

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006505.D
 Acq On : 28 Oct 2021 10:57
 Operator : SY/MD
 Sample : VY1028SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 05:04:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	110120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	180996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	168277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80345	59.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.580%
35) Dibromofluoromethane	7.722	113	54280	53.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.620%
50) Toluene-d8	10.185	98	232286	54.316	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.640%
62) 4-Bromofluorobenzene	12.483	95	69782	48.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.880%

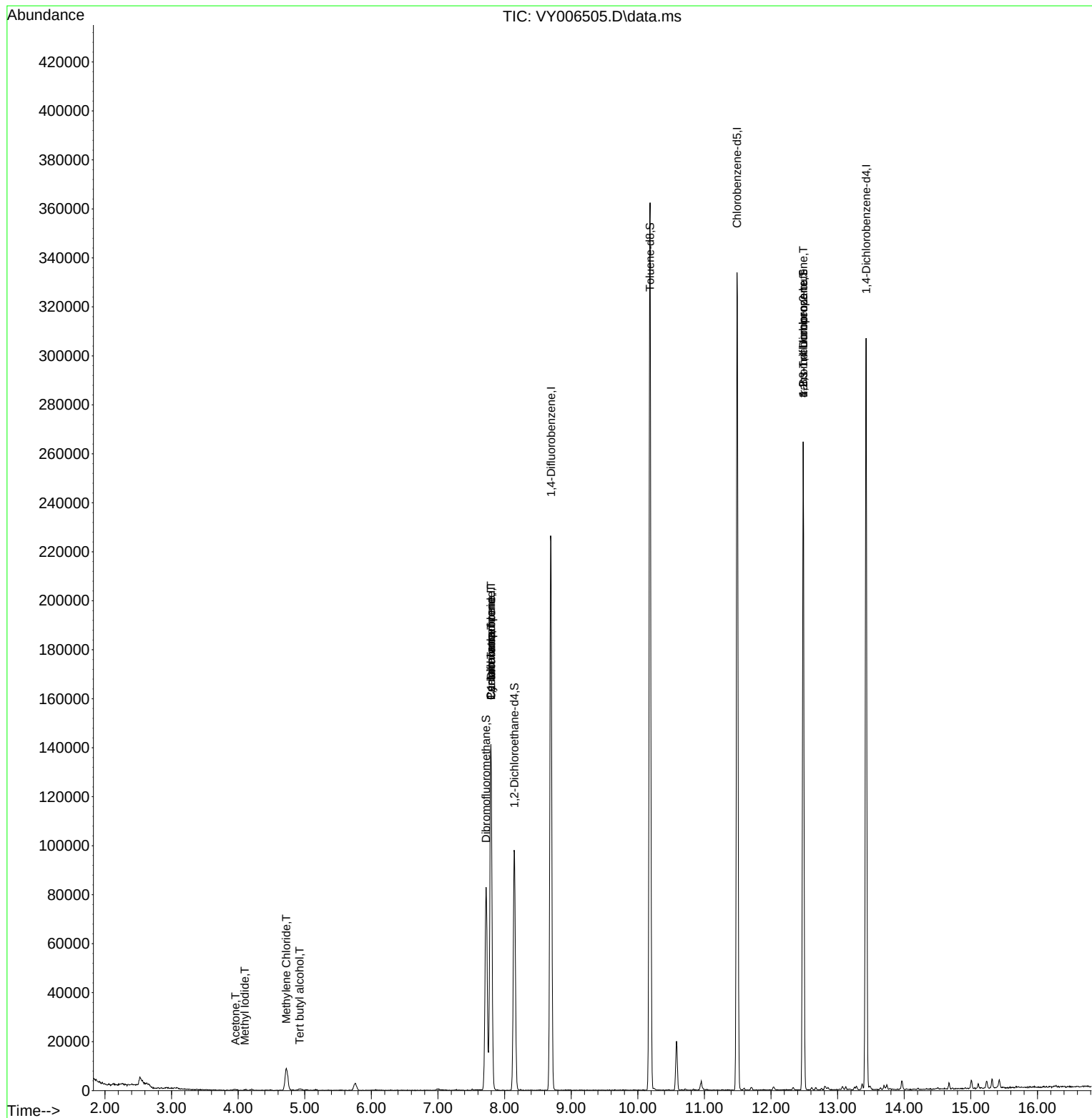
Target Compounds					Qvalue	
10) Methyl Iodide	4.100	142	388	5.381	ug/l #	89
11) Tert butyl alcohol	4.923	59	436	3.542	ug/l #	72
16) Acetone	3.960	43	684	1.753	ug/l #	46
20) Methylene Chloride	4.722	84	6045	1.046	ug/l #	87
31) Cyclohexane	7.795	56	2691	1.227	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	9204	5.147	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10785	5.467	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	41627	54.987	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41627	112.887	ug/l #	7

