

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007795.D
 Acq On : 08 Mar 2022 21:09
 Operator : SY/MD
 Sample : N1763-10
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:30:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

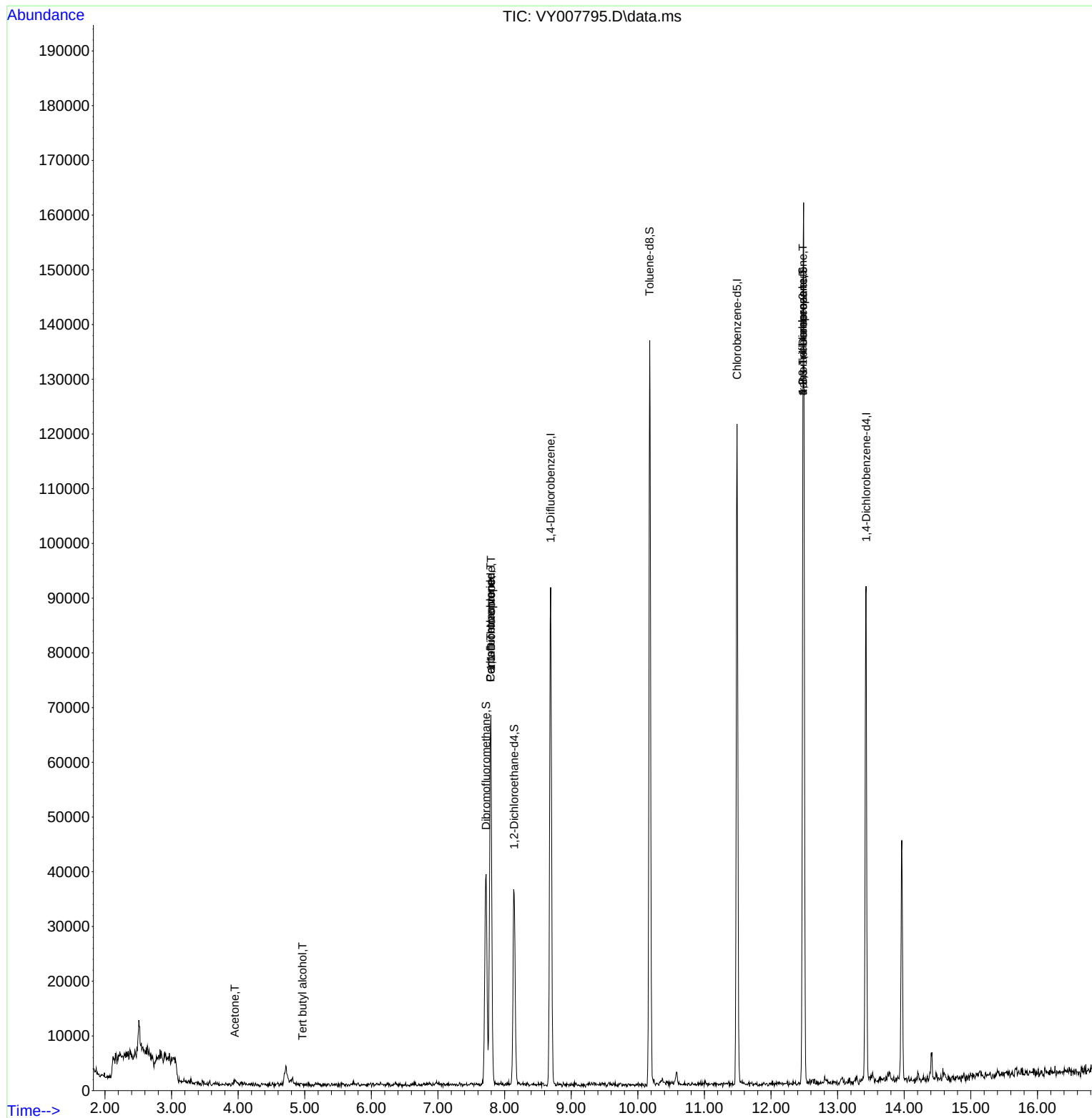
Internal Standards						
1) Pentafluorobenzene	7.789	168	52658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	79435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	64282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27947	50.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.380%	
35) Dibromofluoromethane	7.722	113	26708	52.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.179	98	89656	47.959	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.920%	
62) 4-Bromofluorobenzene	12.477	95	21935	36.401	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.800%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	639	Below Cal	90	
11) Tert butyl alcohol	4.966	59	55	1.152 ug/l #	77	
16) Acetone	3.948	43	636	5.671 ug/l #	62	
18) Methyl Acetate	4.479	43	119	Below Cal #	56	
31) Cyclohexane	7.789	56	1362	Below Cal #	61	
36) 1,1-Dichloropropene	7.795	75	3910	4.894 ug/l #	46	
38) Carbon Tetrachloride	7.789	117	5092	5.975 ug/l #	15	
76) 1,2,3-Trichloropropane	12.477	75	12575	48.733 ug/l #	100	
81) trans-1,4-Dichloro-2-b...	12.477	75	12575	99.628 ug/l #	8	

