

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006479.D
 Acq On : 26 Oct 2021 14:25
 Operator : SY/MD
 Sample : M4332-09
 Misc : 6.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:25:56 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)

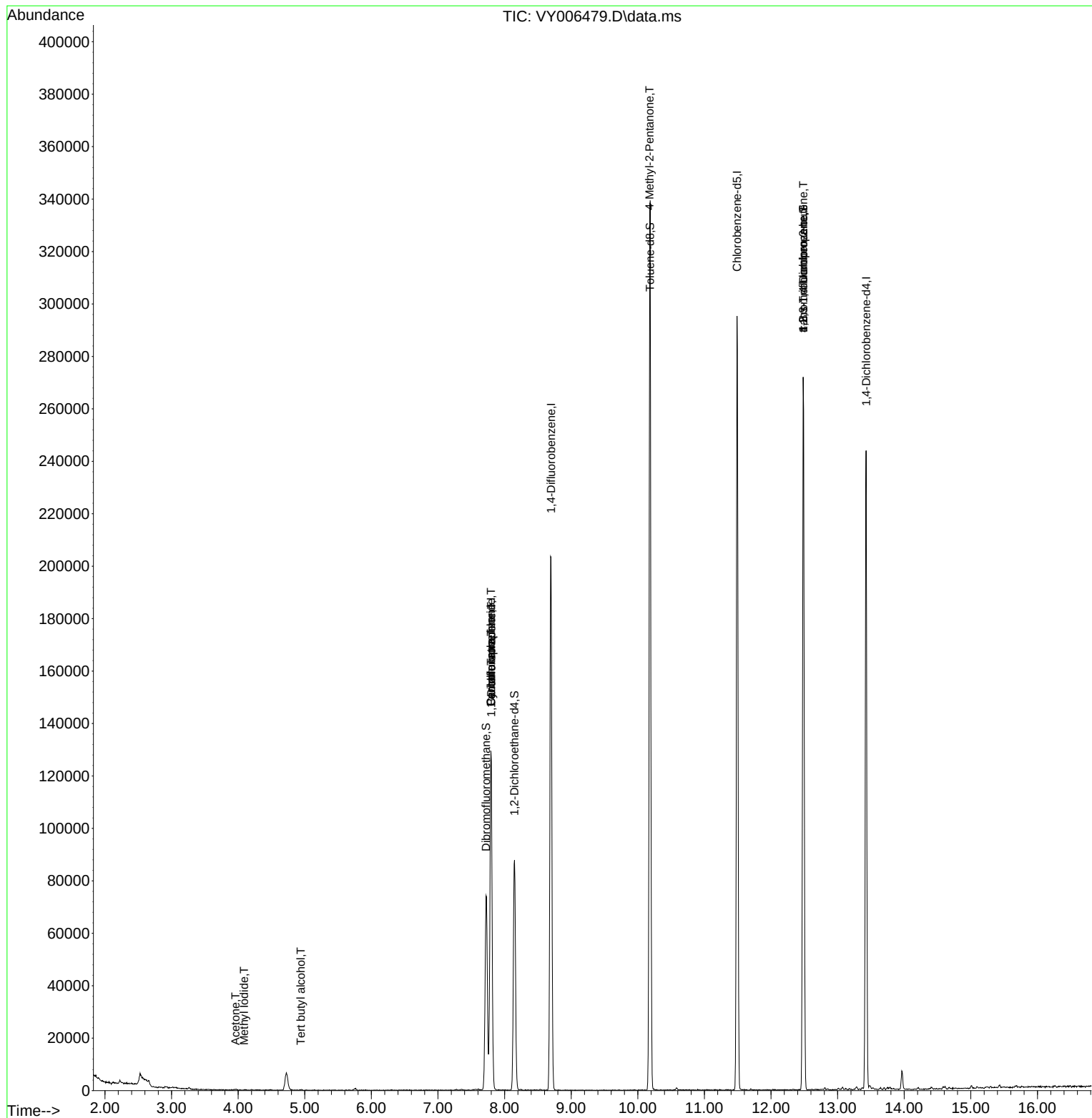
Internal Standards						
1) Pentafluorobenzene	7.795	168	100133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	164265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74836	60.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.460%	
35) Dibromofluoromethane	7.722	113	49650	54.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.460%	
50) Toluene-d8	10.185	98	211387	54.464	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.920%	
62) 4-Bromofluorobenzene	12.483	95	61004	46.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	153	5.199	ug/l #	89
11) Tert butyl alcohol	4.942	59	302	2.698	ug/l #	72
16) Acetone	3.960	43	621	1.750	ug/l #	46
31) Cyclohexane	7.795	56	2320	1.163	ug/l #	28
36) 1,1-Dichloropropene	7.801	75	8081	4.979	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9868	5.511	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1054	1.009	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	35835	60.334	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35835	123.863	ug/l #	7