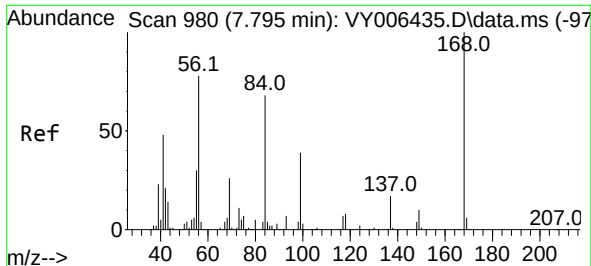
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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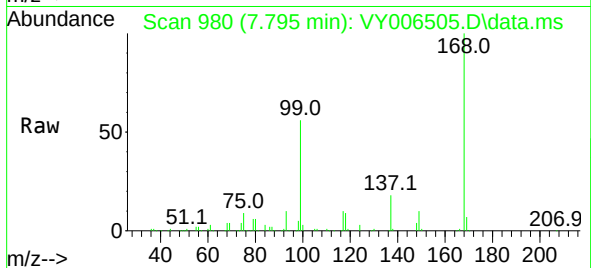
Quant Time: Oct 29 05:04:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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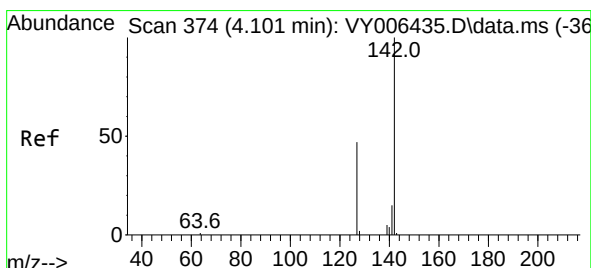
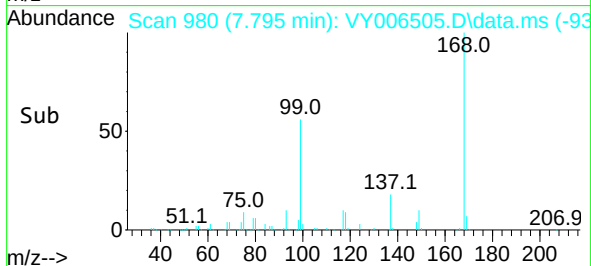
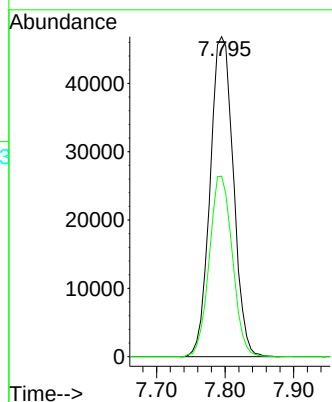


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

Instrument :
MSVOA_Y
ClientSampled :

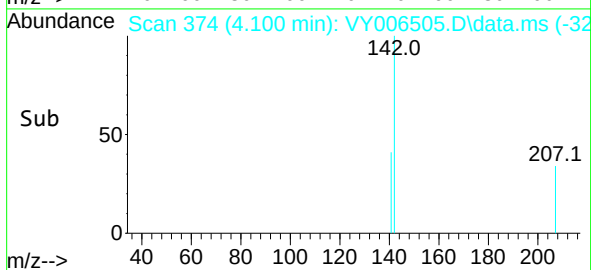
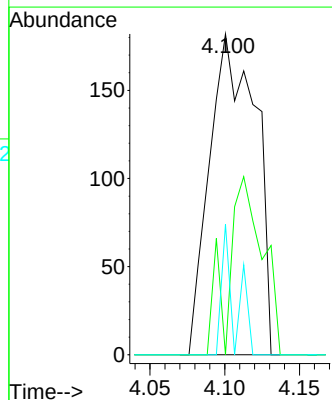
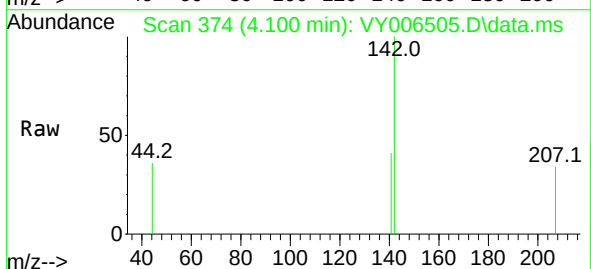


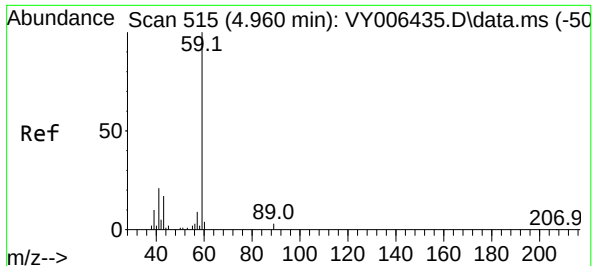
Tgt Ion:168 Resp: 110120
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#10
Methyl Iodide
Concen: 5.381 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.001 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

Tgt Ion:142 Resp: 388
Ion Ratio Lower Upper
142 100
127 41.8 40.1 60.1
141 11.9 12.5 18.7#