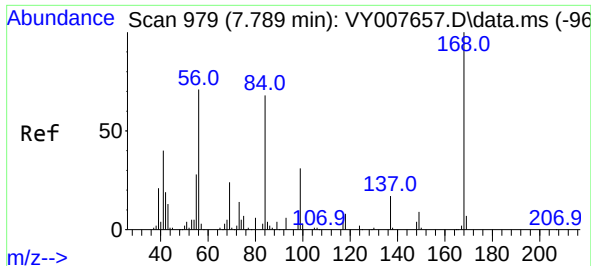
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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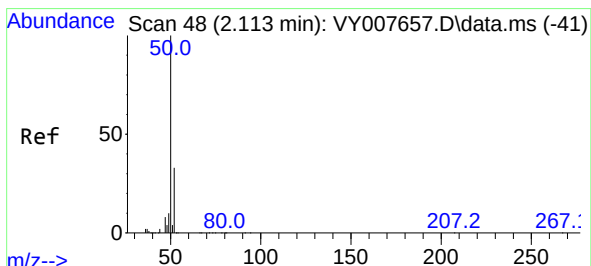
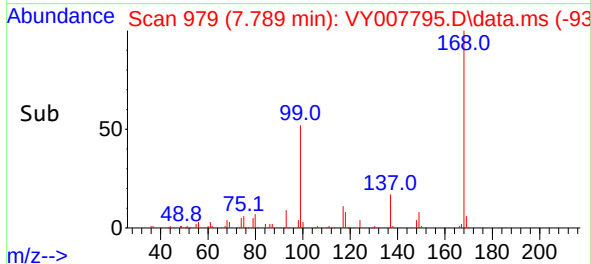
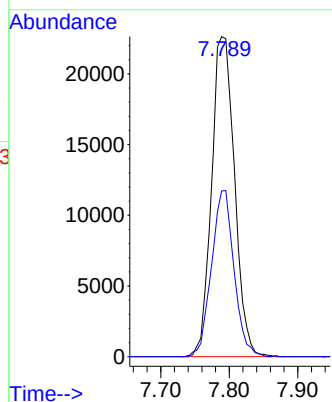
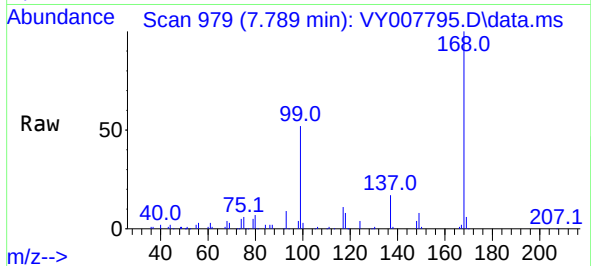




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007795.D
Acq: 08 Mar 2022 21:09

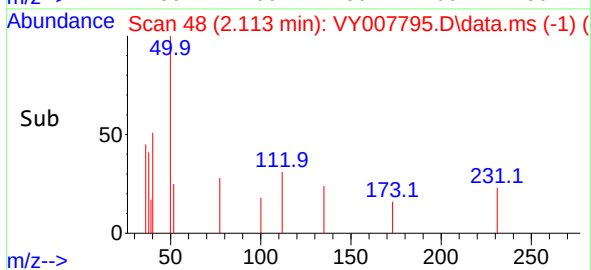
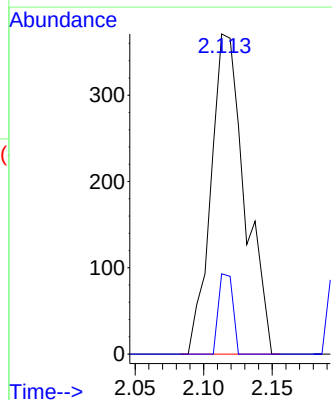
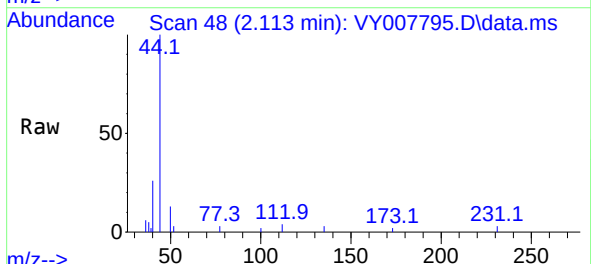
Instrument :
MSVOA_Y
ClientSampleId :

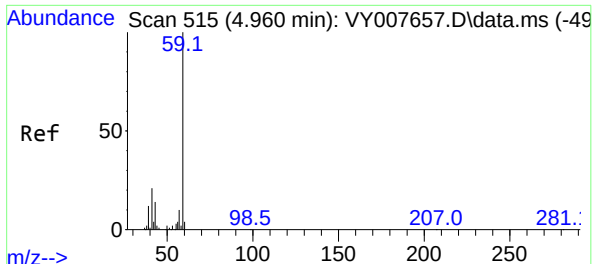
Tgt Ion:168 Resp: 52658
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007795.D
Acq: 08 Mar 2022 21:09

Tgt Ion: 50 Resp: 639
Ion Ratio Lower Upper
50 100
52 25.1 24.6 37.0





#11

Tert butyl alcohol

Concen: 1.152 ug/l

RT: 4.966 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY007795.D

Acq: 08 Mar 2022 21:09

Instrument :