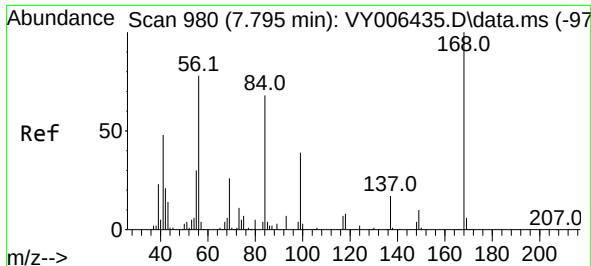
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

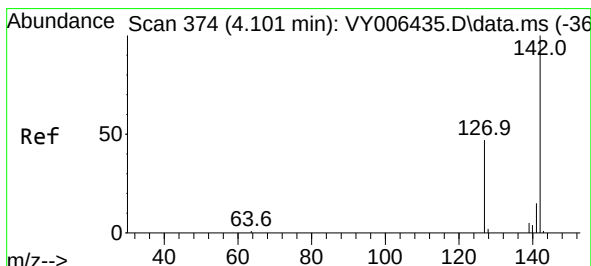
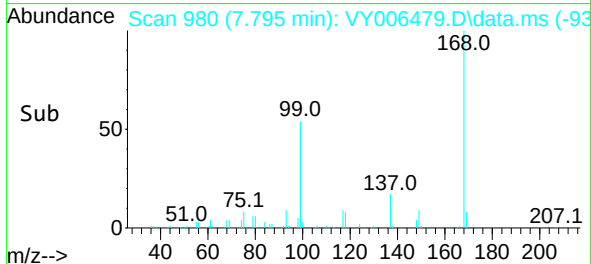
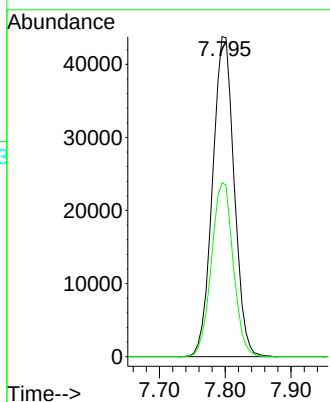
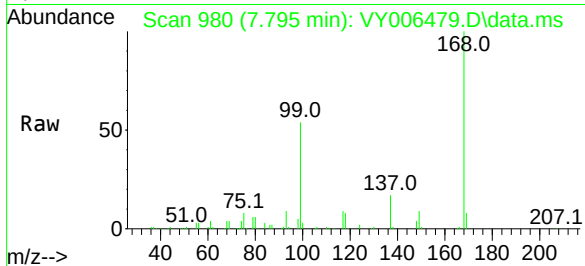




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006479.D
Acq: 26 Oct 2021 14:25