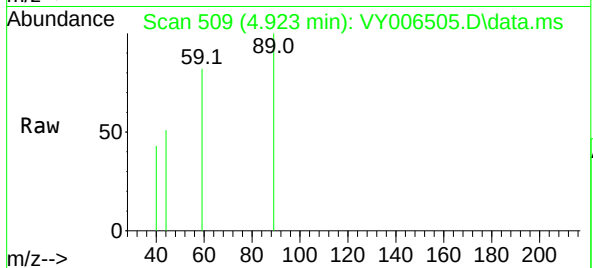




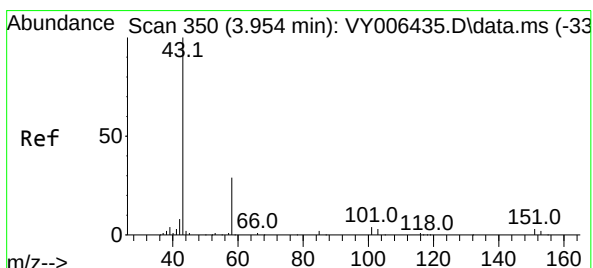
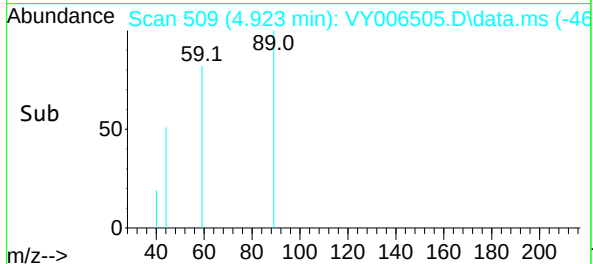
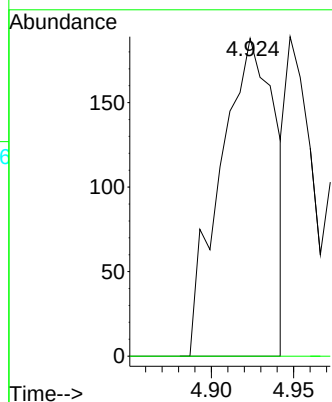
#11

Tert butyl alcohol
Concen: 3.542 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.037 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

Instrument :
MSVOA_Y
ClientSampled :



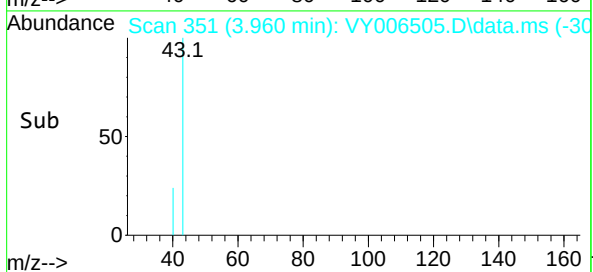
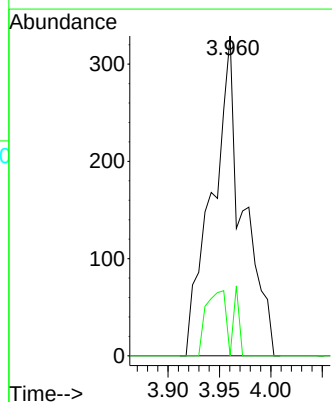
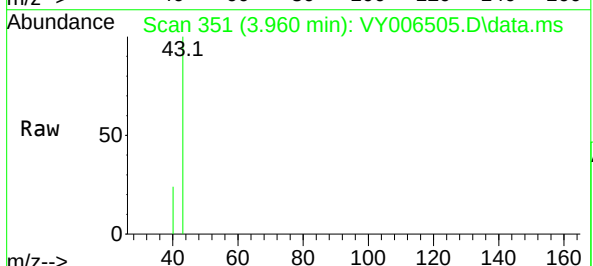
Tgt Ion: 59 Resp: 436
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

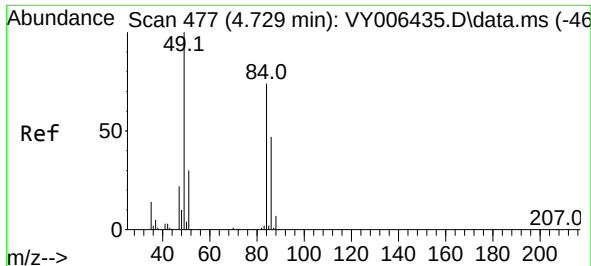


#16

Acetone
Concen: 1.753 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#





#20

Methylene Chloride

Concen: 1.046 ug/l

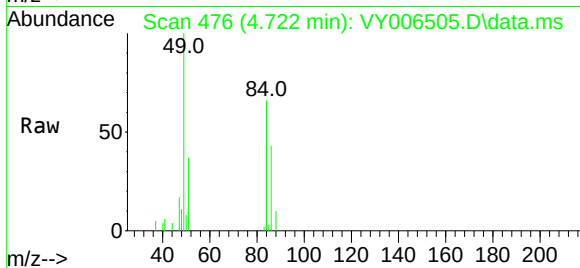
RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY006505.D

Acq: 28 Oct 2021 10:57

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6045

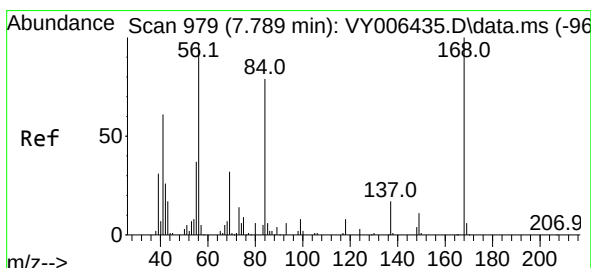
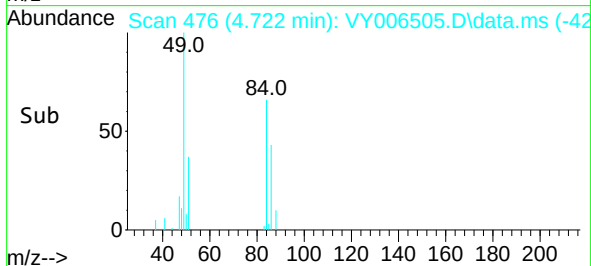
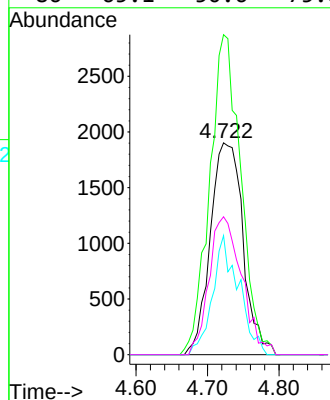
Ion Ratio Lower Upper