MSVOA_Y

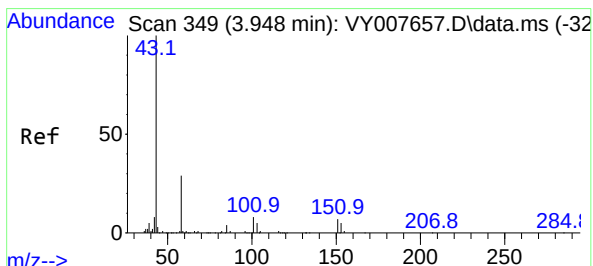
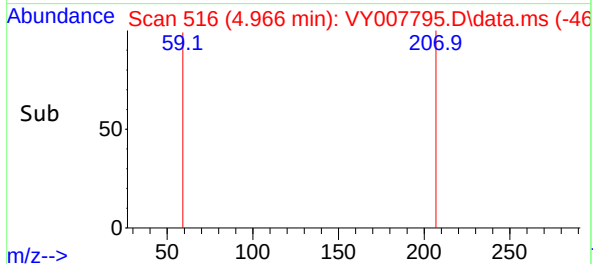
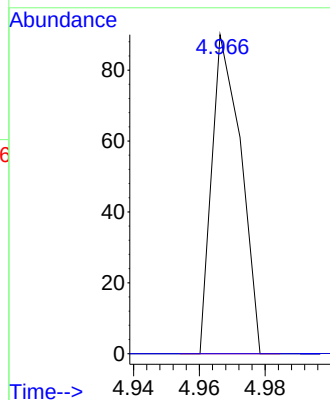
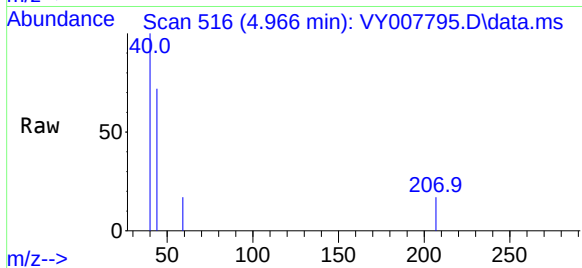
ClientSampleId :

Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.671 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007795.D

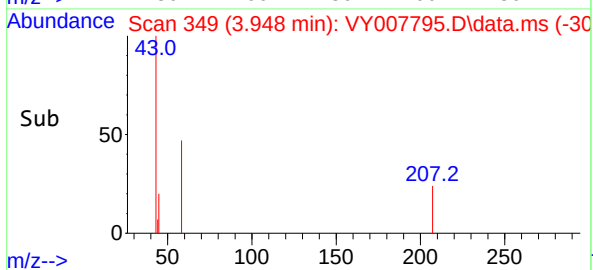
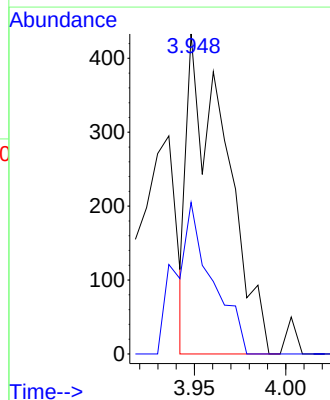
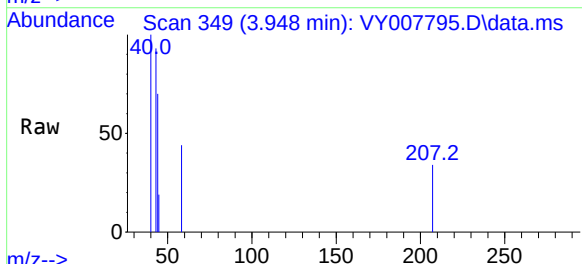
Acq: 08 Mar 2022 21:09

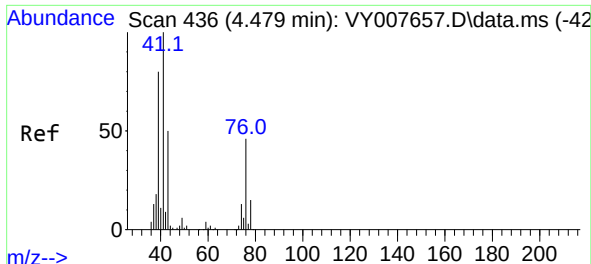
Tgt Ion: 43 Resp: 636

Ion Ratio Lower Upper

43 100

58 47.3 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY007795.D

Acq: 08 Mar 2022 21:09

Instrument :

MSVOA_Y

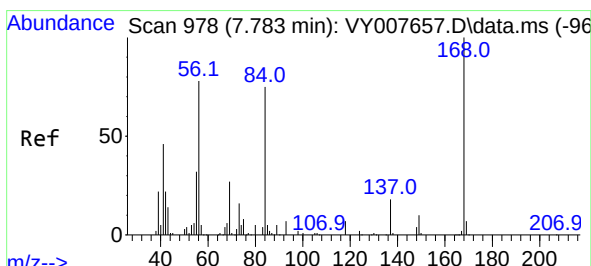
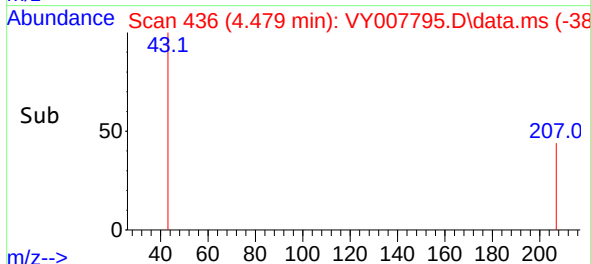
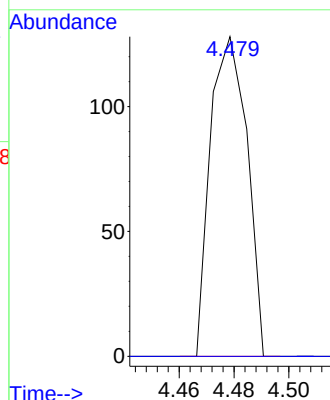
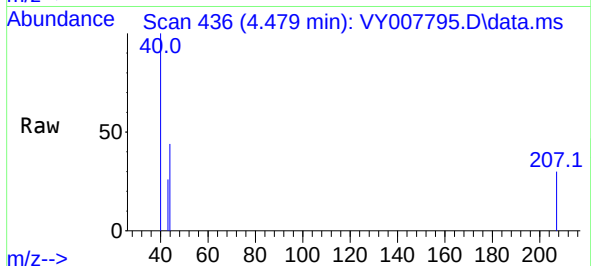
ClientSampleId :

