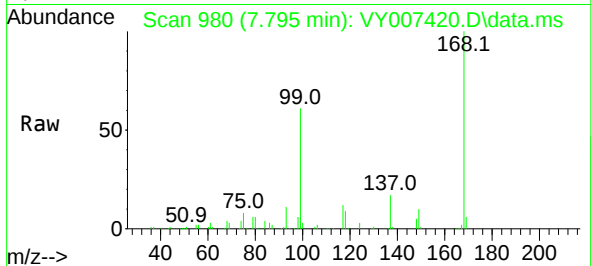




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007420.D
Acq: 07 Feb 2022 18:03

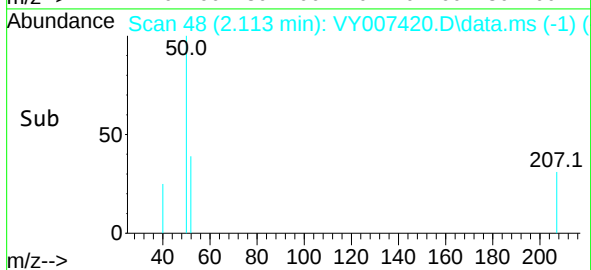
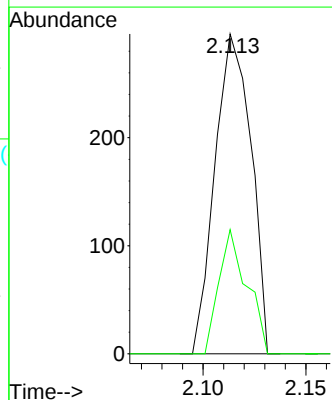
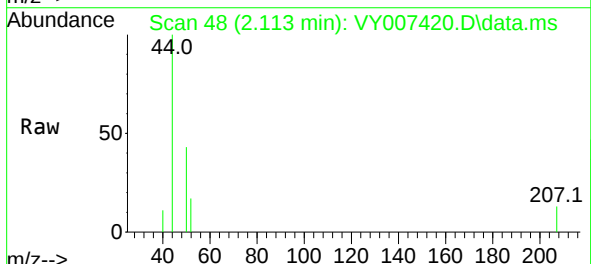
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

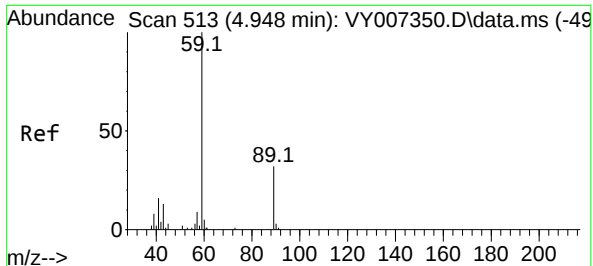
Tgt Ion:168 Resp: 101885
Ion Ratio Lower Upper
168 100
99 60.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007420.D
Acq: 07 Feb 2022 18:03

Tgt Ion: 50 Resp: 362
Ion Ratio Lower Upper
50 100
52 38.9 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY007420.D

Acq: 07 Feb 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

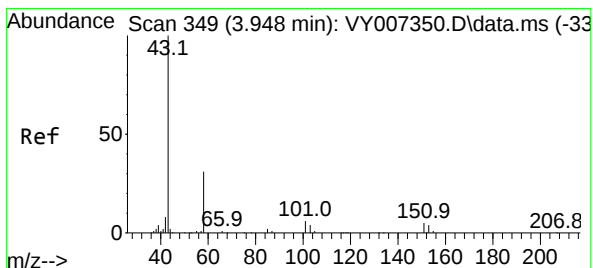
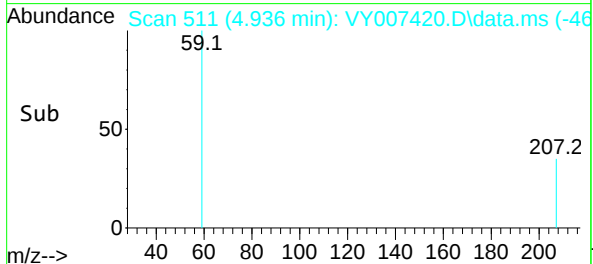
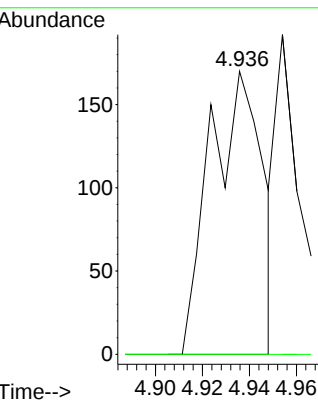
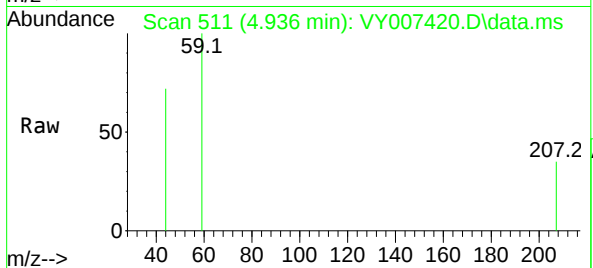
SB-5

