

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013122\
 Data File : VY007342.D
 Acq On : 31 Jan 2022 16:52
 Operator : SY/MD
 Sample : N1333-07
 Misc : 3.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Feb 01 01:53:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

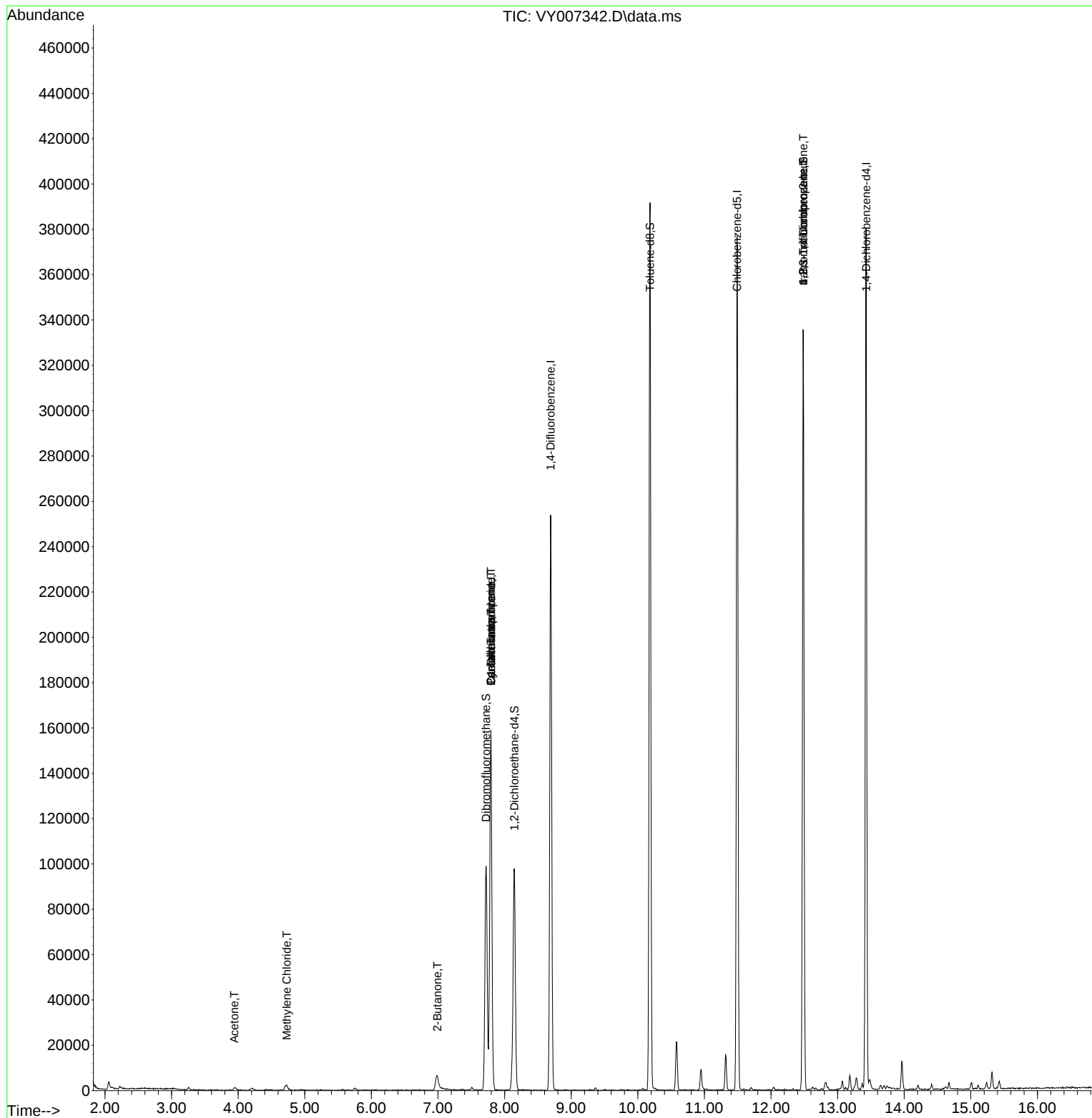
Internal Standards						
1) Pentafluorobenzene	7.795	168	114325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75181	53.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.180%	
35) Dibromofluoromethane	7.722	113	71192	49.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.820%	
50) Toluene-d8	10.185	98	261009	49.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.483	95	93778	50.077	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	271	Below Cal	#	73
16) Acetone	3.942	43	2205	6.057	ug/l #	85
20) Methylene Chloride	4.729	84	1785	1.186	ug/l	97
25) 2-Butanone	6.990	43	612	1.300	ug/l #	47
31) Cyclohexane	7.795	56	2649	1.117	ug/l #	8
36) 1,1-Dichloropropene	7.795	75	10115	4.396	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12762	5.273	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52242	51.490	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52242	94.264	ug/l #	3