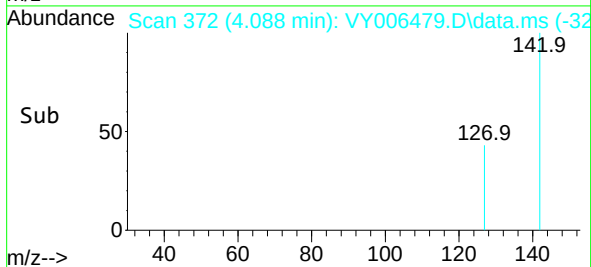
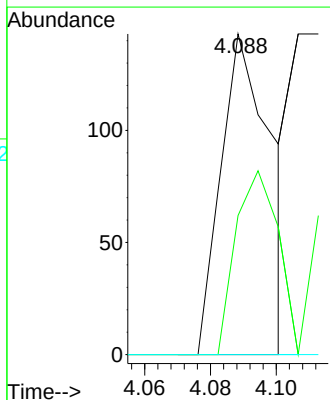
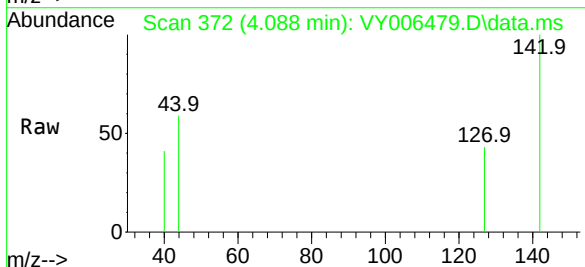
Instrument :
MSVOA_Y
ClientSampleId :

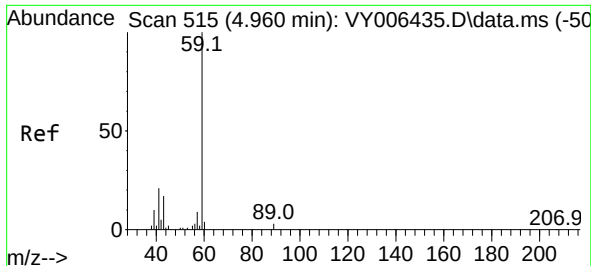
Tgt Ion:168 Resp: 100133
Ion Ratio Lower Upper
168 100
99 54.4 44.8 67.2



#10
Methyl Iodide
Concen: 5.199 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.013 min
Lab File: VY006479.D
Acq: 26 Oct 2021 14:25

Tgt Ion:142 Resp: 153
Ion Ratio Lower Upper
142 100
127 48.4 40.1 60.1
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 2.698 ug/l

RT: 4.942 min Scan# 515

Delta R.T. -0.018 min

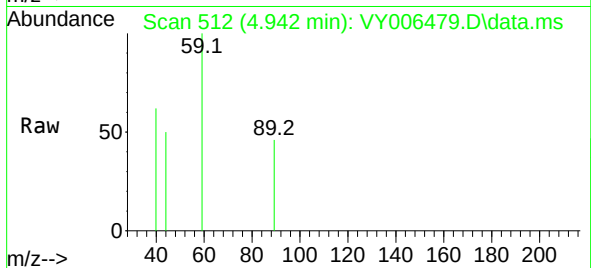
Lab File: VY006479.D

Acq: 26 Oct 2021 14:25

Instrument :

MSVOA_Y

ClientSampleId :

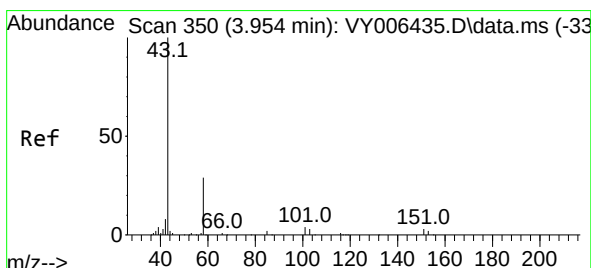
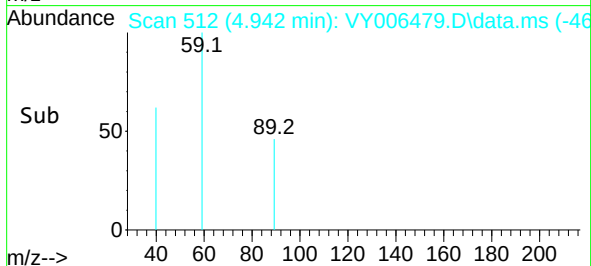
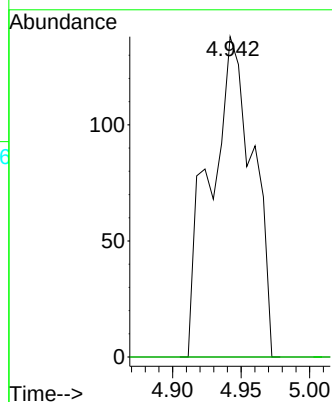