Tgt Ion: 59 Resp: 263

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.829 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY007420.D

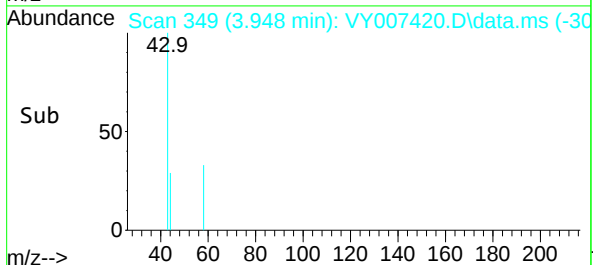
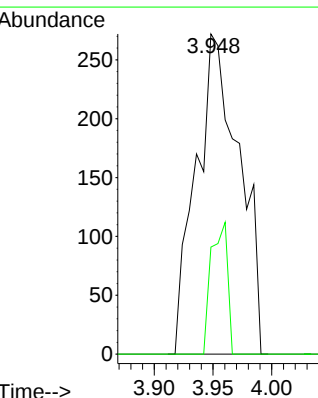
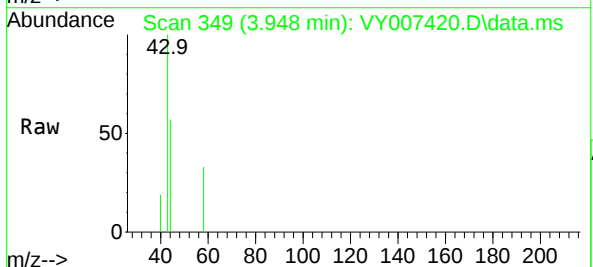
Acq: 07 Feb 2022 18:03

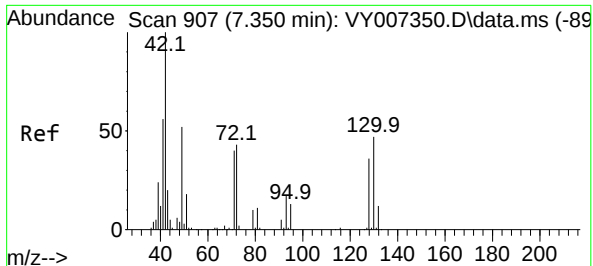
Tgt Ion: 43 Resp: 696

Ion Ratio Lower Upper

43 100

58 33.5 22.0 33.0#





#29

Tetrahydrofuran

Concen: 1.182 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY007420.D

Acq: 07 Feb 2022 18:03

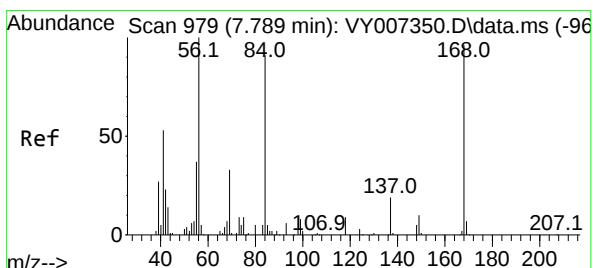
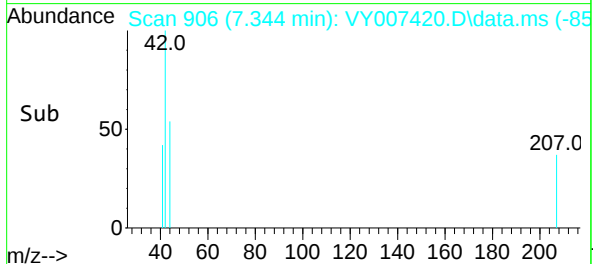
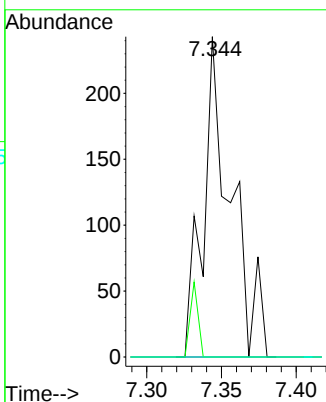
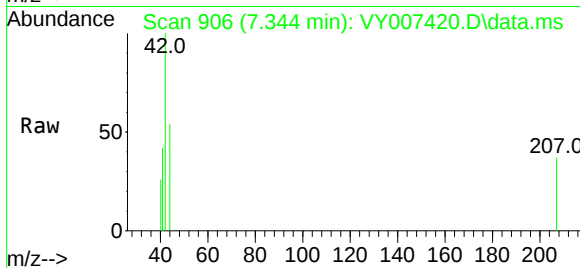
Instrument :