Tgt Ion: 43 Resp: 119

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY007795.D

Acq: 08 Mar 2022 21:09

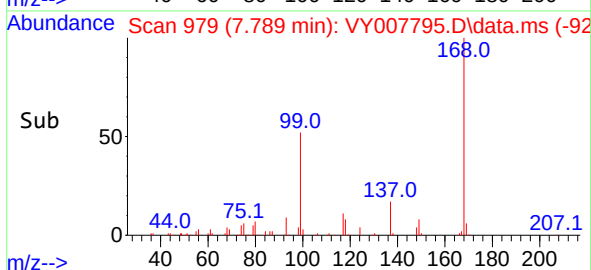
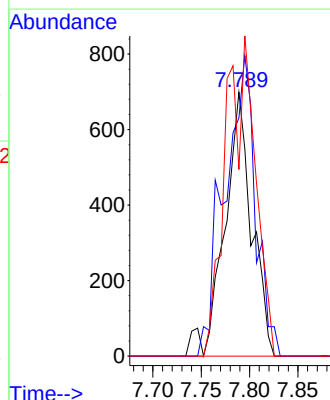
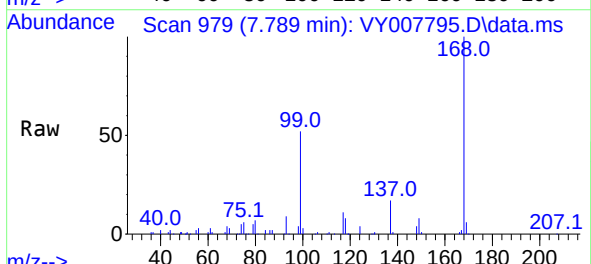
Tgt Ion: 56 Resp: 1362

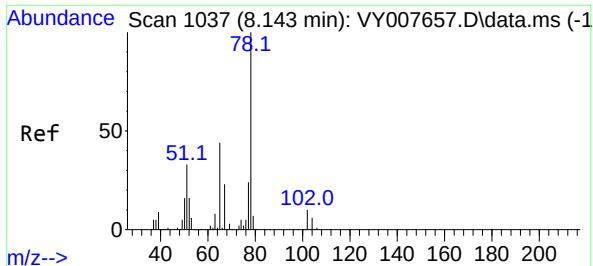
Ion Ratio Lower Upper

56 100

69 90.3 26.7 40.1#

84 70.7 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 50.695 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007795.D

Acq: 08 Mar 2022 21:09

Instrument :

MSVOA_Y

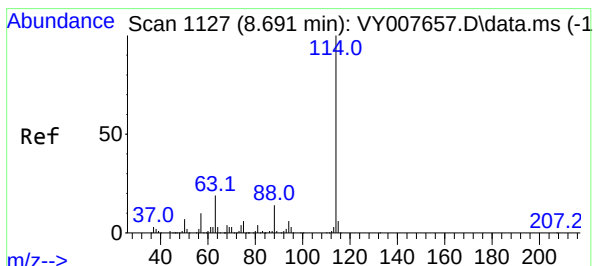
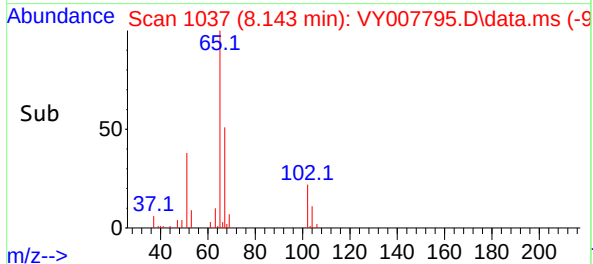
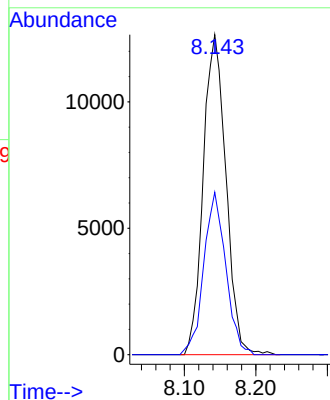
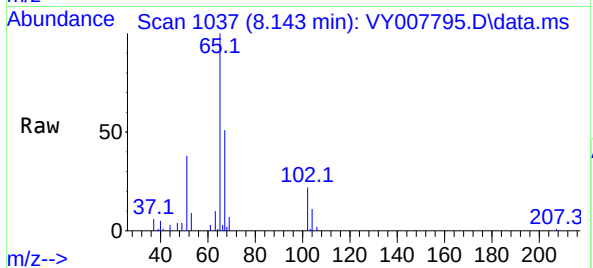
ClientSampleId :