Tgt Ion: 59 Resp: 302

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.750 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY006479.D

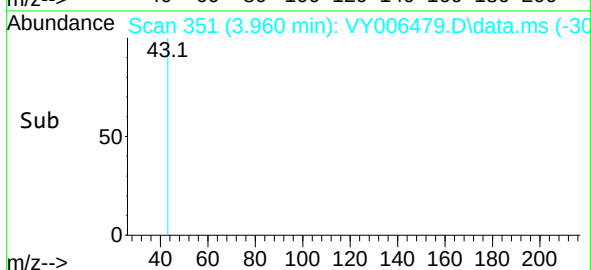
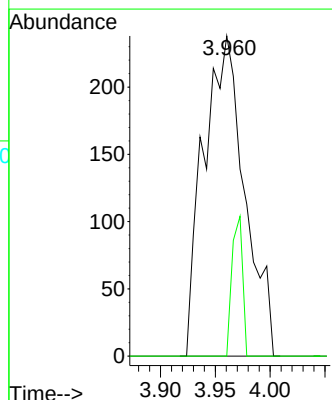
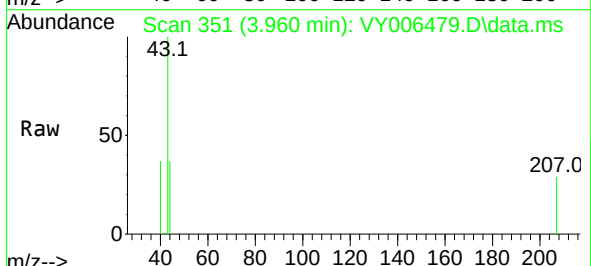
Acq: 26 Oct 2021 14:25

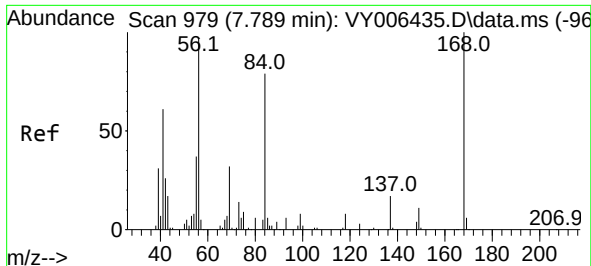
Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

43 100

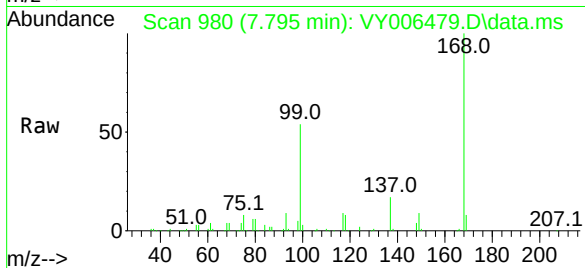
58 0.0 22.9 34.3#



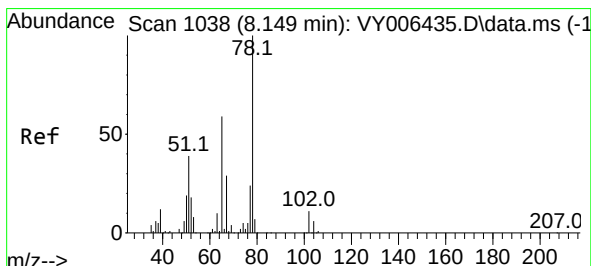
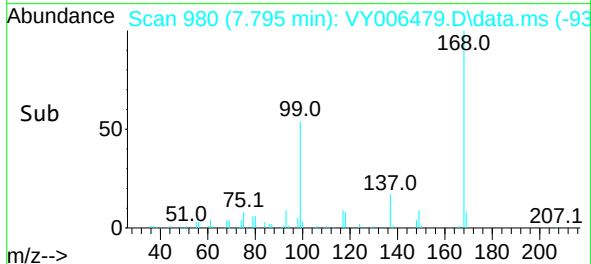
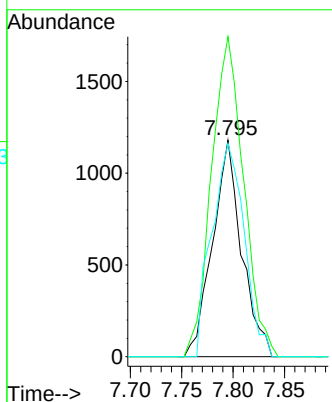