MSVOA_Y

ClientSampleId :

SB-5

Tgt Ion:	42	Resp:	314
Ion	Ratio	Lower	Upper
42	100		
72	6.7	30.3	45.5#
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: 1.047 ug/l

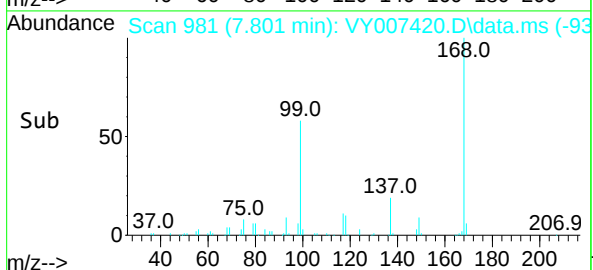
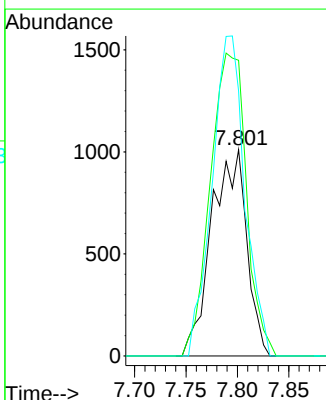
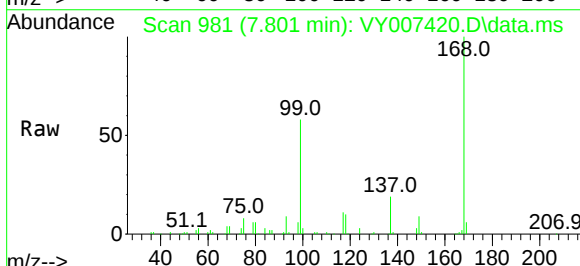
RT: 7.801 min Scan# 981

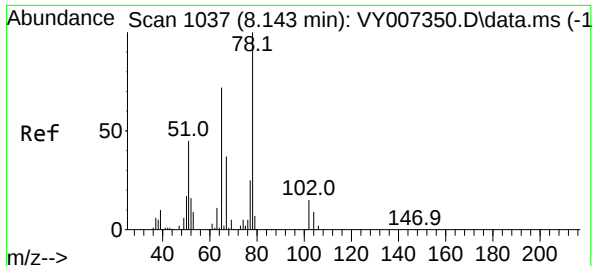
Delta R.T. 0.012 min

Lab File: VY007420.D

Acq: 07 Feb 2022 18:03

Tgt Ion:	56	Resp:	2395
Ion	Ratio	Lower	Upper
56	100		
69	143.3	26.7	40.1#
84	128.4	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.312 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007420.D

