

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008640.D
 Acq On : 05 May 2022 03:14
 Operator : KP/MD
 Sample : N2665-03
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8,6

Quant Time: May 05 04:43:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

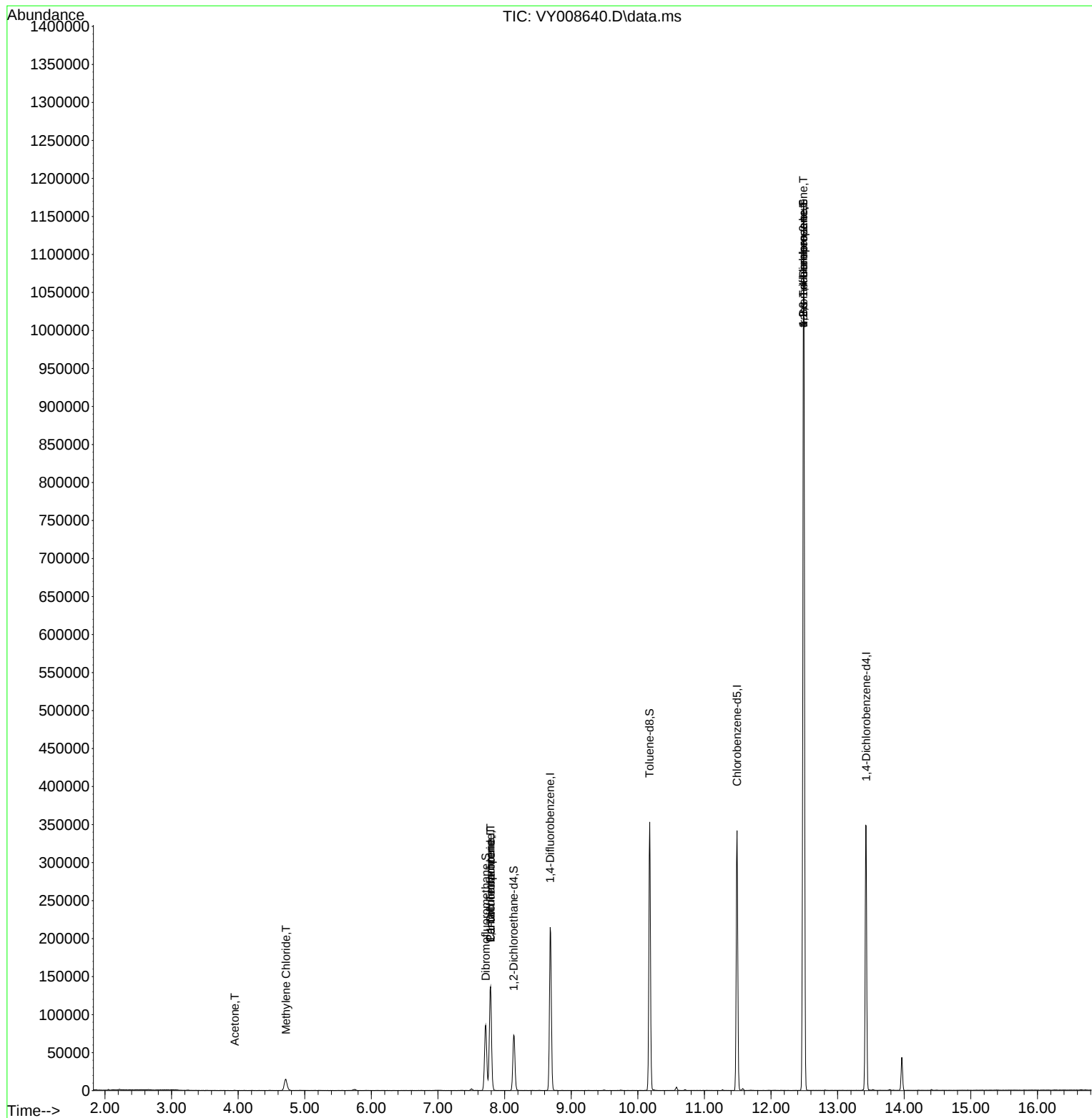
Internal Standards						
1) Pentafluorobenzene	7.789	168	117503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	200401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56131	49.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.300%
35) Dibromofluoromethane	7.716	113	61839	46.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.260%
50) Toluene-d8	10.179	98	240275	51.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.280%
62) 4-Bromofluorobenzene	12.483	95	87304	50.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.400%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	71	Below Cal	#	32
11) Tert butyl alcohol	4.954	59	143	Below Cal	#	77
16) Acetone	3.948	43	377	1.532	ug/l #	47
18) Methyl Acetate	4.472	43	428	Below Cal	#	67
20) Methylene Chloride	4.716	84	12292	2.687	ug/l #	74
36) 1,1-Dichloropropene	7.789	75	7518	3.646	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10612	4.511	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	48014	45.135	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48014	91.507	ug/l #	9