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006479.D
Acq: 26 Oct 2021 14:25

Instrument :
MSVOA_Y
ClientSampleId :

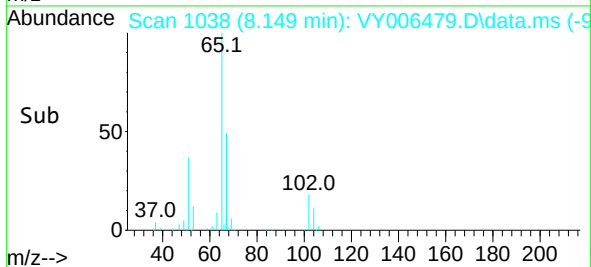
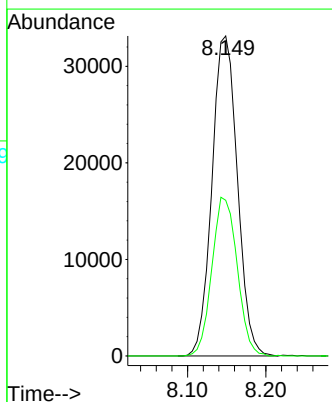
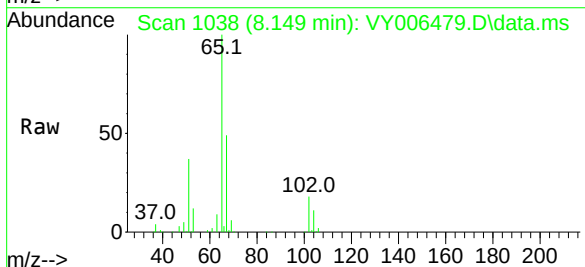


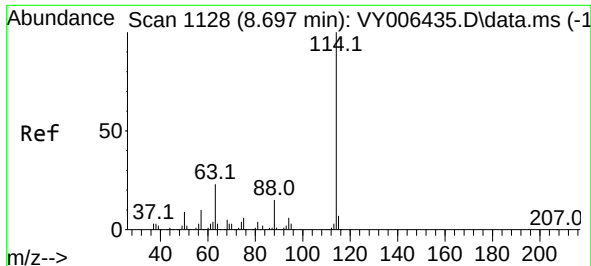
Tgt Ion: 56 Resp: 2320
Ion Ratio Lower Upper
56 100
69 147.8 26.6 40.0#
84 98.5 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 60.734 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006479.D
Acq: 26 Oct 2021 14:25

Tgt Ion: 65 Resp: 74836
Ion Ratio Lower Upper
65 100
67 49.3 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: VY006479.D

Acq: 26 Oct 2021 14:25

Instrument :

MSVOA_Y

ClientSampleId :

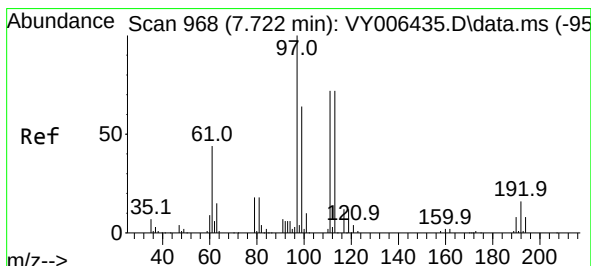
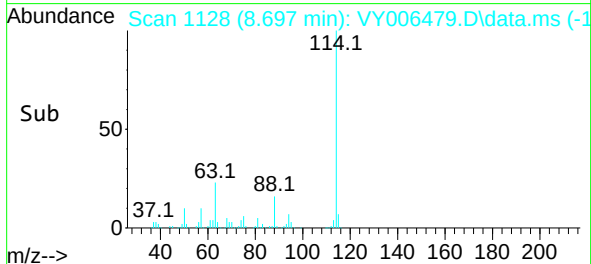
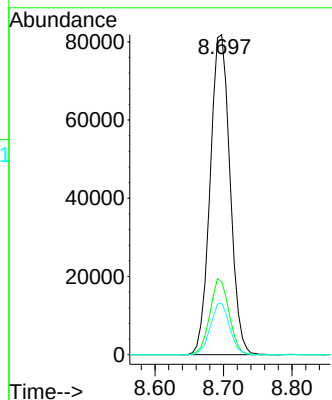
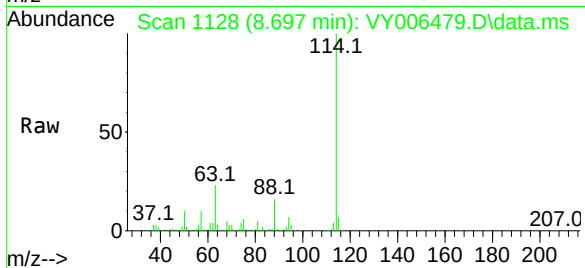
Tgt Ion:114 Resp: 164265