Acq: 07 Feb 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

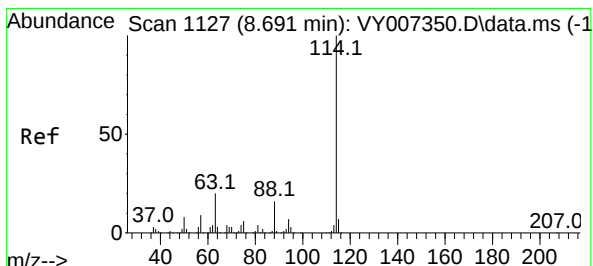
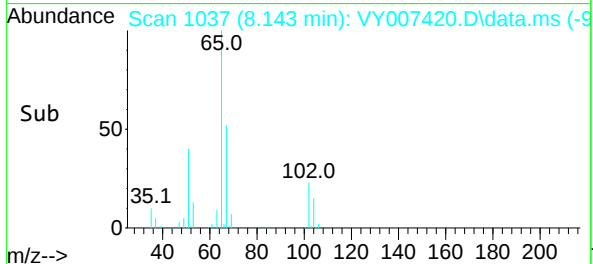
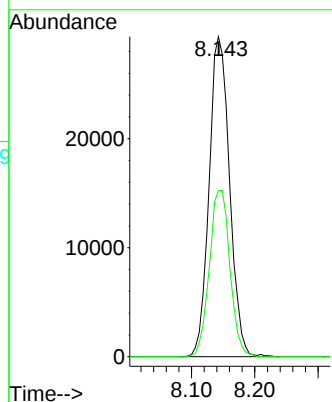
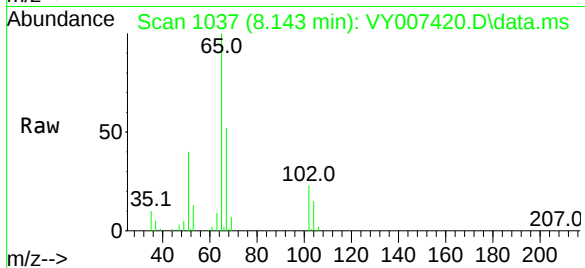
SB-5

Tgt Ion: 65 Resp: 65994

Ion Ratio Lower Upper

65 100

67 52.3 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: VY007420.D

Acq: 07 Feb 2022 18:03

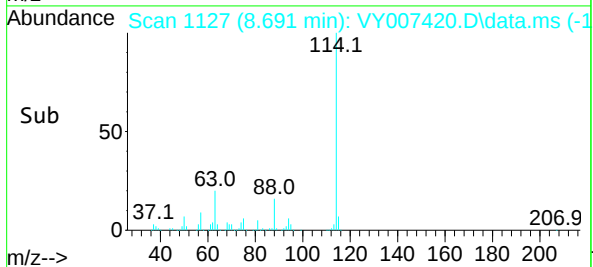
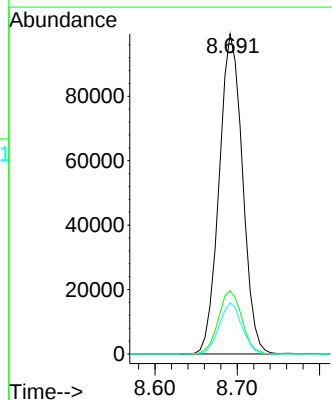
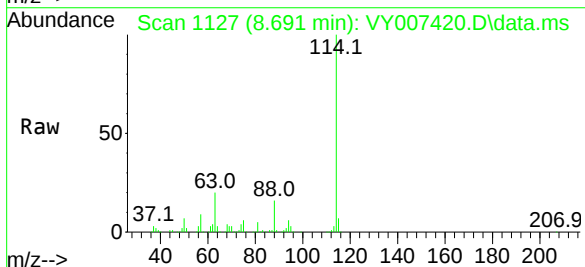
Tgt Ion: 114 Resp: 195933

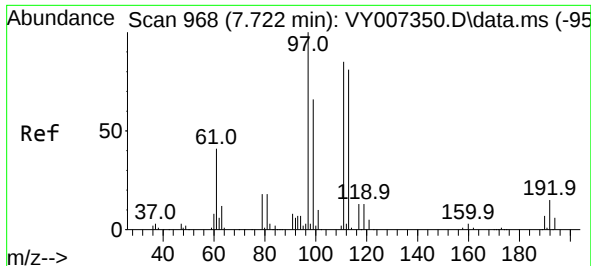
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 16.0 0.0 31.8