84 100

49 151.0 107.8 161.8

51 56.2 32.8 49.2#

86 65.1 50.6 75.8



#31

Cyclohexane

Concen: 1.227 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006505.D

Acq: 28 Oct 2021 10:57

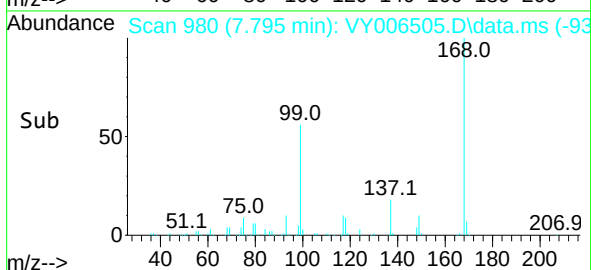
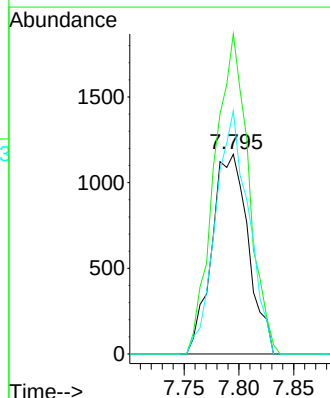
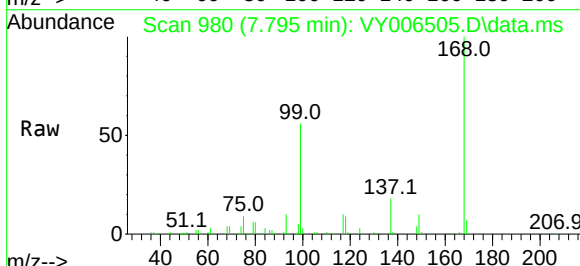
Tgt Ion: 56 Resp: 2691

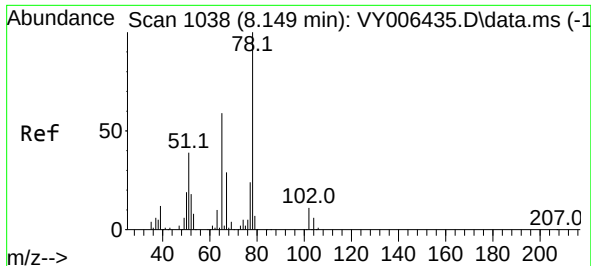
Ion Ratio Lower Upper

56 100

69 160.2 26.6 40.0#

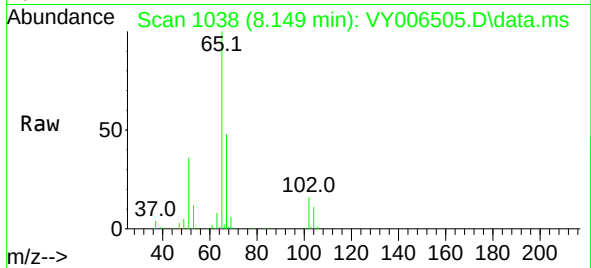
84 121.7 65.0 97.4#



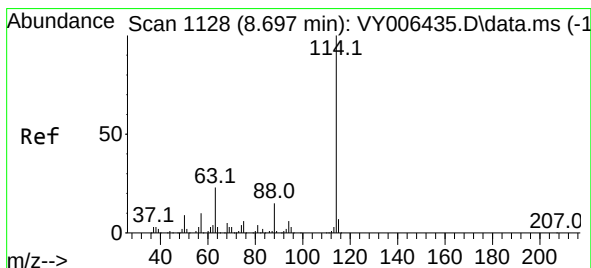
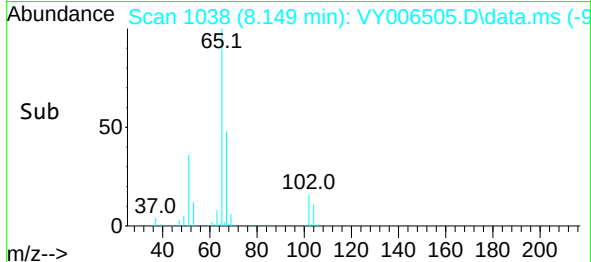
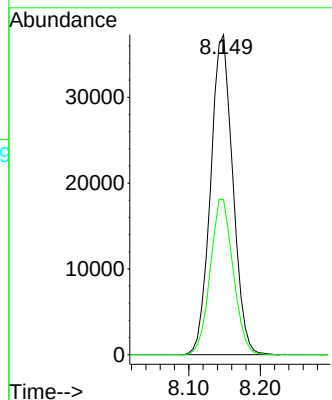