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.229 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006479.D

Acq: 26 Oct 2021 14:25

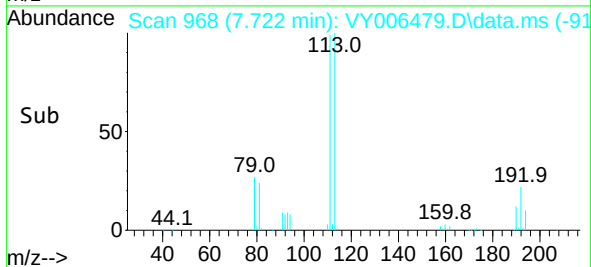
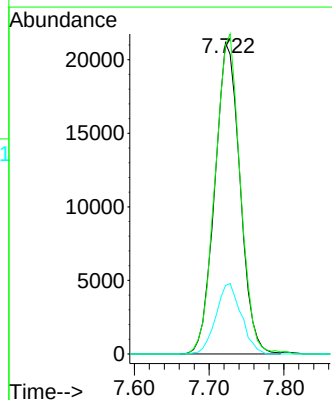
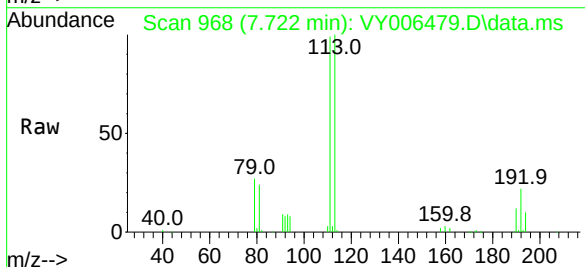
Tgt Ion:113 Resp: 49650

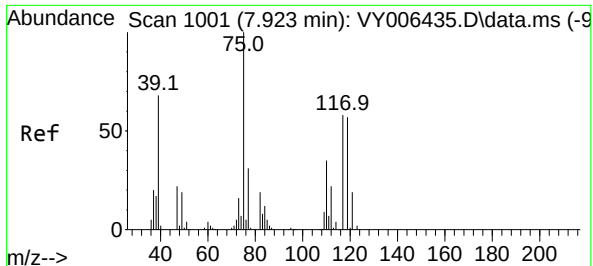
Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

192 22.6 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.979 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.122 min