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

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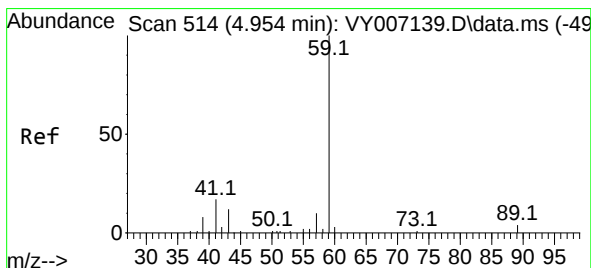
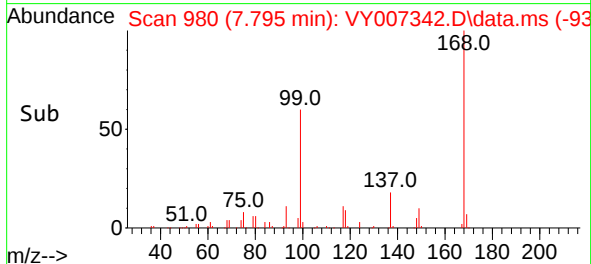
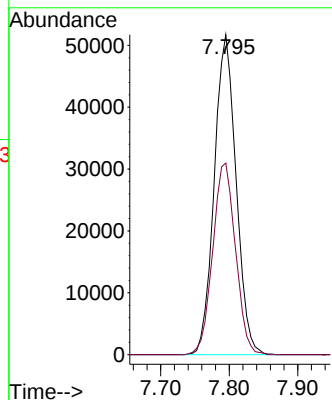
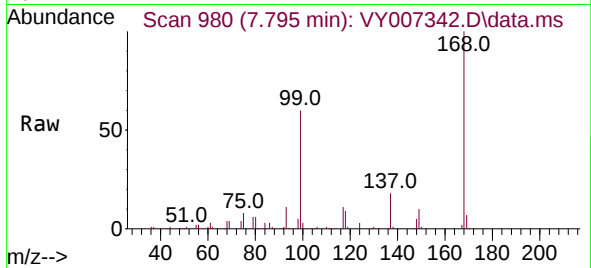




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007342.D
Acq: 31 Jan 2022 16:52

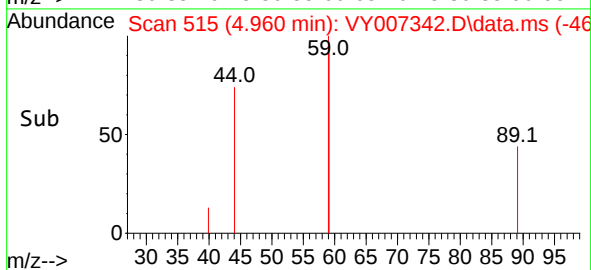
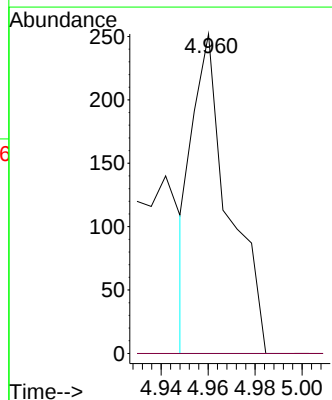
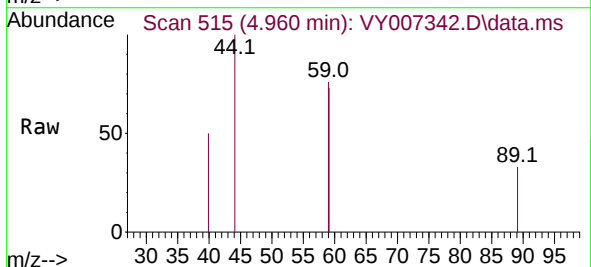
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

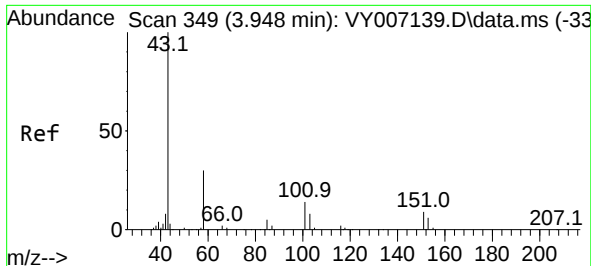
Tgt Ion:168 Resp: 114325
Ion Ratio Lower Upper
168 100
99 59.9 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY007342.D
Acq: 31 Jan 2022 16:52