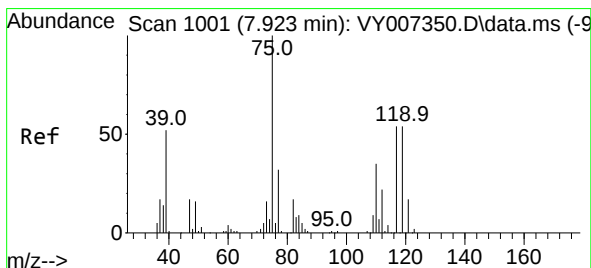
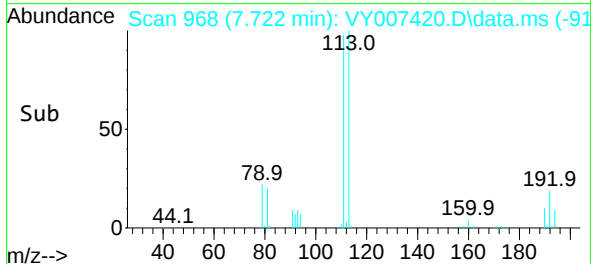
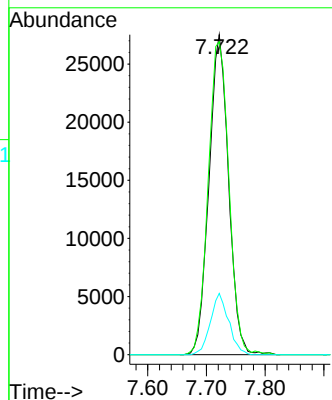
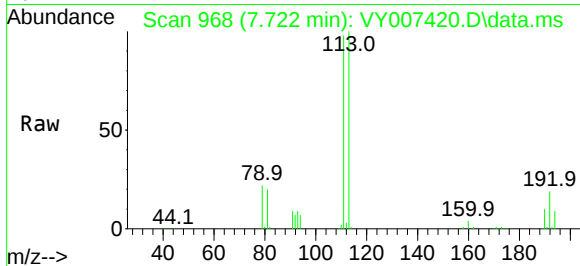




#35
Dibromofluoromethane
Concen: 50.639 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007420.D
Acq: 07 Feb 2022 18:03

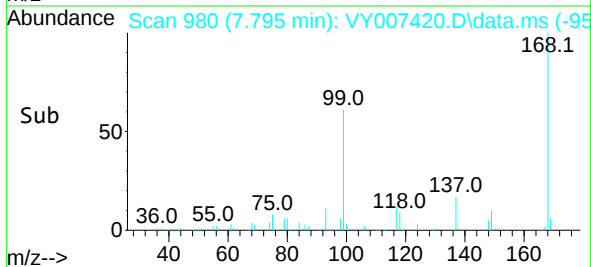
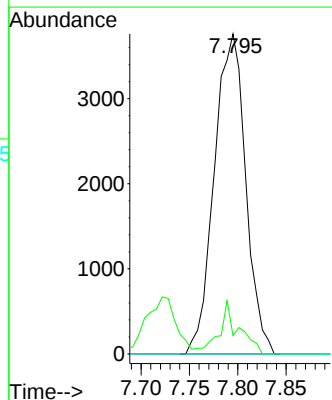
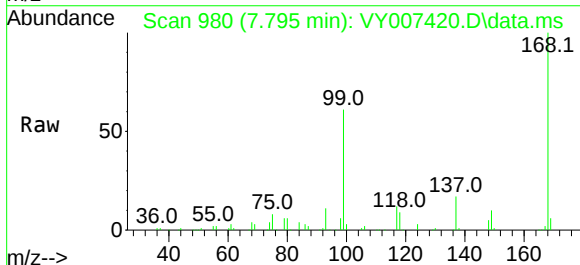
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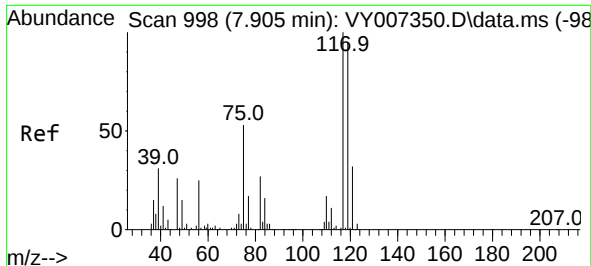
Tgt Ion:113 Resp: 63712
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.853 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007420.D
Acq: 07 Feb 2022 18:03