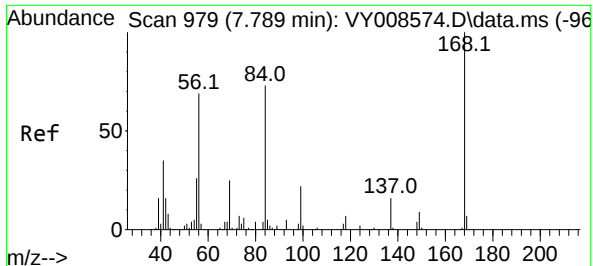
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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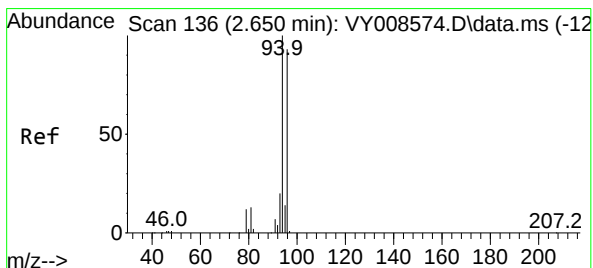
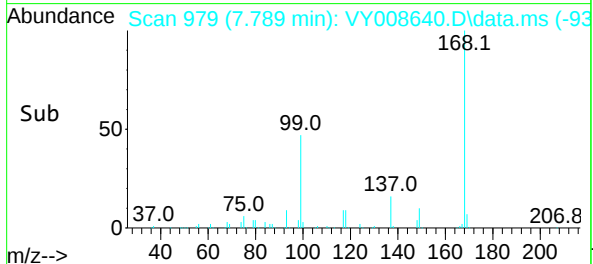
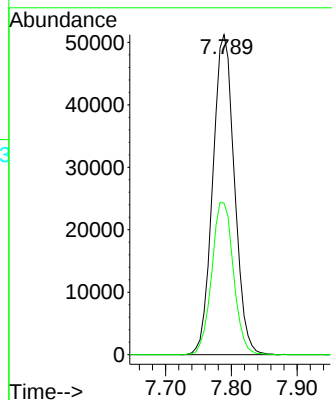
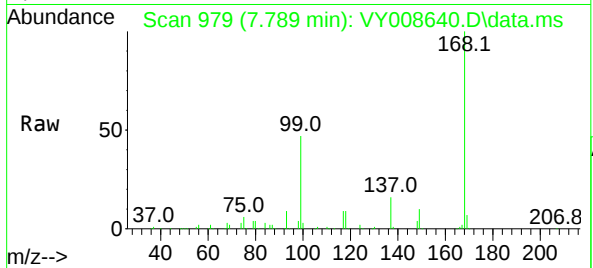




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008640.D
Acq: 05 May 2022 03:14

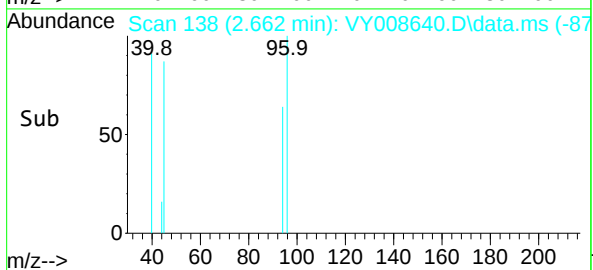
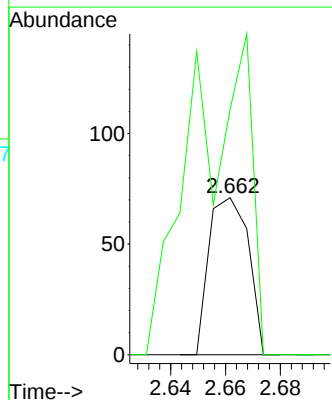
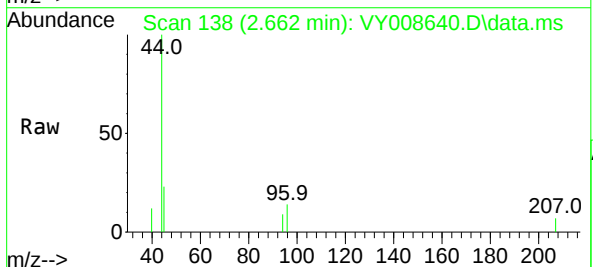
Instrument :
MSVOA_Y
ClientSampleId :
SB-8,6

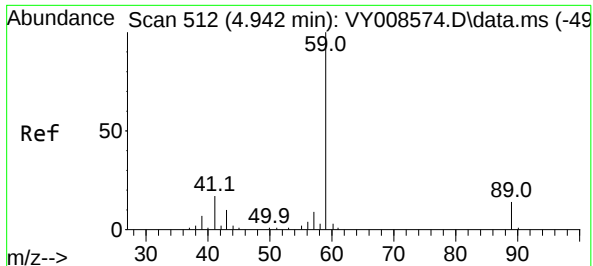
Tgt Ion:168 Resp: 117503
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008640.D
Acq: 05 May 2022 03:14

Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 156.3 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 512

Delta R.T. 0.012 min

Lab File: VY008640.D

Acq: 05 May 2022 03:14

Instrument :

MSVOA_Y

ClientSampleId :