Tgt Ion: 59 Resp: 271
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

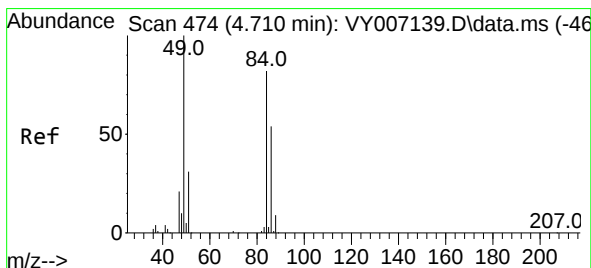
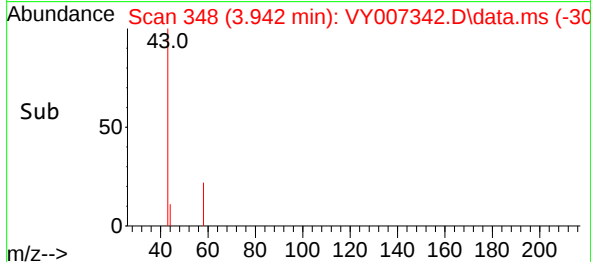
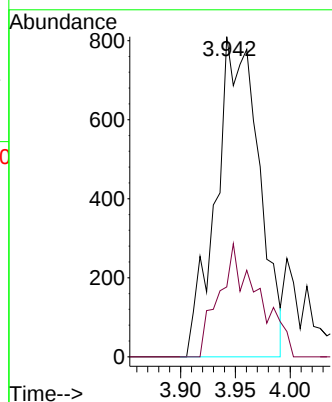
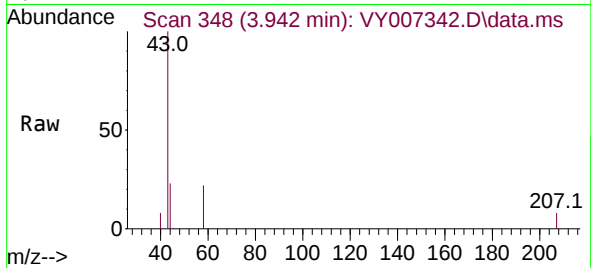




#16
Acetone
Concen: 6.057 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007342.D
Acq: 31 Jan 2022 16:52

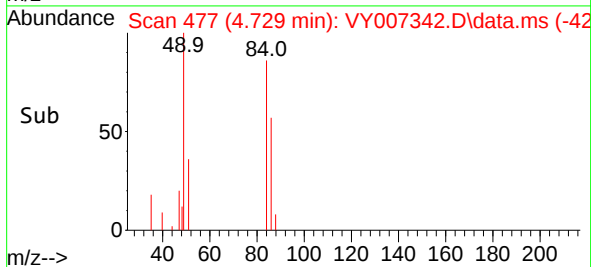
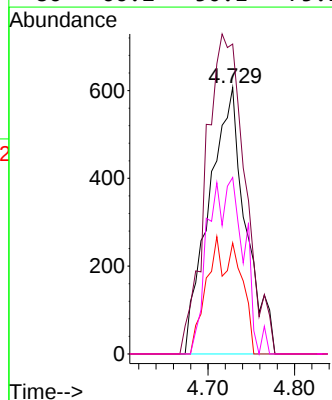
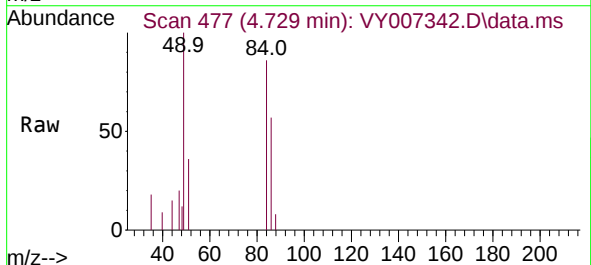
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

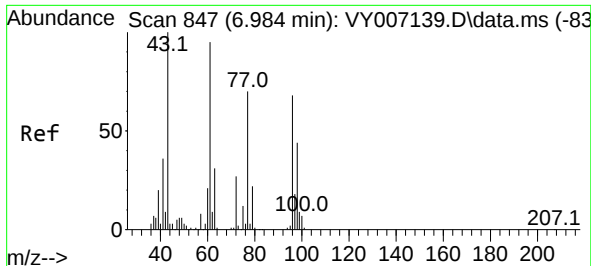
Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 21.9 23.8 35.6#



#20
Methylene Chloride
Concen: 1.186 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY007342.D
Acq: 31 Jan 2022 16:52

Tgt Ion: 84 Resp: 1785
Ion Ratio Lower Upper
84 100
49 116.3 92.6 139.0
51 41.7 28.6 42.8
86 66.2 50.1 75.1





#25

2-Butanone

Concen: 1.300 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.007 min

Lab File: VY007342.D

Acq: 31 Jan 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

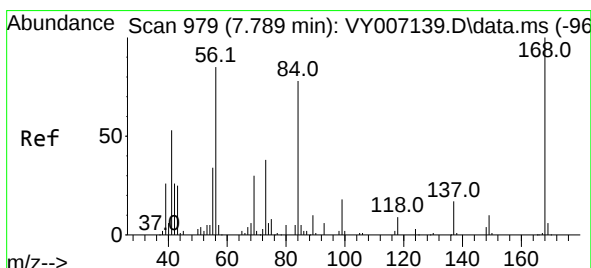
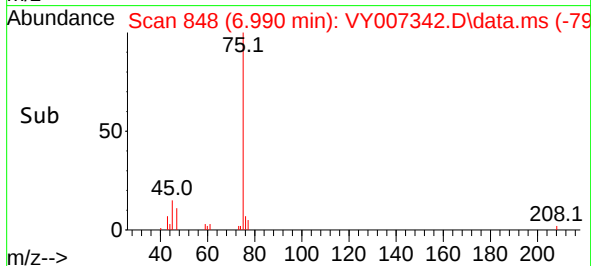
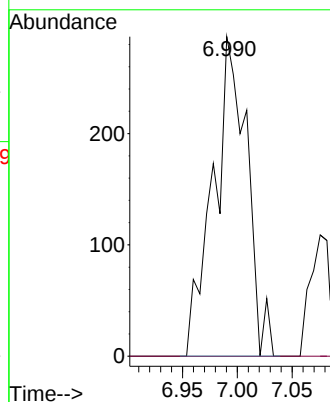
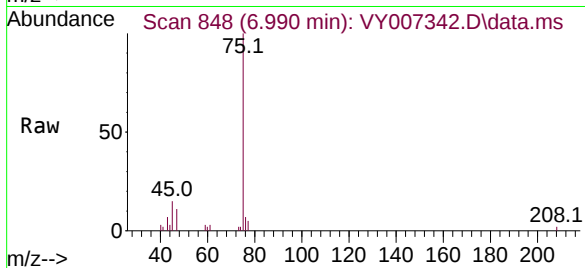
SB-7

Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#31

Cyclohexane

Concen: 1.117 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY007342.D

Acq: 31 Jan 2022 16:52

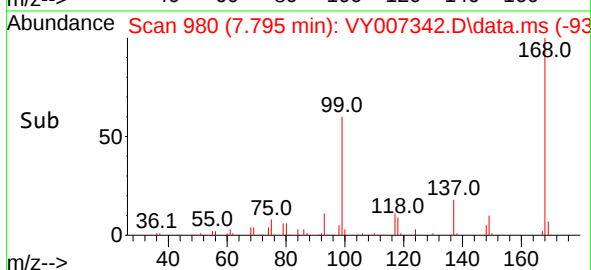
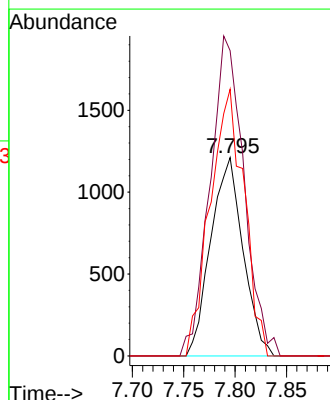
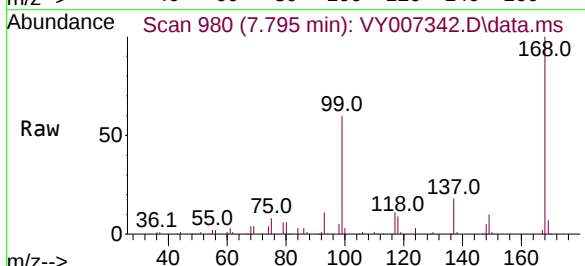
Tgt Ion: 56 Resp: 2649

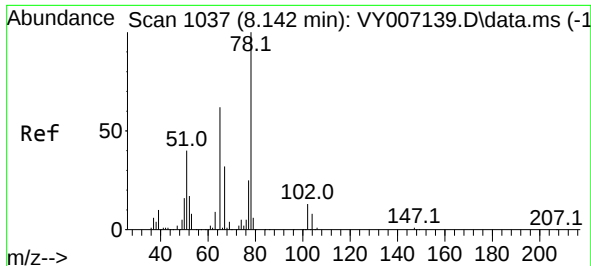
Ion Ratio Lower Upper

56 100

69 153.9 27.2 40.8#

84 134.5 72.1 108.1#

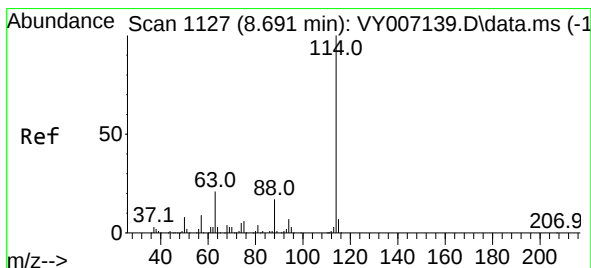
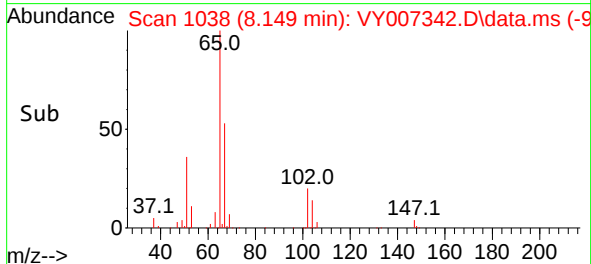
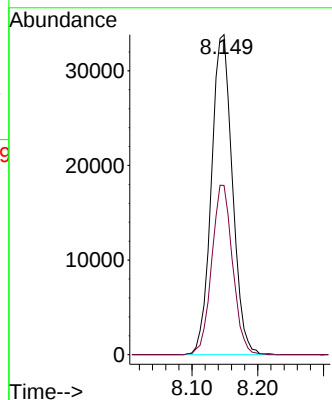
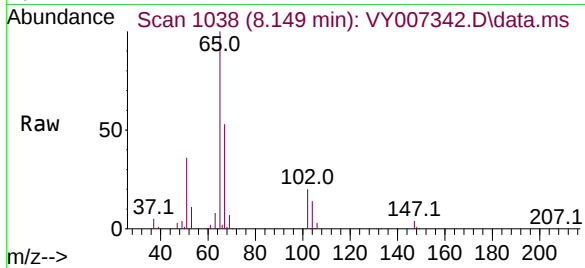