Tgt Ion: 75 Resp: 8474
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#

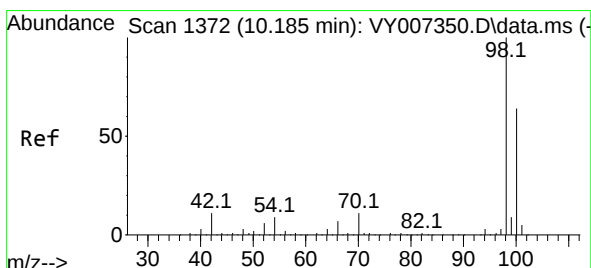
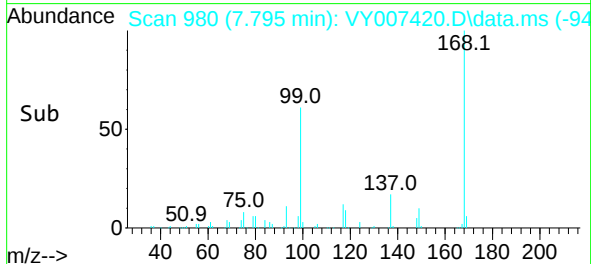
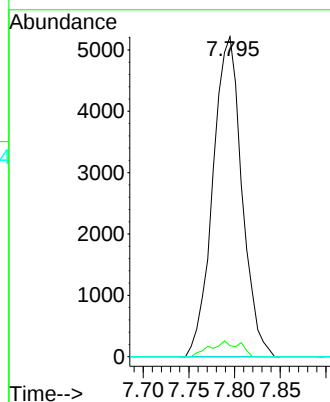
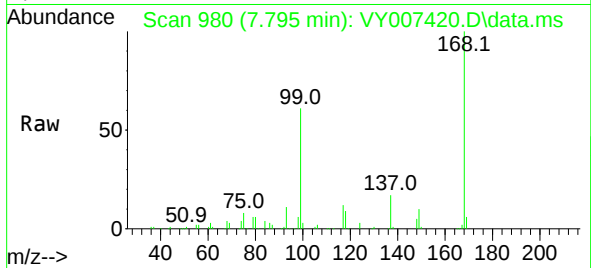




#38
Carbon Tetrachloride
Concen: 4.999 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007420.D
Acq: 07 Feb 2022 18:03

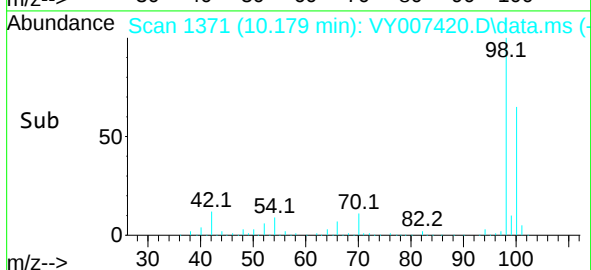
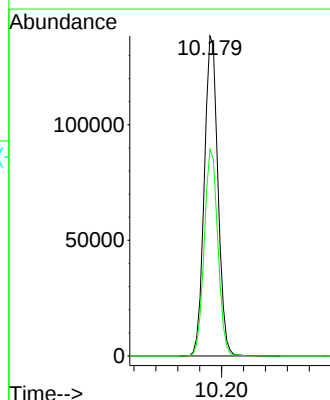
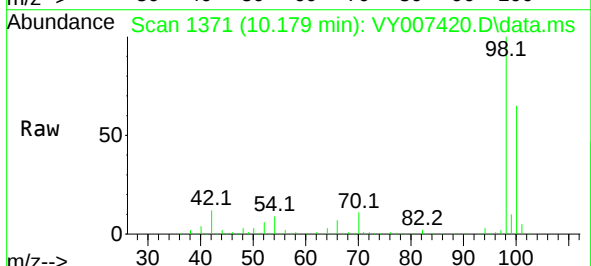
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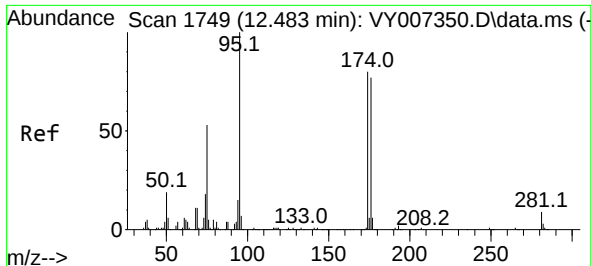
Tgt Ion:117 Resp: 11551
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.209 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007420.D
Acq: 07 Feb 2022 18:03

Tgt Ion: 98 Resp: 238034
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 55.194 ug/l