Tgt Ion: 65 Resp: 27947

Ion Ratio Lower Upper

65 100

67 49.3 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: VY007795.D

Acq: 08 Mar 2022 21:09

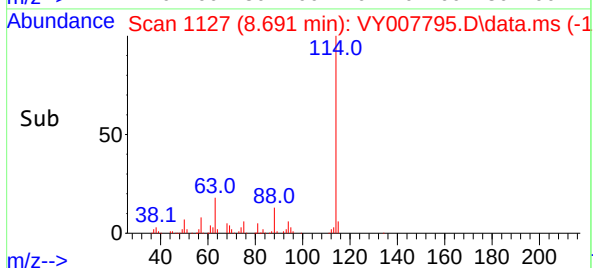
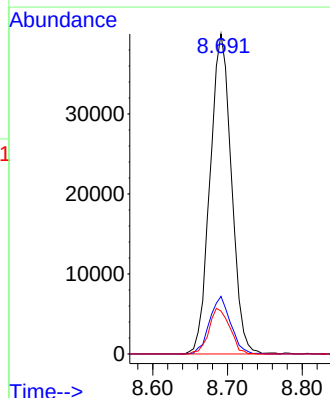
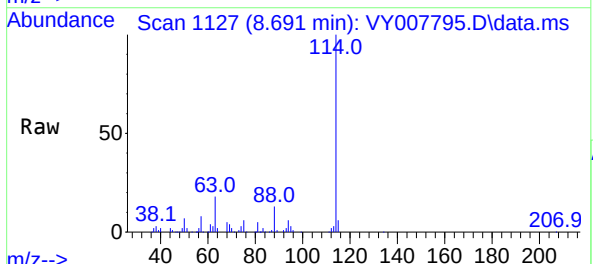
Tgt Ion: 114 Resp: 79435

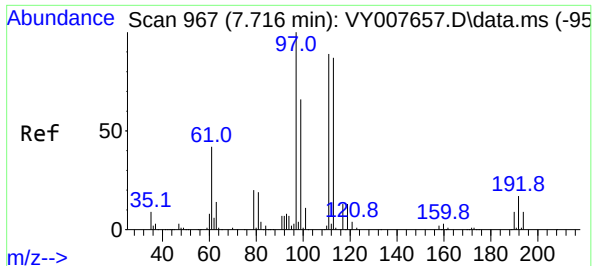
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

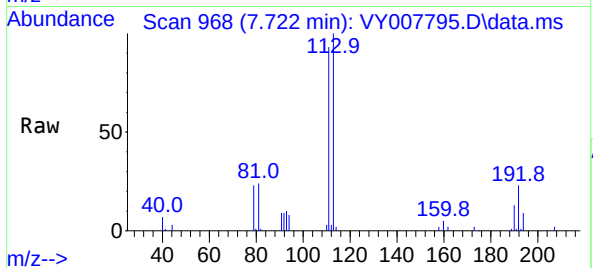
88 13.4 0.0 31.8



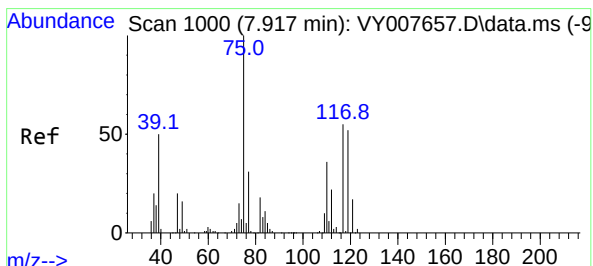
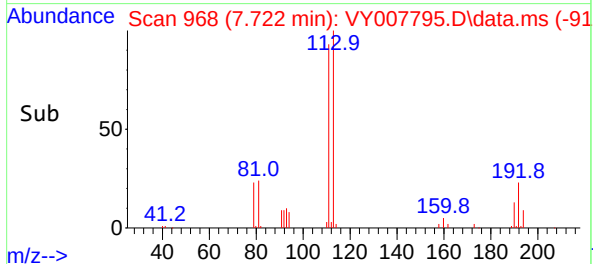
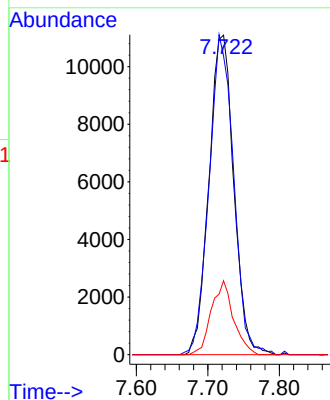


#35
Dibromofluoromethane
Concen: 52.590 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007795.D
Acq: 08 Mar 2022 21:09

Instrument :
MSVOA_Y
ClientSampleId :