#33
 1,2-Dichloroethane-d4
 Concen: 53.594 ug/l
 RT: 8.149 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY007342.D
 Acq: 31 Jan 2022 16:52

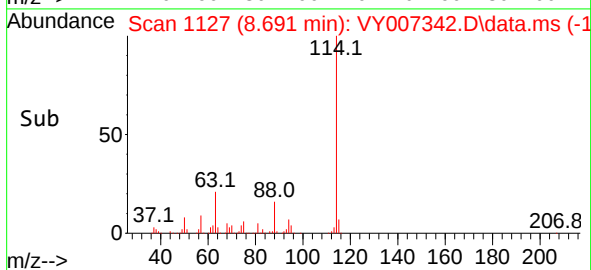
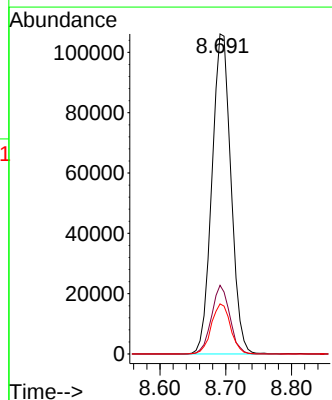
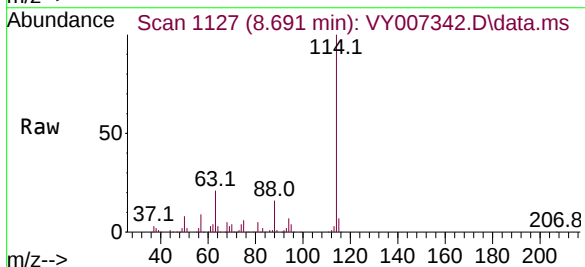
Instrument :
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 ClientSampleId :
 SB-7

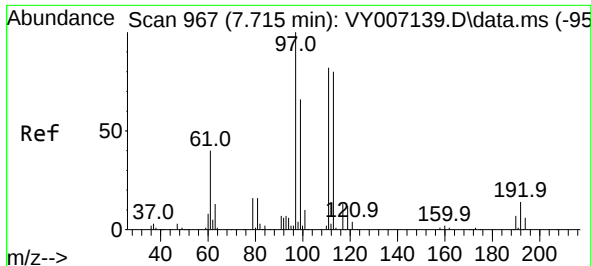
Tgt Ion: 65 Resp: 75181
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007342.D
 Acq: 31 Jan 2022 16:52

Tgt Ion: 114 Resp: 213074
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.2
 88 15.7 0.0 31.0

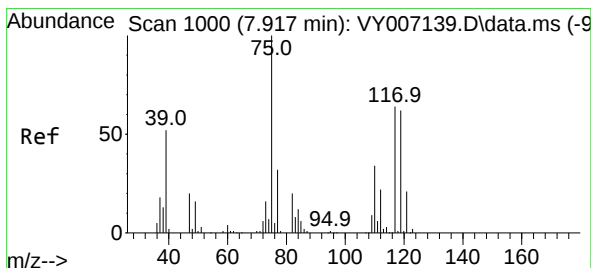
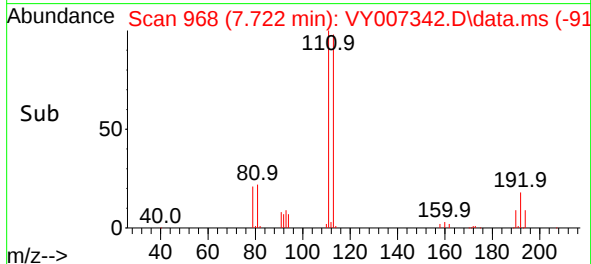
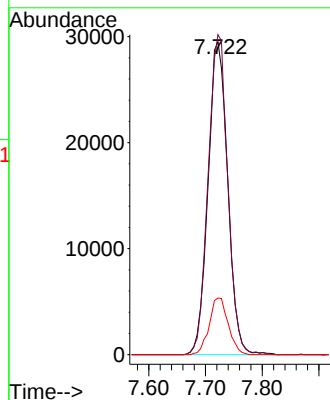
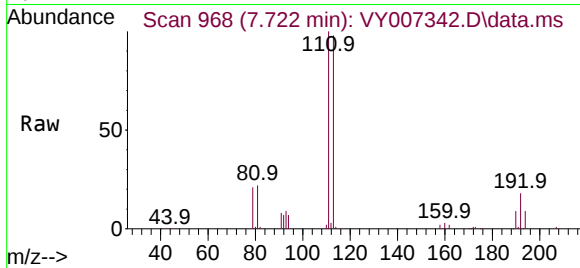




#35
Dibromofluoromethane
Concen: 49.412 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007342.D
Acq: 31 Jan 2022 16:52