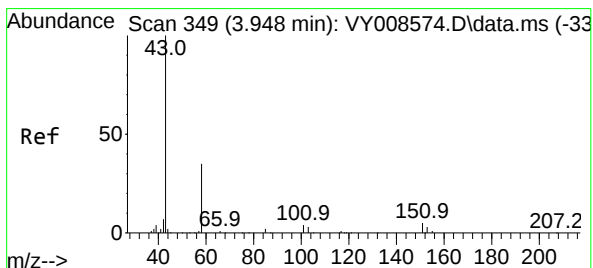
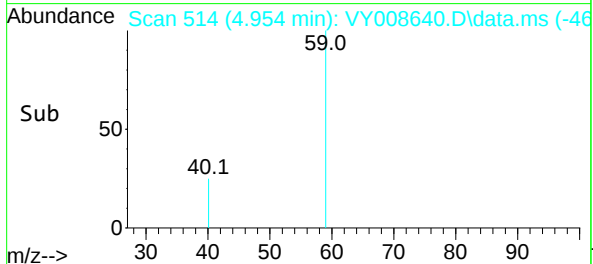
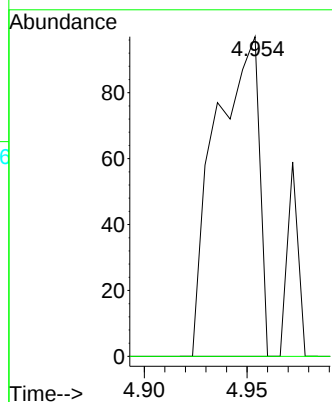
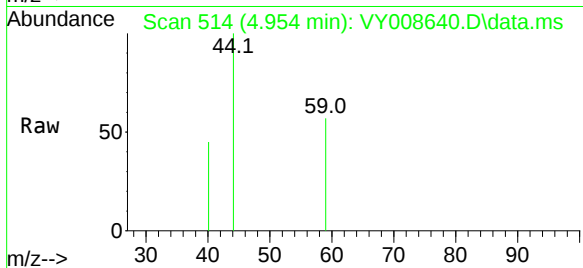
SB-8,6

Tgt Ion: 59 Resp: 143

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.532 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY008640.D

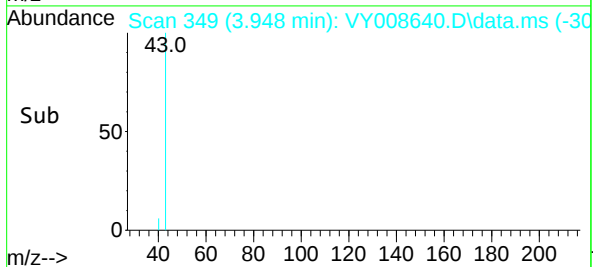
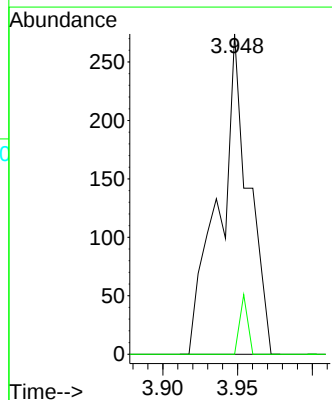
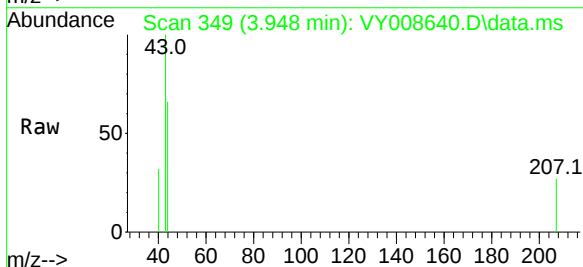
Acq: 05 May 2022 03:14

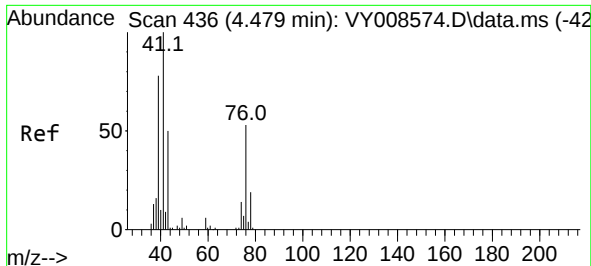
Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY008640.D

Acq: 05 May 2022 03:14

Instrument :

MSVOA_Y

ClientSampleId :

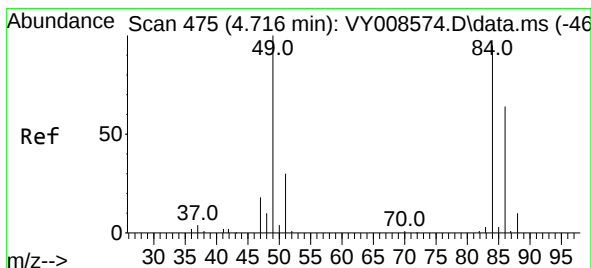
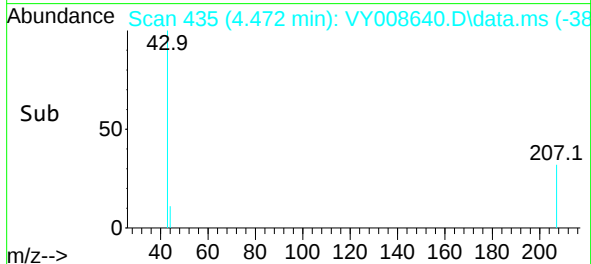
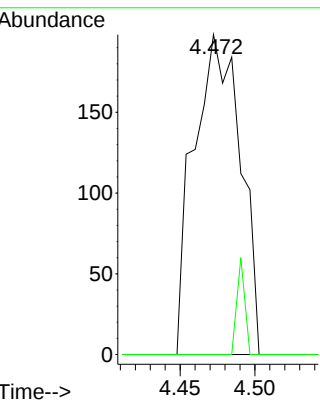
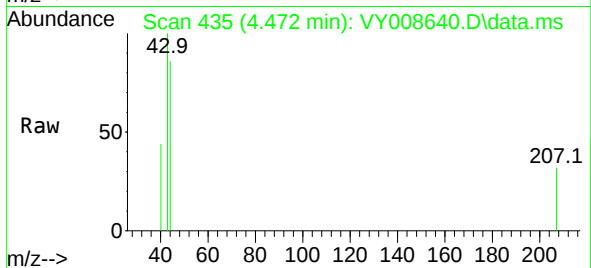
SB-8,6