#33
 1,2-Dichloroethane-d4
 Concen: 59.291 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006505.D
 Acq: 28 Oct 2021 10:57

Instrument :
 MSVOA_Y
 ClientSampled :

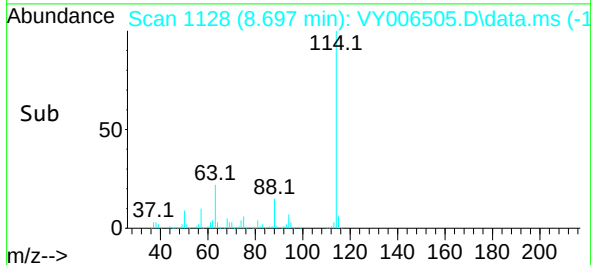
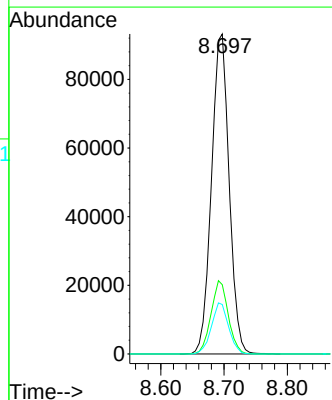
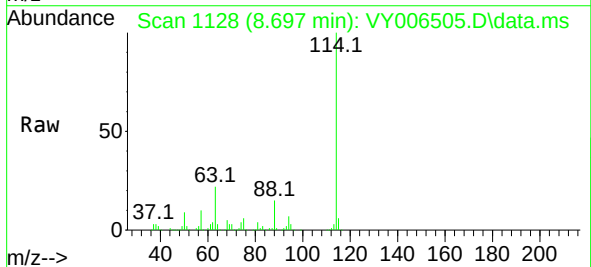


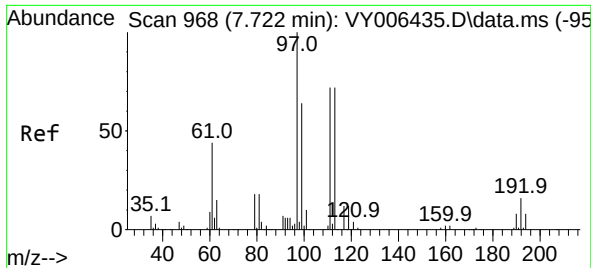
Tgt Ion: 65 Resp: 80345
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006505.D
 Acq: 28 Oct 2021 10:57

Tgt Ion: 114 Resp: 180996
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 15.5 0.0 30.6

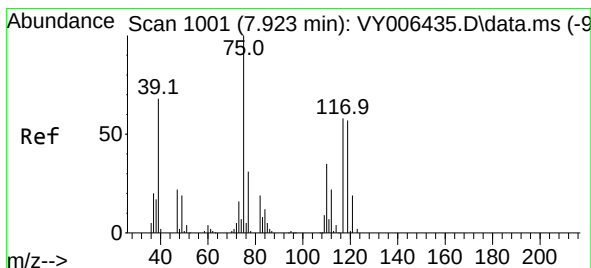
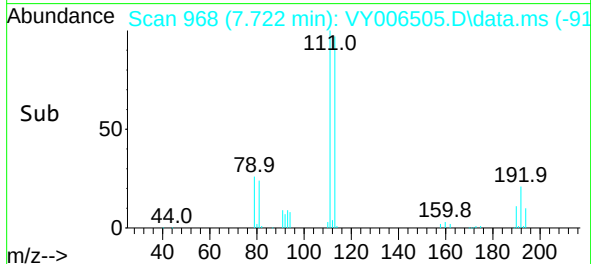
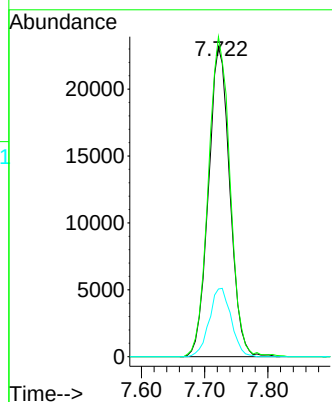
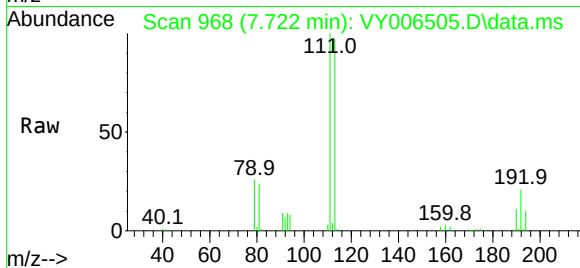




#35
Dibromofluoromethane
Concen: 53.805 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