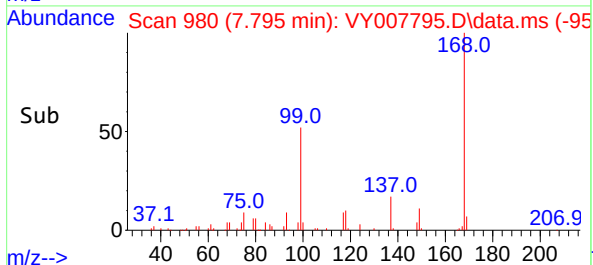
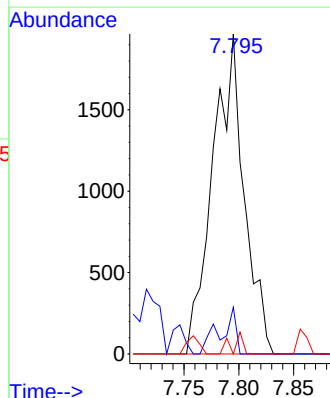
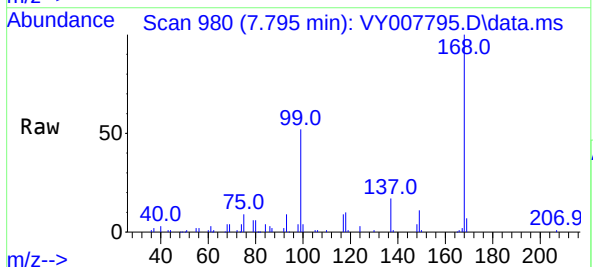


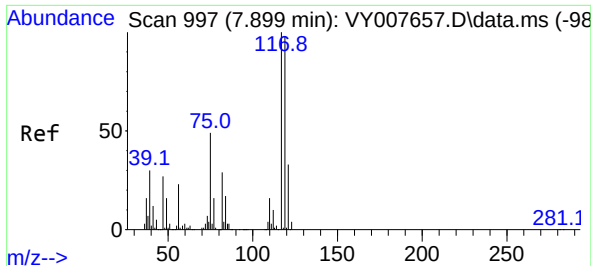
Tgt Ion:113 Resp: 26708
Ion Ratio Lower Upper
113 100
111 98.9 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.894 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007795.D
Acq: 08 Mar 2022 21:09

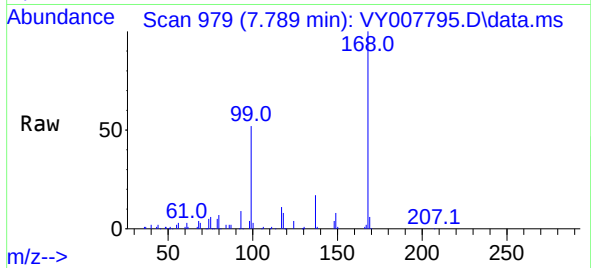
Tgt Ion: 75 Resp: 3910
Ion Ratio Lower Upper
75 100
110 3.7 17.1 51.2#
77 0.9 24.4 36.6#



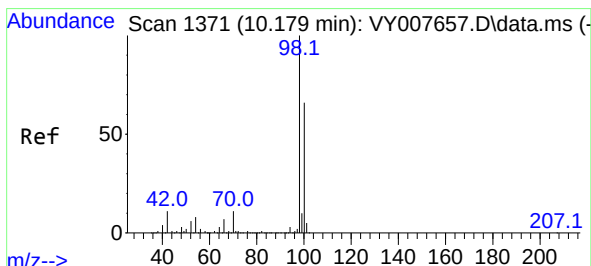
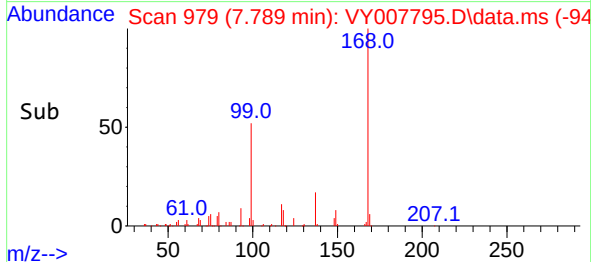
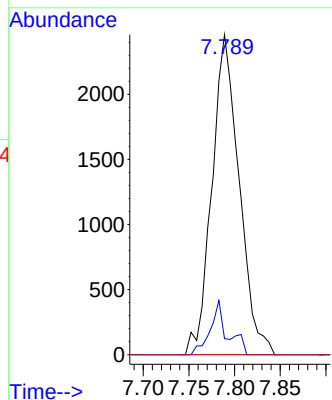


#38
Carbon Tetrachloride
Concen: 5.975 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007795.D
Acq: 08 Mar 2022 21:09

Instrument :
MSVOA_Y
ClientSampleId :

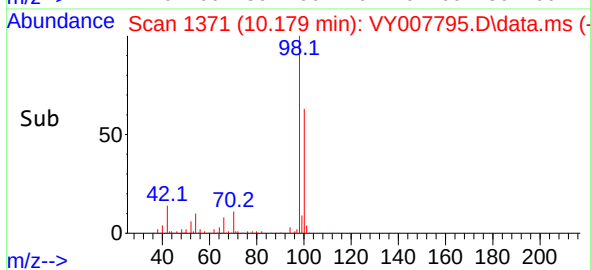
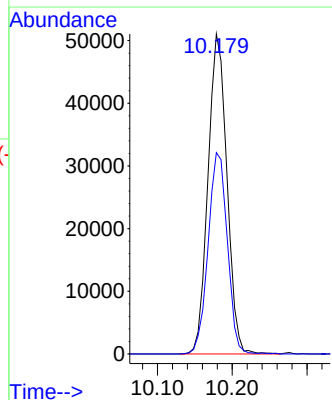
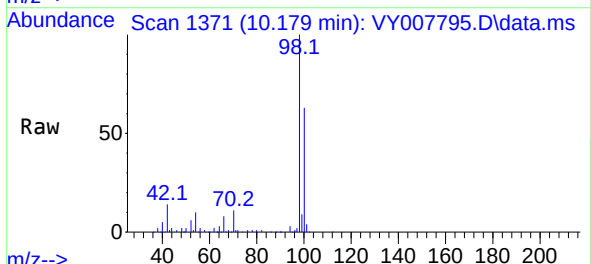