Tgt Ion: 43 Resp: 428

Ion Ratio Lower Upper

43 100

74 5.1 16.6 24.8#



#20

Methylene Chloride

Concen: 2.687 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY008640.D

Acq: 05 May 2022 03:14

Tgt Ion: 84 Resp: 12292

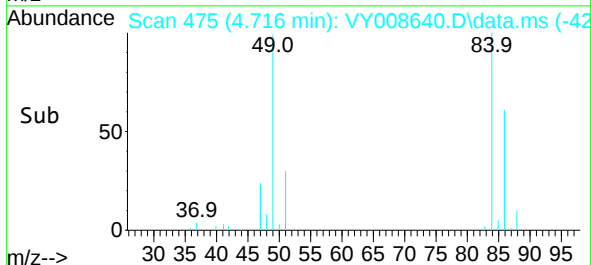
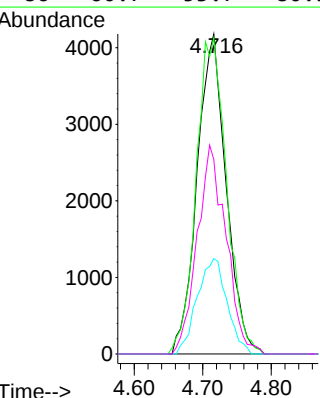
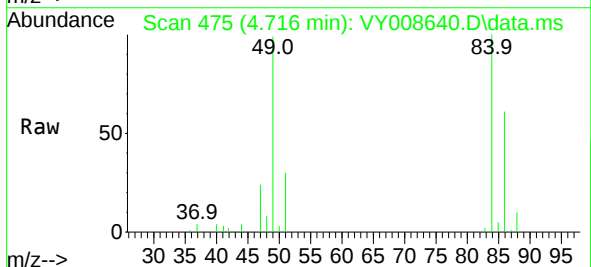
Ion Ratio Lower Upper

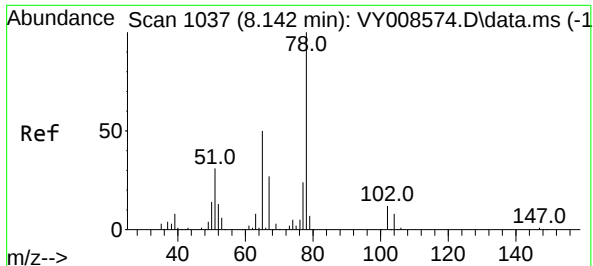
84 100

49 98.8 114.4 171.6#

51 29.8 35.3 52.9#

86 60.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 49.150 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY008640.D

Acq: 05 May 2022 03:14

Instrument :

MSVOA_Y

ClientSampleId :

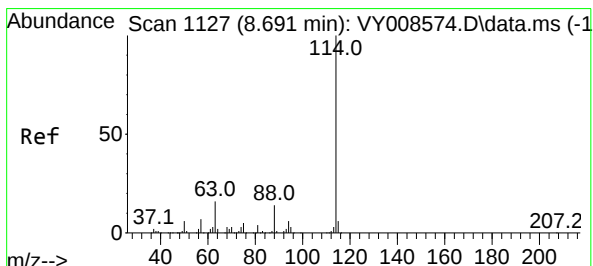
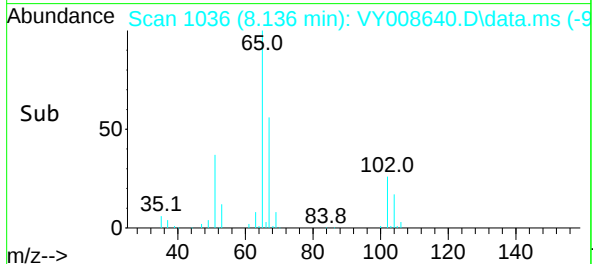
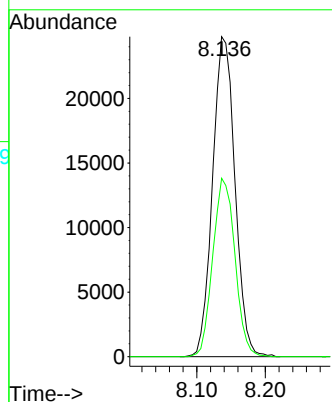
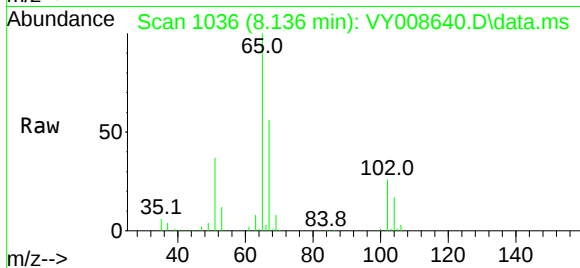
SB-8,6