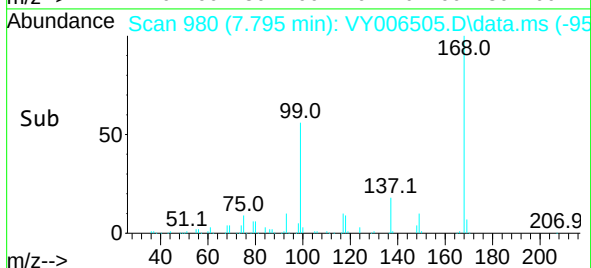
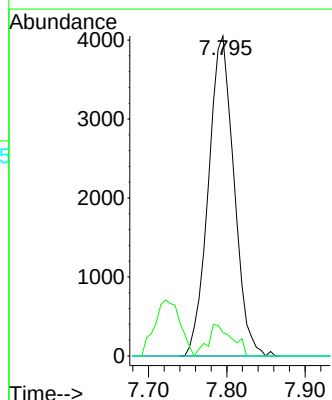
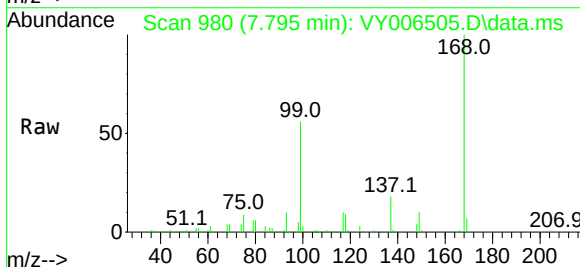
Instrument :
MSVOA_Y
ClientSampled :

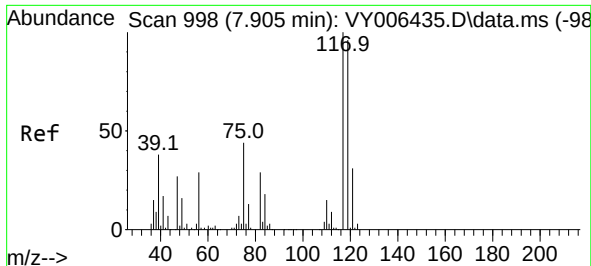
Tgt Ion:113 Resp: 54280
Ion Ratio Lower Upper
113 100
111 105.1 82.3 123.5
192 22.5 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

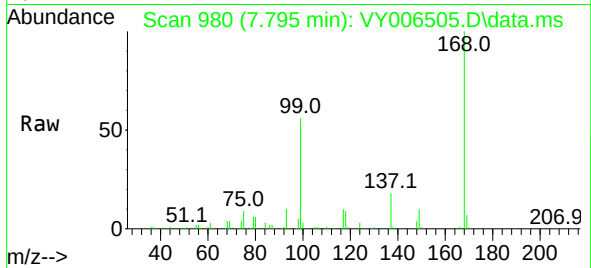
Tgt Ion: 75 Resp: 9204
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.3#
77 0.0 24.9 37.3#



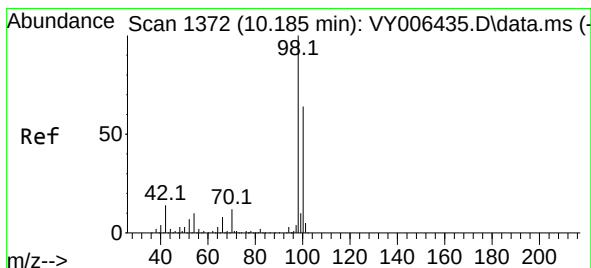
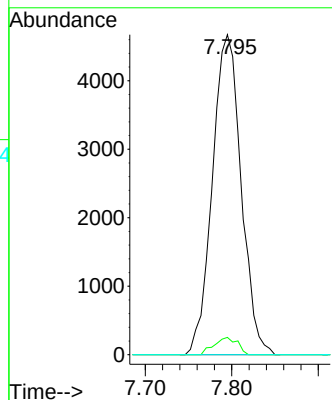
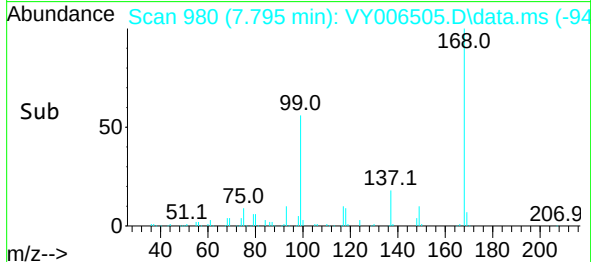


#38
Carbon Tetrachloride
Concen: 5.467 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

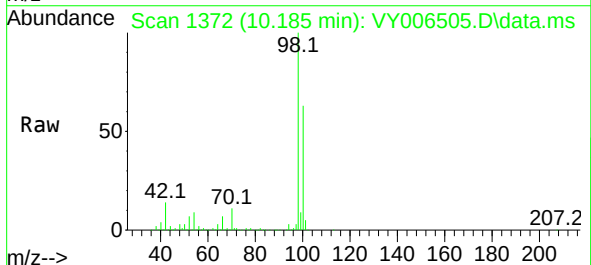
Instrument :
MSVOA_Y
ClientSampled :



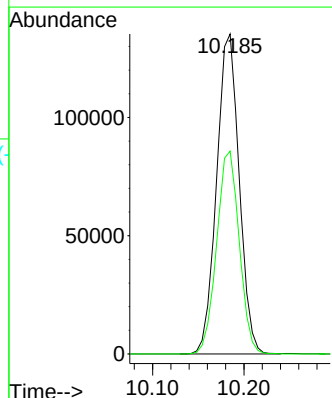
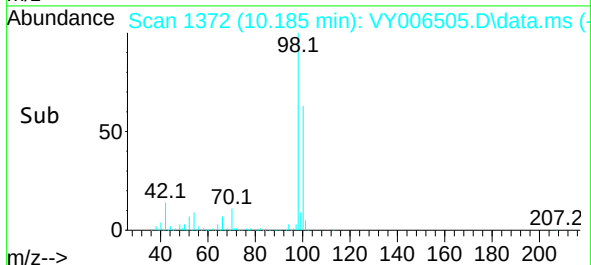
Tgt Ion:117 Resp: 10785
Ion Ratio Lower Upper
117 100
119 5.4 76.6 115.0#
121 0.0 24.7 37.1#