RT: 12.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007420.D

Acq: 07 Feb 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-5

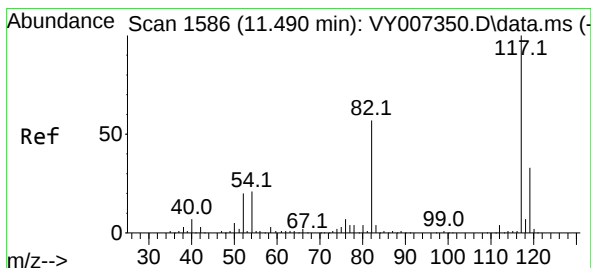
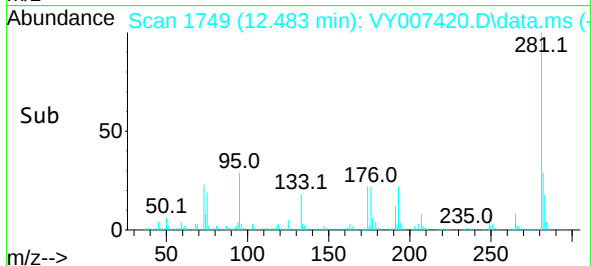
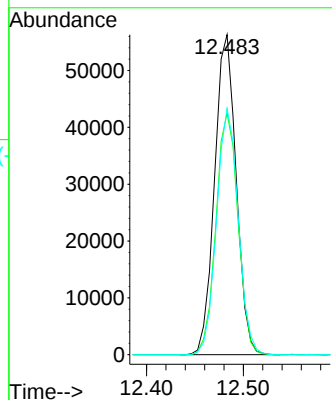
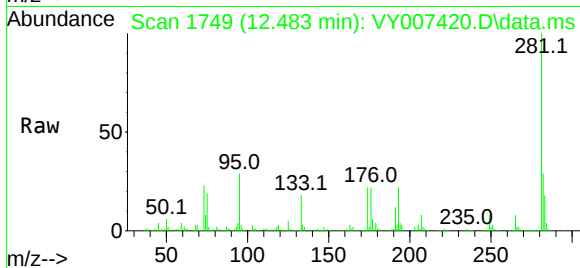
Tgt Ion: 95 Resp: 87201

Ion Ratio Lower Upper

95 100

174 77.0 0.0 177.0

176 77.1 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: VY007420.D

Acq: 07 Feb 2022 18:03

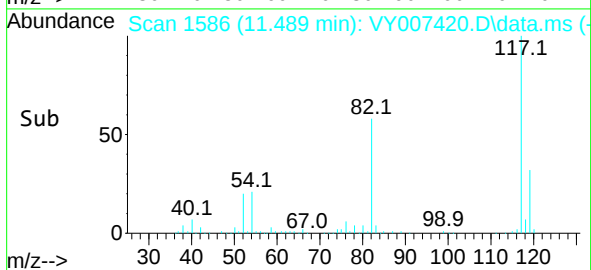
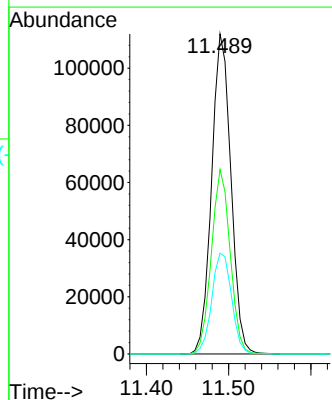
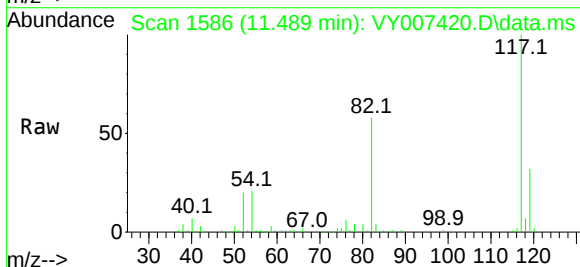
Tgt Ion: 117 Resp: 182525