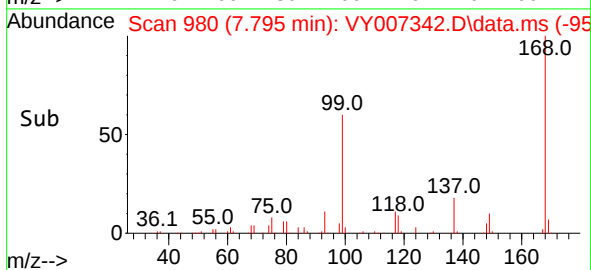
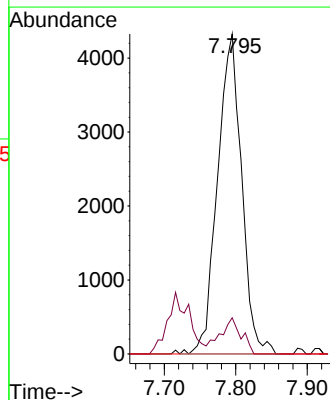
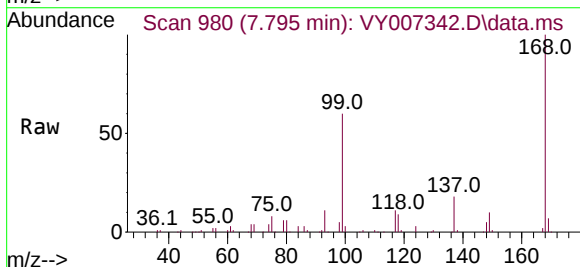
Instrument :
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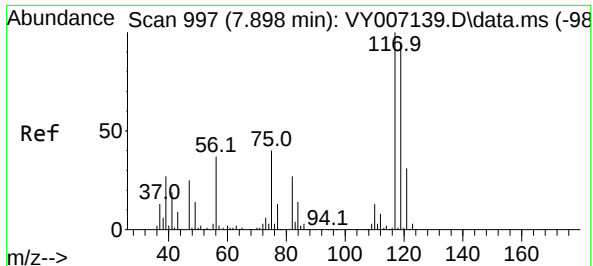
Tgt Ion:113 Resp: 71192
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.396 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007342.D
Acq: 31 Jan 2022 16:52

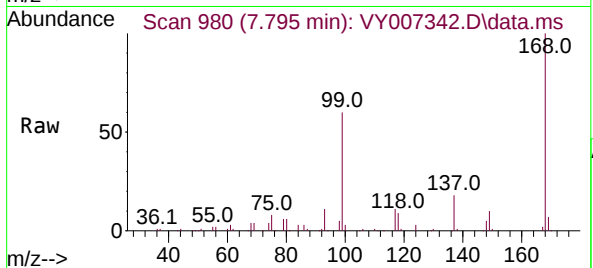
Tgt Ion: 75 Resp: 10115
Ion Ratio Lower Upper
75 100
110 9.9 17.3 51.9#
77 0.0 24.7 37.1#



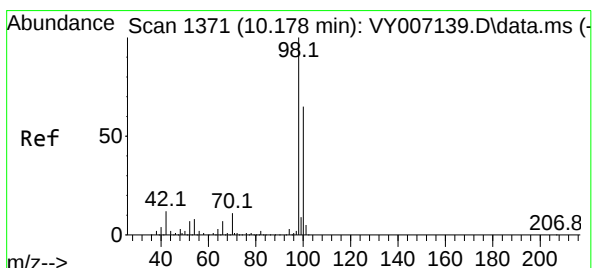
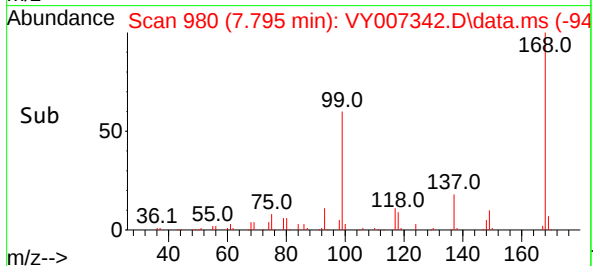
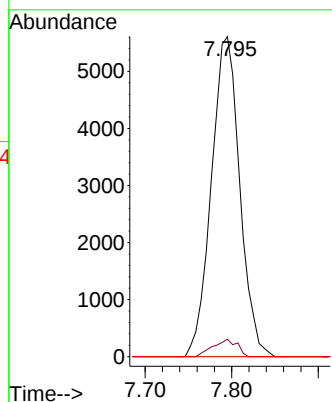


#38
Carbon Tetrachloride
Concen: 5.273 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY007342.D
Acq: 31 Jan 2022 16:52

Instrument :
MSVOA_Y
ClientSampleId :
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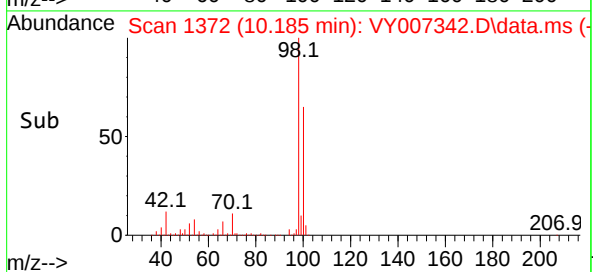
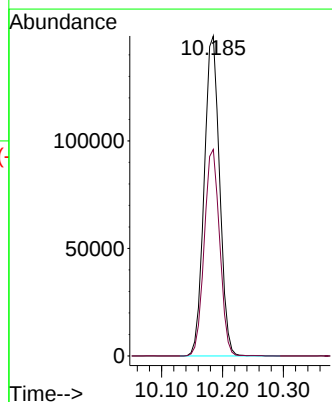
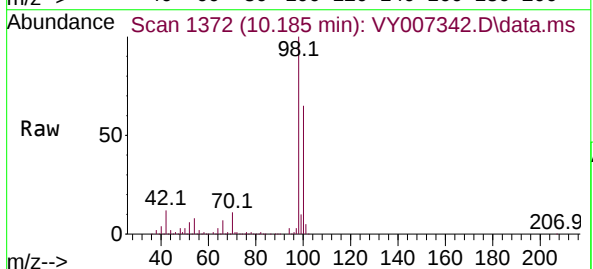