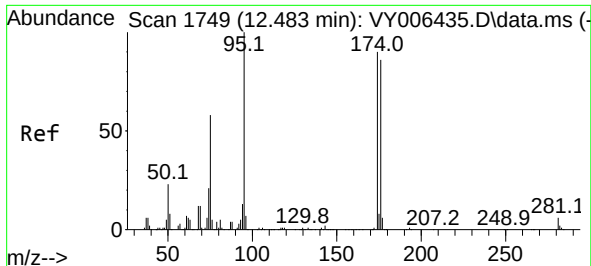


#50
Toluene-d8
Concen: 54.316 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57



Tgt Ion: 98 Resp: 232286
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

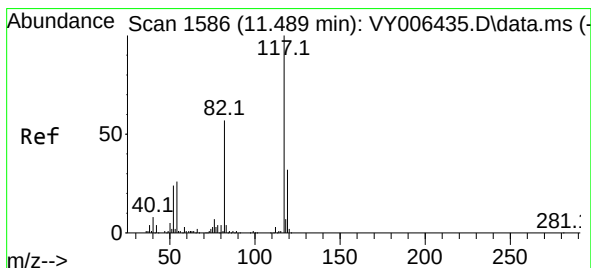
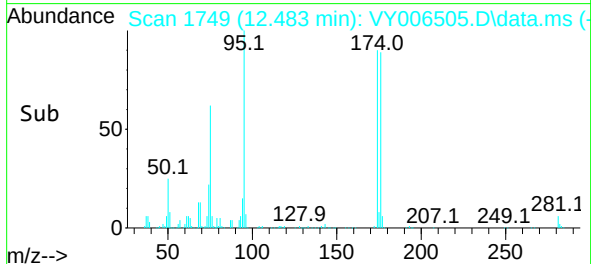
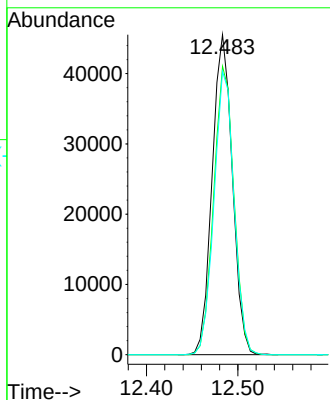
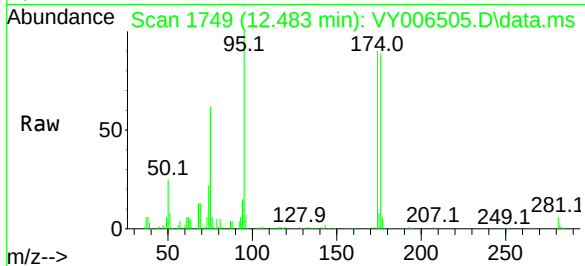




#62
4-Bromofluorobenzene
Concen: 48.440 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

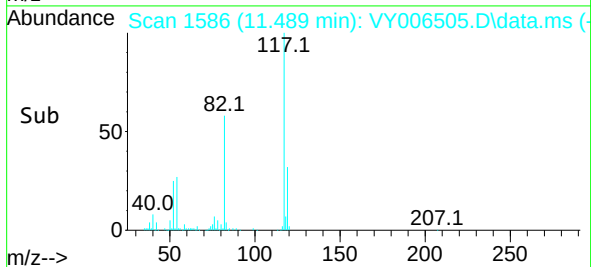
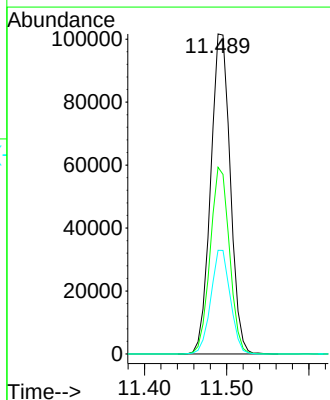
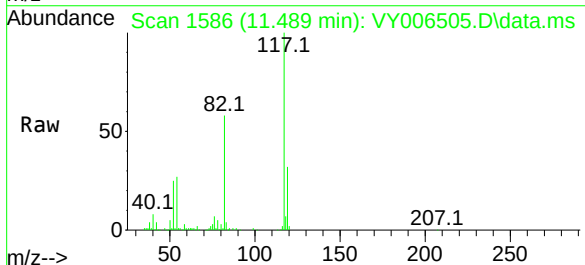
Instrument :
MSVOA_Y
ClientSampleId :

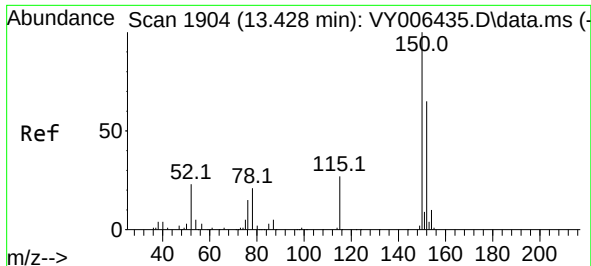
Tgt Ion: 95 Resp: 69782
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 88.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