Tgt Ion: 65 Resp: 56131

Ion Ratio Lower Upper

65 100

67 55.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008640.D

Acq: 05 May 2022 03:14

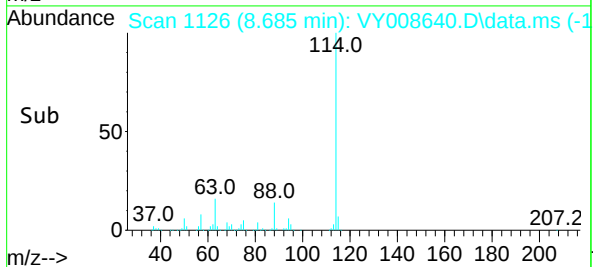
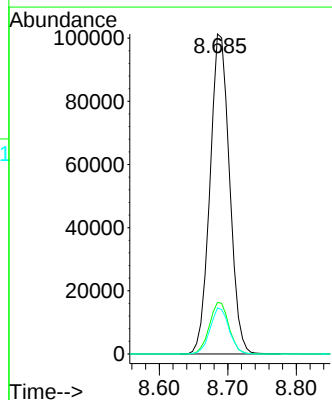
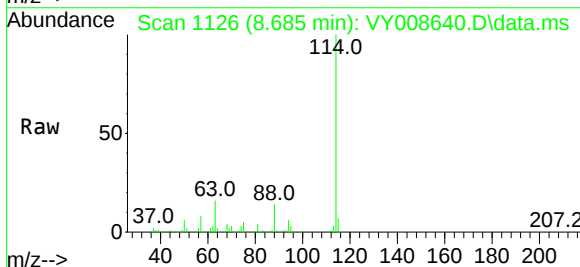
Tgt Ion: 114 Resp: 200401

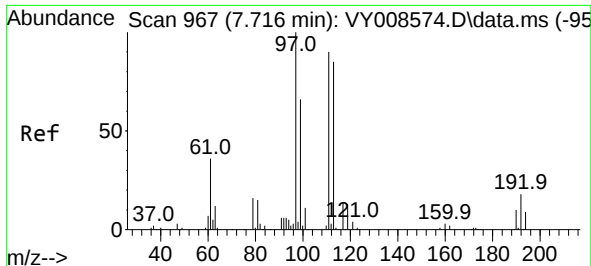
Ion Ratio Lower Upper

114 100

63 16.1 0.0 43.2

88 14.4 0.0 31.8

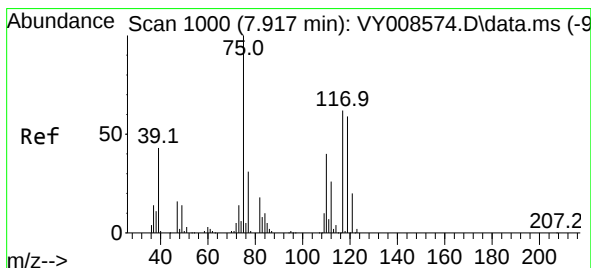
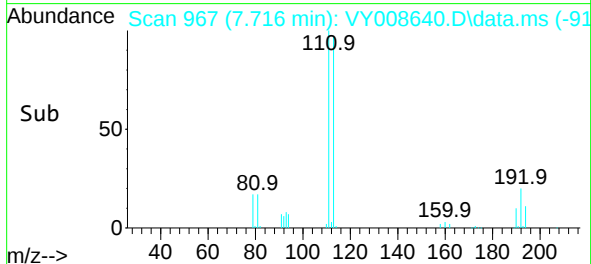
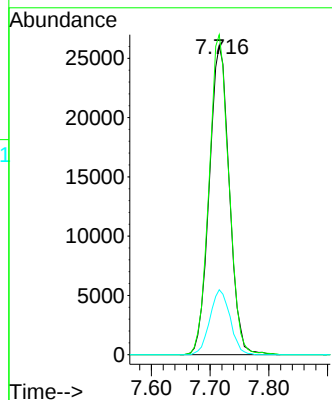
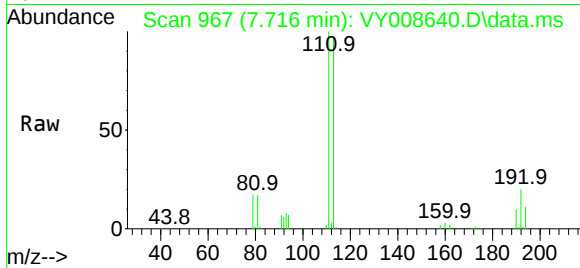




#35
Dibromofluoromethane
Concen: 46.634 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008640.D
Acq: 05 May 2022 03:14