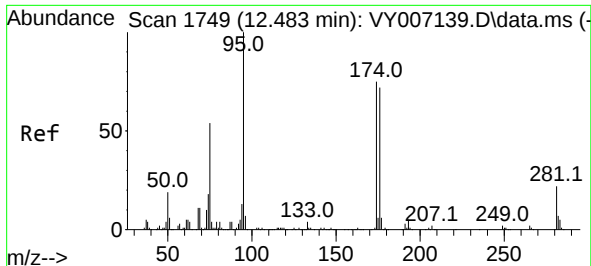
Tgt Ion:117 Resp: 12762
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.579 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007342.D
Acq: 31 Jan 2022 16:52

Tgt Ion: 98 Resp: 261009
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 50.077 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007342.D

Acq: 31 Jan 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

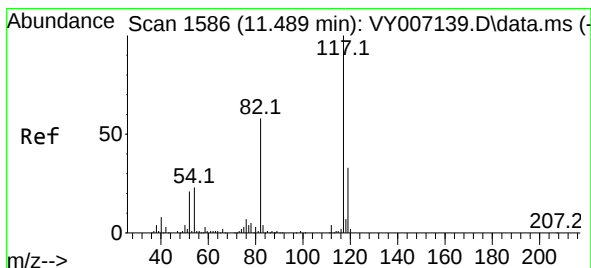
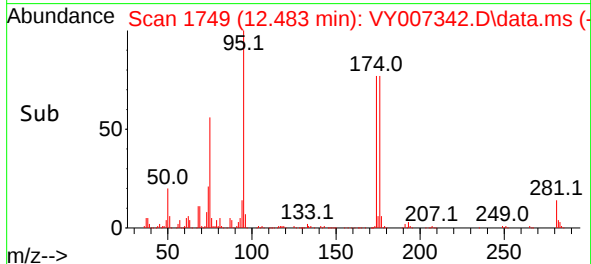
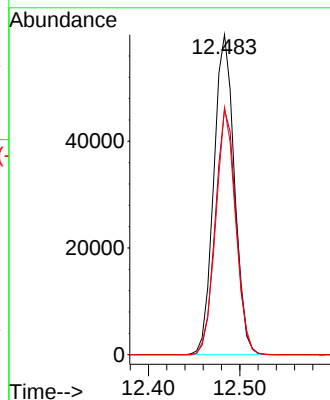
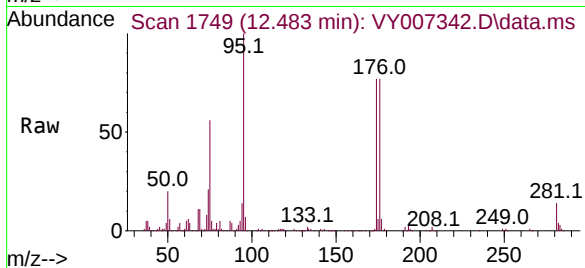
Tgt Ion: 95 Resp: 93778

Ion Ratio Lower Upper

95 100

174 77.3 0.0 148.4

176 74.5 0.0 146.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY007342.D

Acq: 31 Jan 2022 16:52

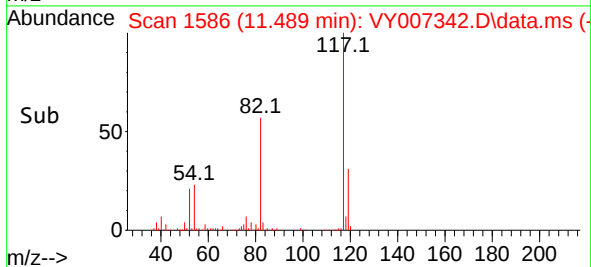
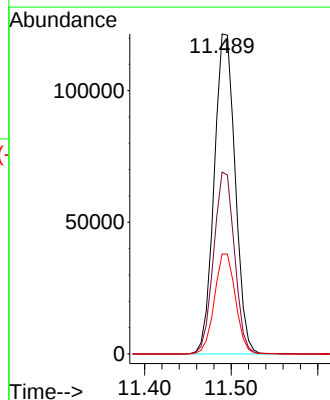
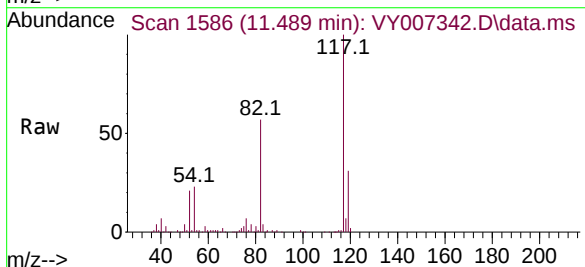
Tgt Ion: 117 Resp: 204655