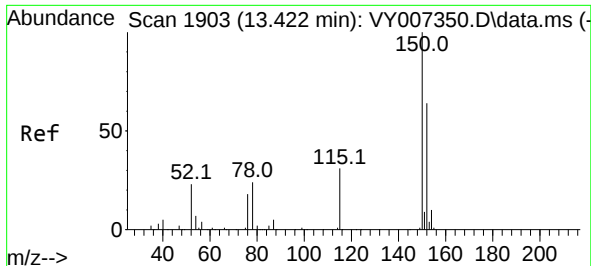
Ion Ratio Lower Upper

117 100

82 57.6 43.0 64.4

119 31.5 25.4 38.0

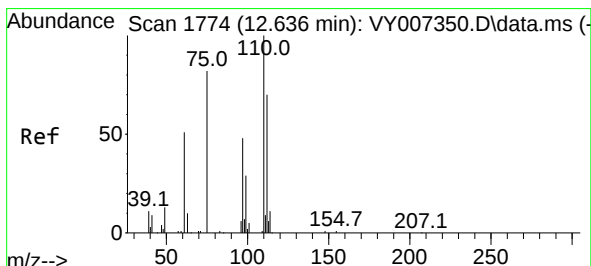
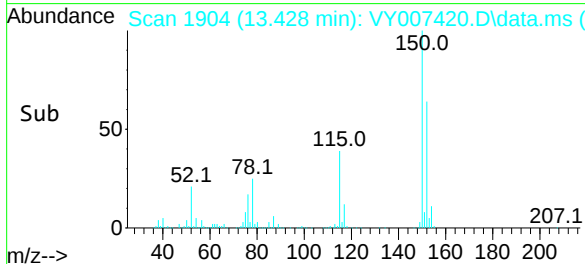
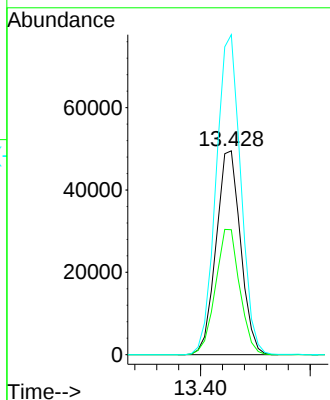
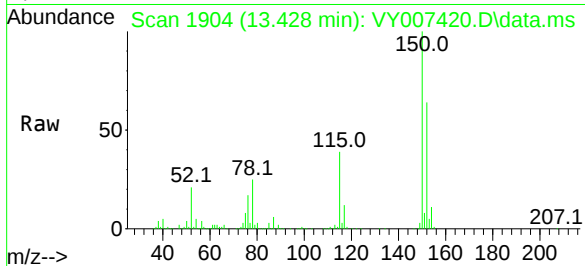




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007420.D
 Acq: 07 Feb 2022 18:03

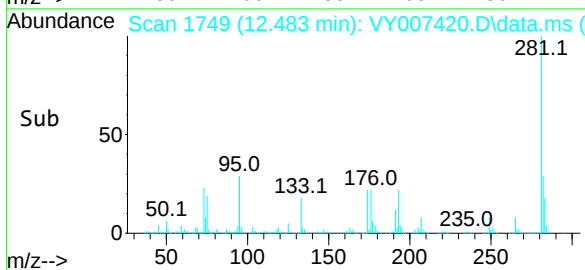
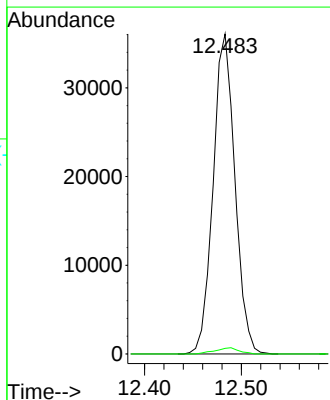
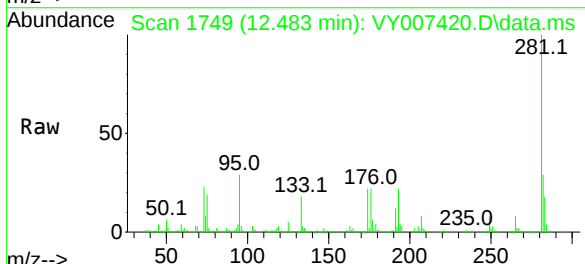
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

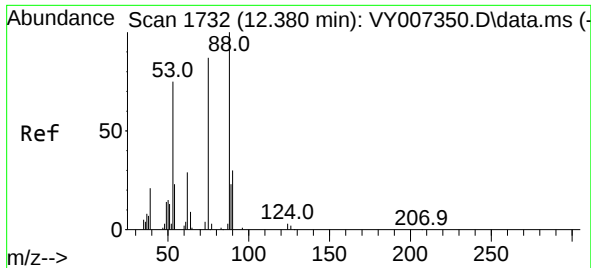
Tgt Ion:152 Resp: 76759
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.2 84.7
 150 158.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 61.828 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007420.D
 Acq: 07 Feb 2022 18:03

Tgt Ion: 75 Resp: 56419
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.867 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007420.D
 Acq: 07 Feb 2022 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Tgt Ion: 75 Resp: 56419
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 5.6 37.0 55.4#