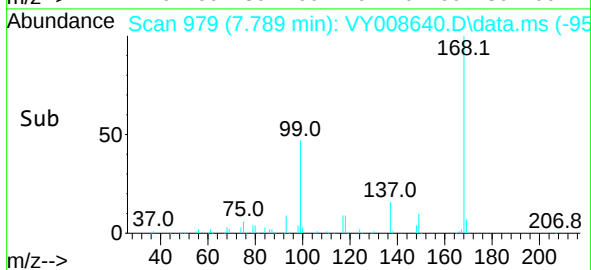
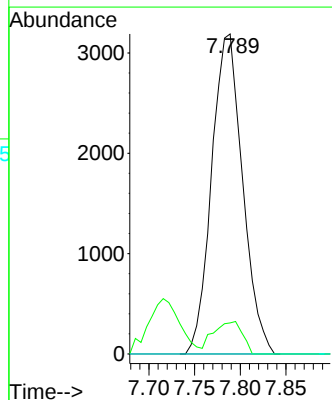
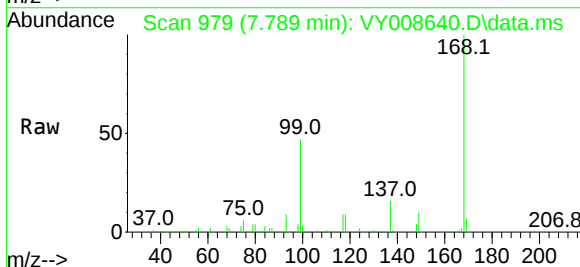
Instrument :
MSVOA_Y
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SB-8,6

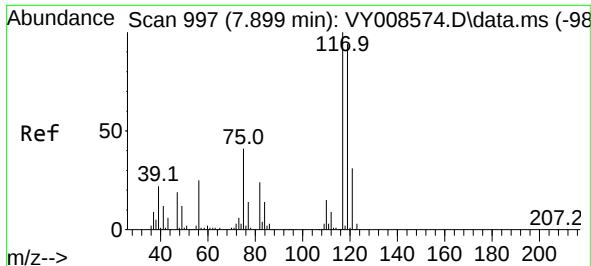
Tgt Ion:113 Resp: 61839
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.646 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008640.D
Acq: 05 May 2022 03:14

Tgt Ion: 75 Resp: 7518
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

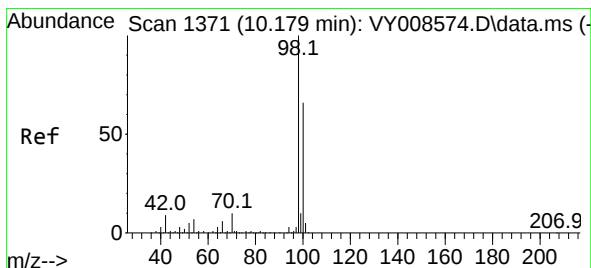
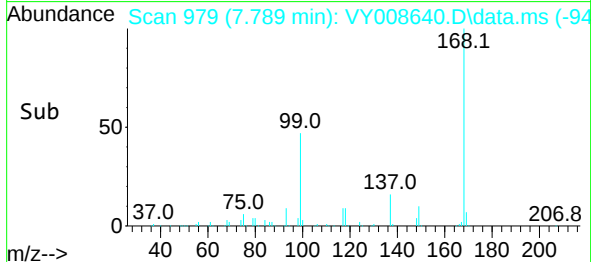
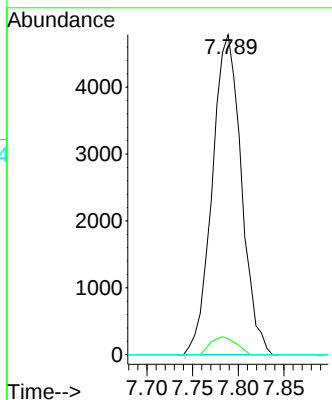
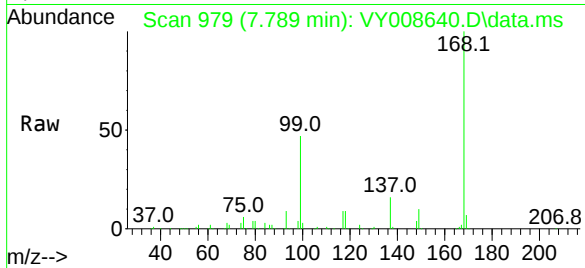




#38
Carbon Tetrachloride
Concen: 4.511 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008640.D
Acq: 05 May 2022 03:14

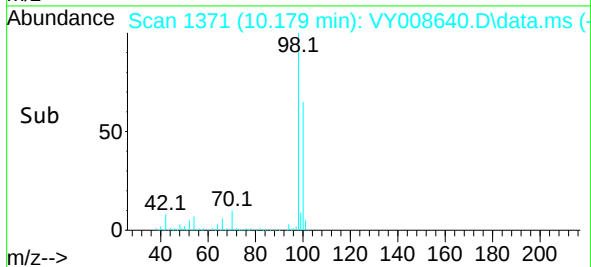
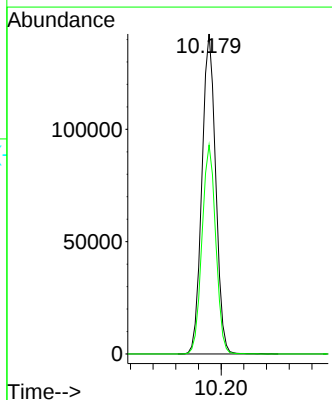
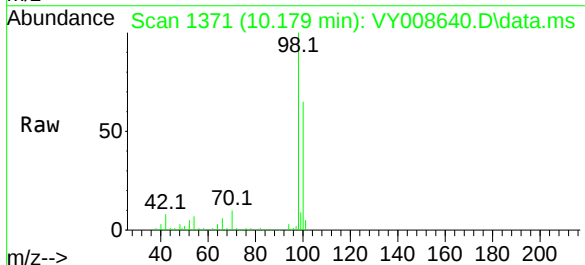
Instrument :
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ClientSampleId :
SB-8,6