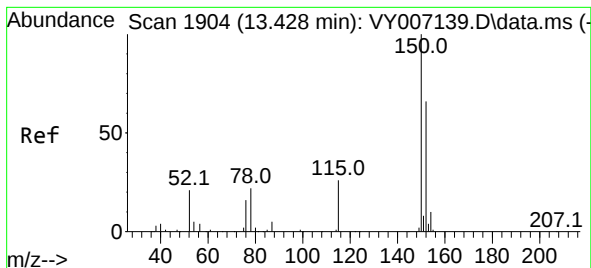
Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.0

119 31.2 26.4 39.6

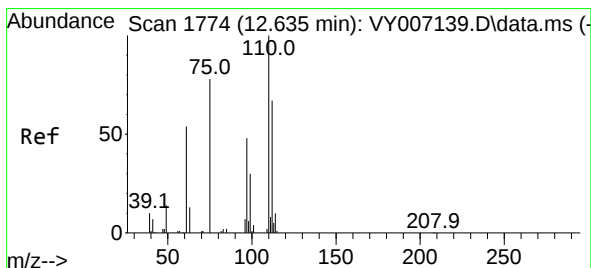
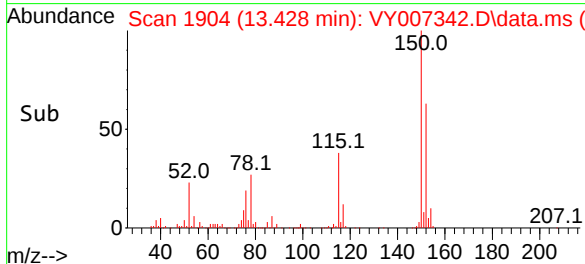
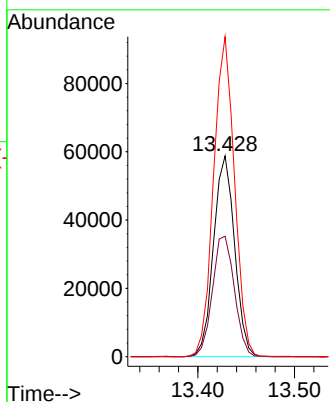
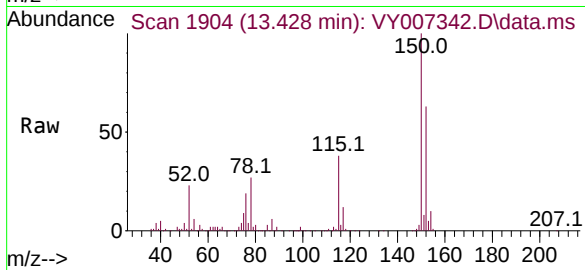




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007342.D
 Acq: 31 Jan 2022 16:52

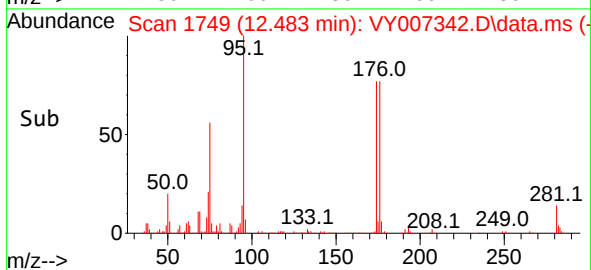
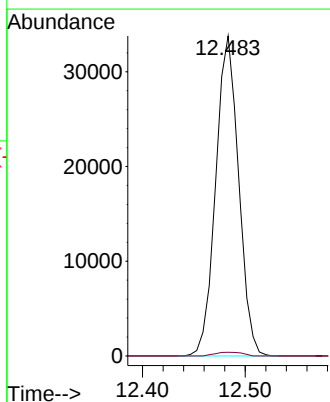
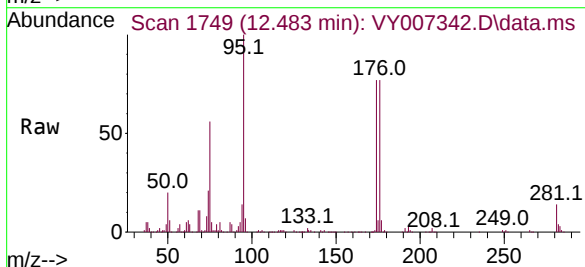
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

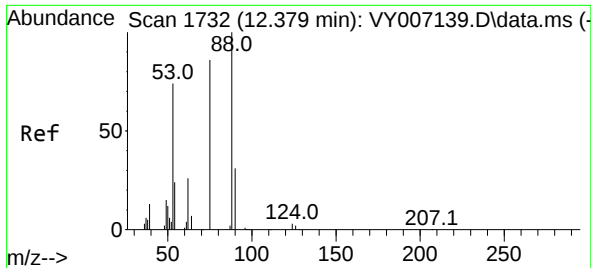
Tgt Ion:152 Resp: 88980
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.4 94.0
 150 158.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 51.490 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007342.D
 Acq: 31 Jan 2022 16:52

Tgt Ion: 75 Resp: 52242
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.264 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007342.D
 Acq: 31 Jan 2022 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Tgt Ion: 75 Resp: 52242
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.3 0.0 0.0#