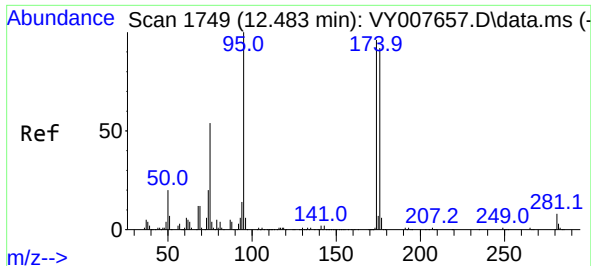
Tgt Ion:117 Resp: 5092
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.959 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007795.D
Acq: 08 Mar 2022 21:09

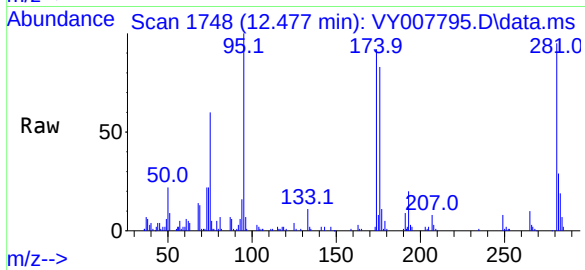
Tgt Ion: 98 Resp: 89656
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



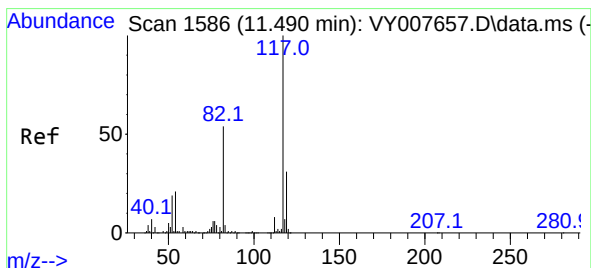
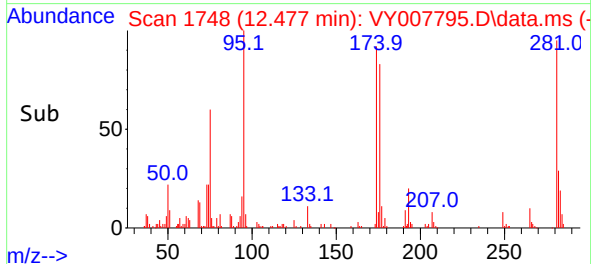
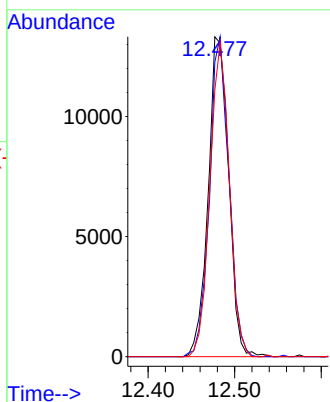


#62
4-Bromofluorobenzene
Concen: 36.401 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007795.D
Acq: 08 Mar 2022 21:09

Instrument :
MSVOA_Y
ClientSampleId :

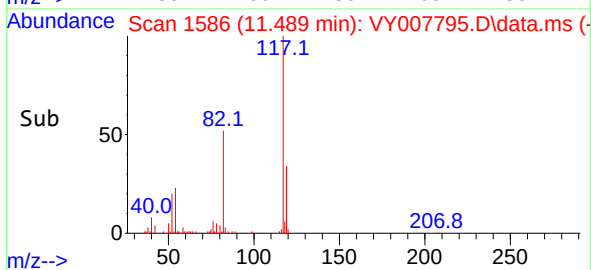
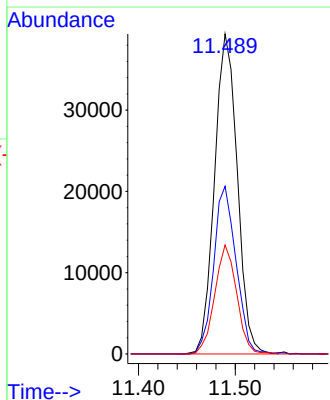
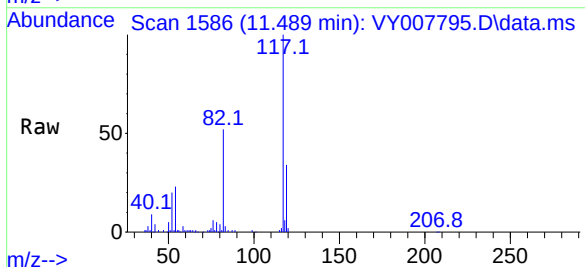


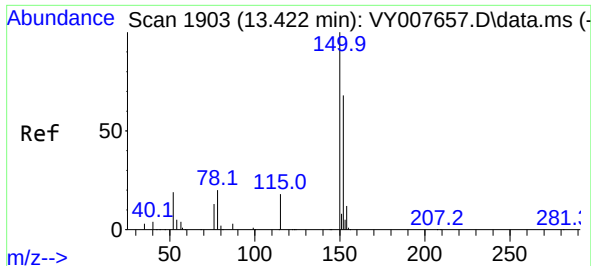
Tgt Ion: 95 Resp: 21935
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 92.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007795.D
Acq: 08 Mar 2022 21:09