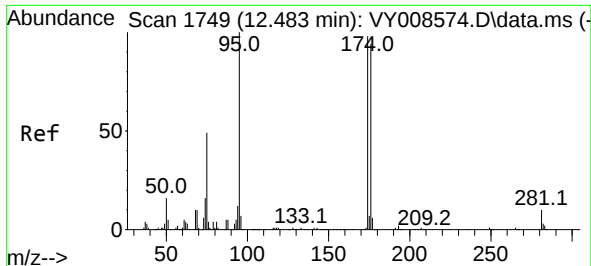
Tgt Ion:117 Resp: 10612
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.145 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008640.D
Acq: 05 May 2022 03:14

Tgt Ion: 98 Resp: 240275
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

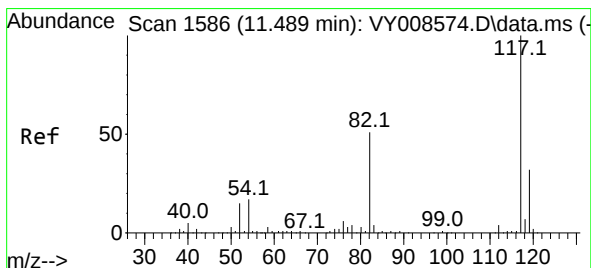
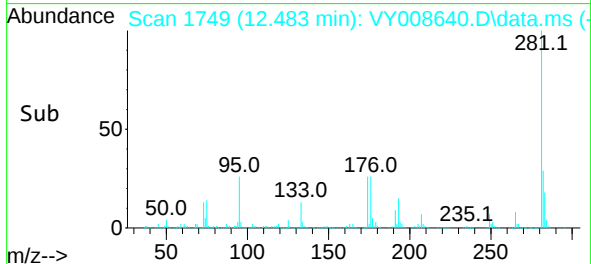
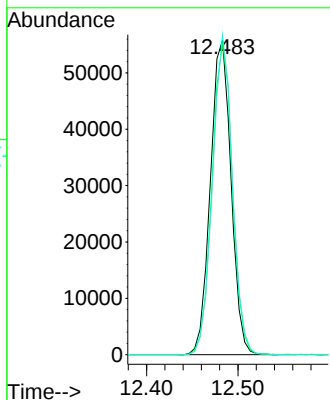
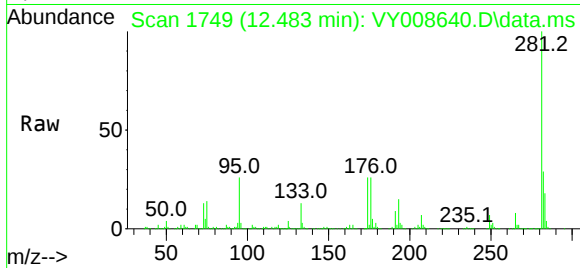




#62
4-Bromofluorobenzene
Concen: 50.702 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008640.D
Acq: 05 May 2022 03:14

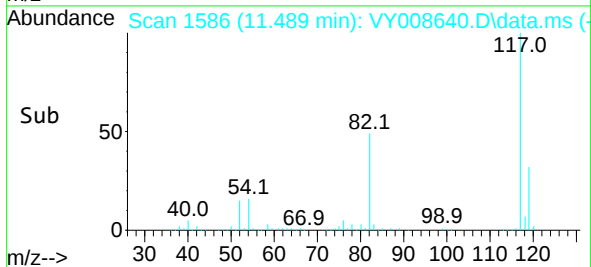
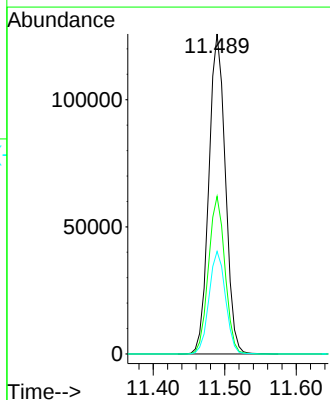
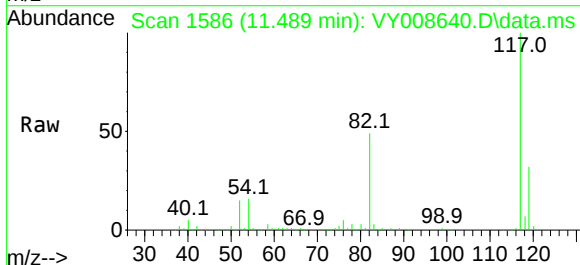
Instrument :
MSVOA_Y
ClientSampleId :
SB-8,6