Tgt Ion: 117 Resp: 168277
Ion Ratio Lower Upper
117 100
82 58.4 45.7 68.5
119 32.4 25.5 38.3

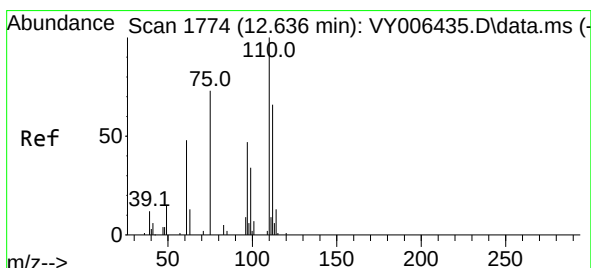
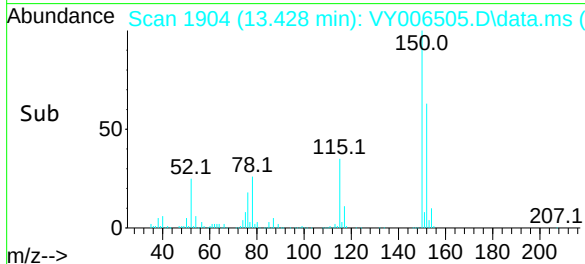
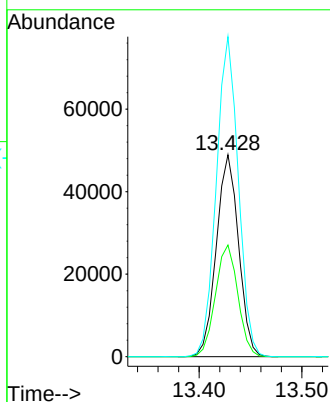
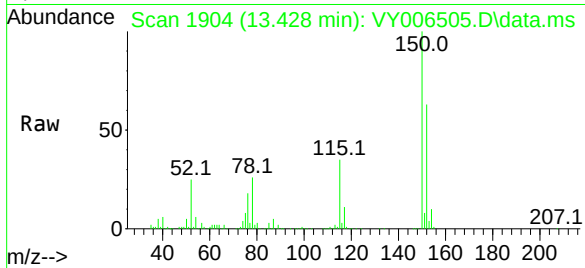




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

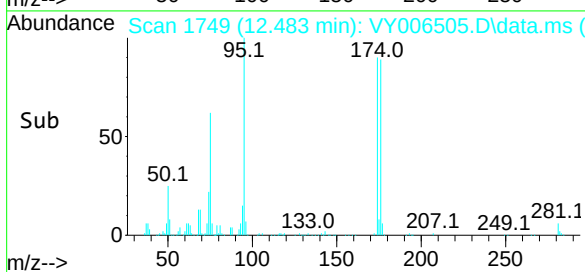
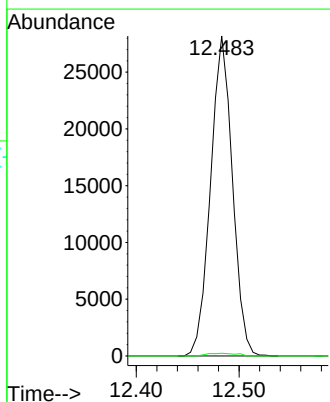
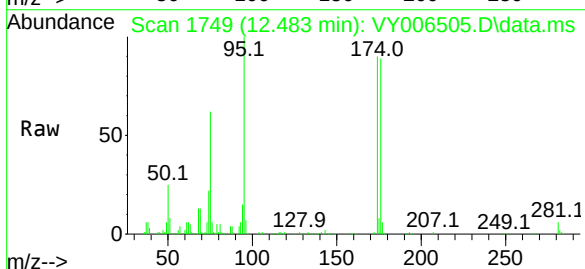
Instrument :
MSVOA_Y
ClientSampleId :

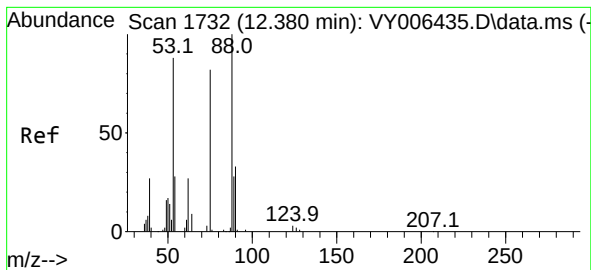
Tgt Ion:152 Resp: 73464
Ion Ratio Lower Upper
152 100
115 55.9 28.5 85.5
150 156.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 54.987 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006505.D
Acq: 28 Oct 2021 10:57

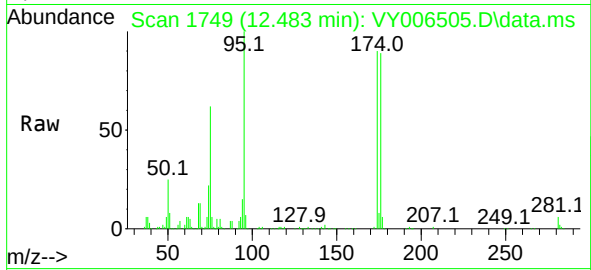
Tgt Ion: 75 Resp: 41627
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.887 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006505.D
 Acq: 28 Oct 2021 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.8	128.6#
89	0.0	39.3	58.9#