Tgt Ion: 117 Resp: 64282
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 34.0 25.4 38.0

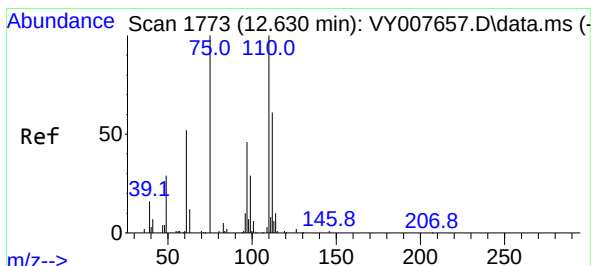
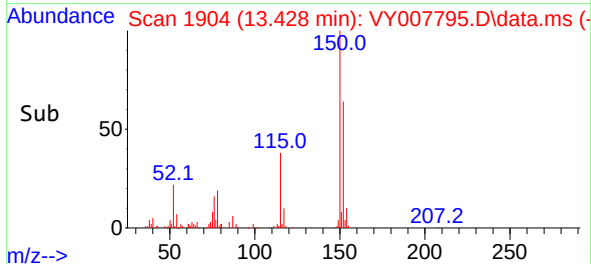
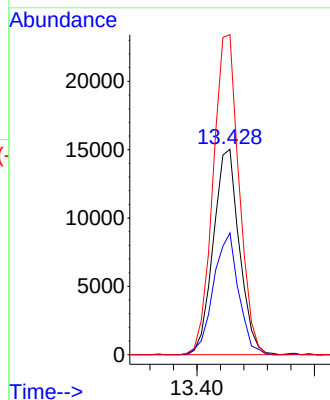
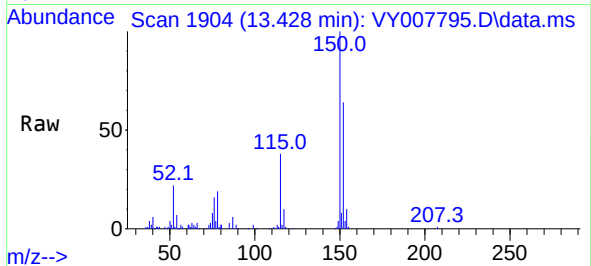




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007795.D
 Acq: 08 Mar 2022 21:09

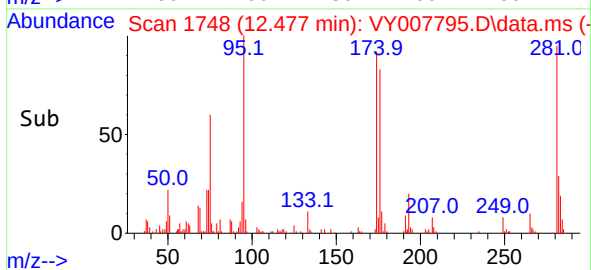
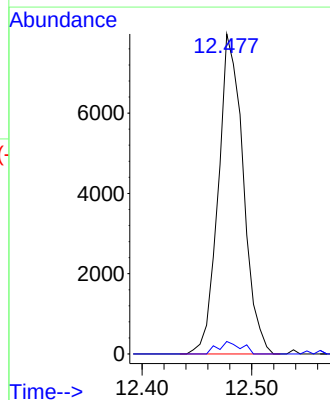
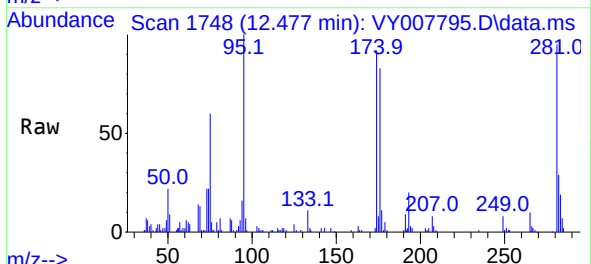
Instrument :
 MSVOA_Y
 ClientSampleId :

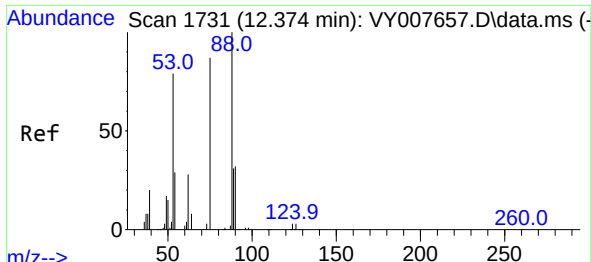
Tgt Ion:152 Resp: 23106
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.2 84.7
 150 155.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.733 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007795.D
 Acq: 08 Mar 2022 21:09

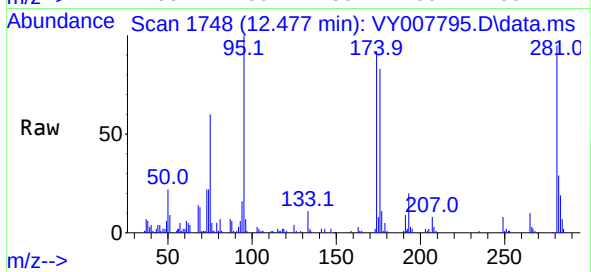
Tgt Ion: 75 Resp: 12575
 Ion Ratio Lower Upper
 75 100
 77 3.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.628 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007795.D
 Acq: 08 Mar 2022 21:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 12575

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	1.7	37.0	55.4#