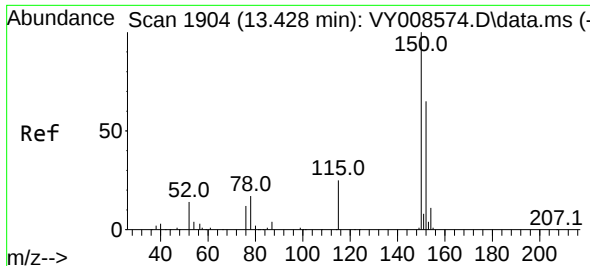
Tgt Ion: 95 Resp: 87304
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 98.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008640.D
Acq: 05 May 2022 03:14

Tgt Ion: 117 Resp: 201866
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 32.0 25.4 38.0

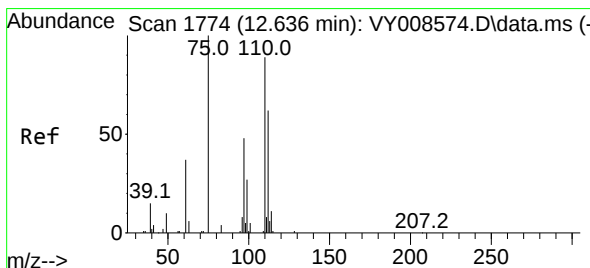
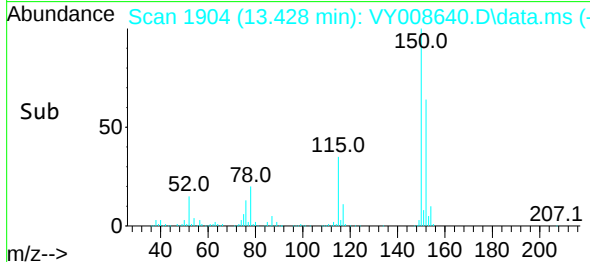
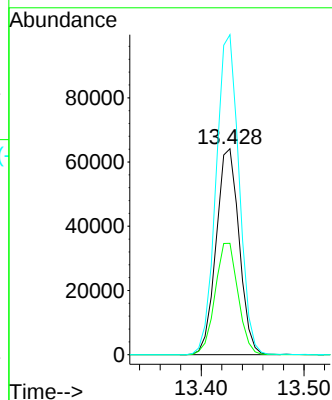
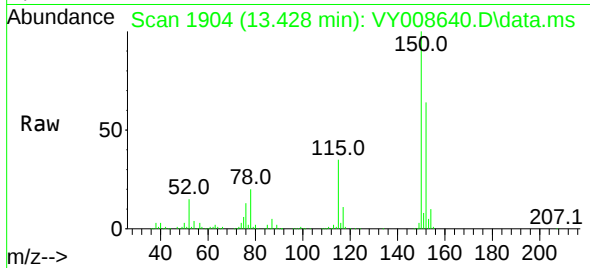




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008640.D
 Acq: 05 May 2022 03:14

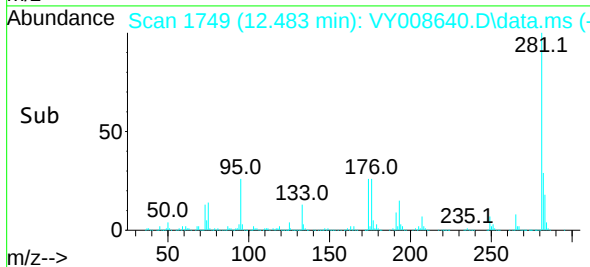
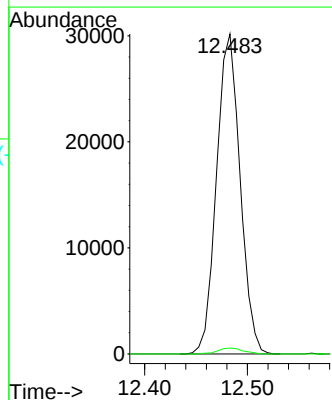
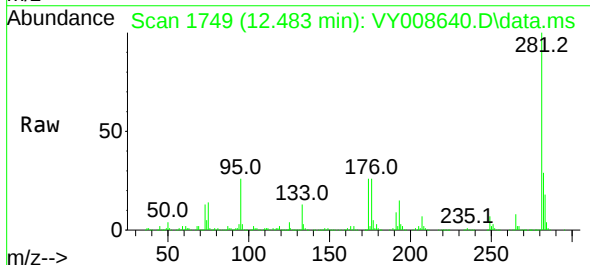
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8,6

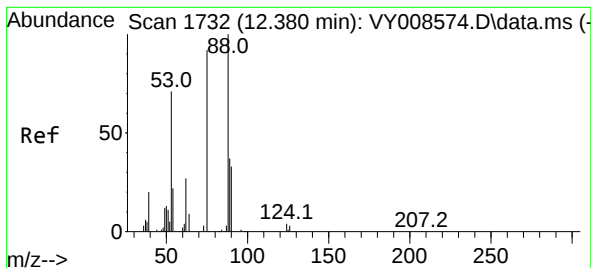
Tgt Ion:152 Resp: 99655
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.2 84.7
 150 155.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.135 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY008640.D
 Acq: 05 May 2022 03:14

Tgt Ion: 75 Resp: 48014
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.507 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008640.D
 Acq: 05 May 2022 03:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8,6

Tgt Ion: 75 Resp: 48014
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 4.9 37.0 55.4#