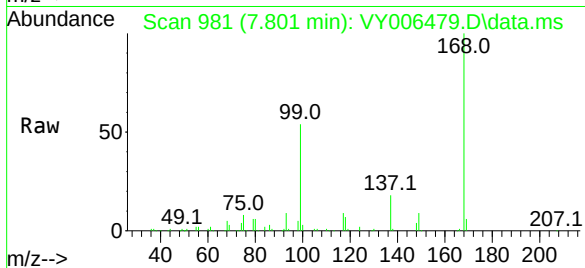
Lab File: VY006479.D

Acq: 26 Oct 2021 14:25

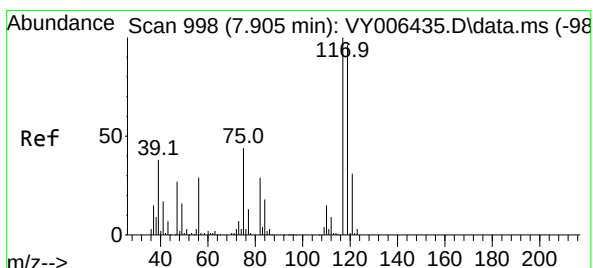
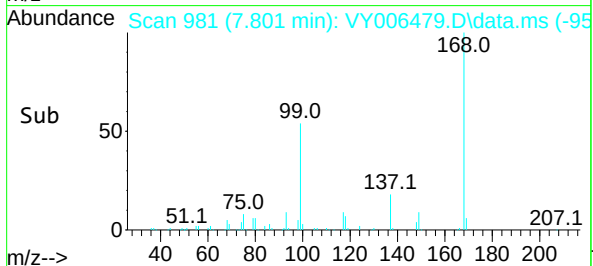
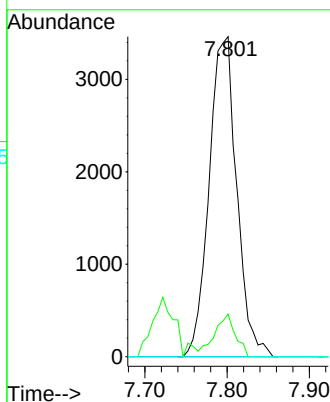
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	8081
Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.511 ug/l

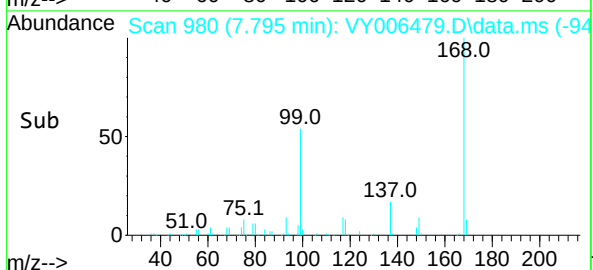
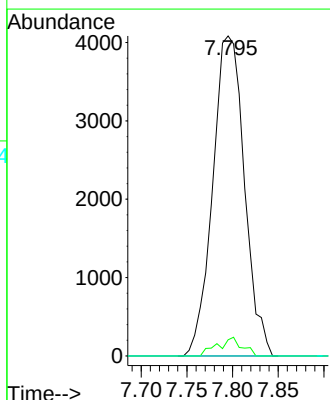
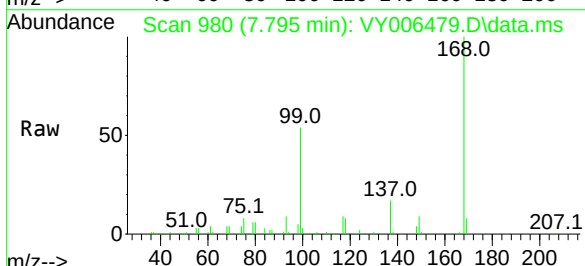
RT: 7.795 min Scan# 980

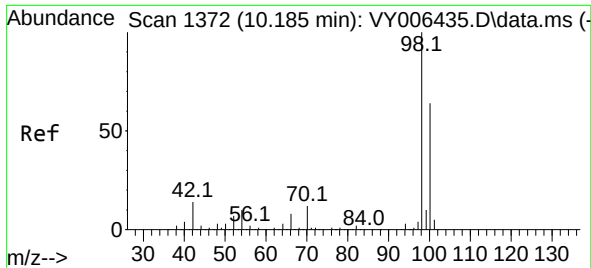
Delta R.T. -0.110 min

Lab File: VY006479.D

Acq: 26 Oct 2021 14:25

Tgt Ion:	117	Resp:	9868
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.6	115.0#
121	0.0	24.7	37.1#

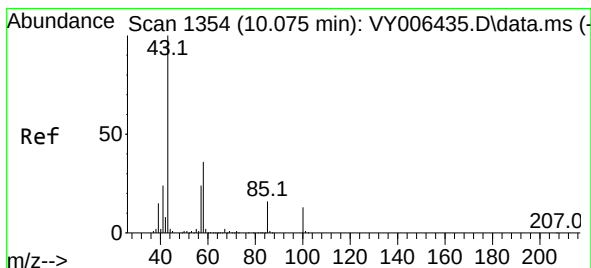
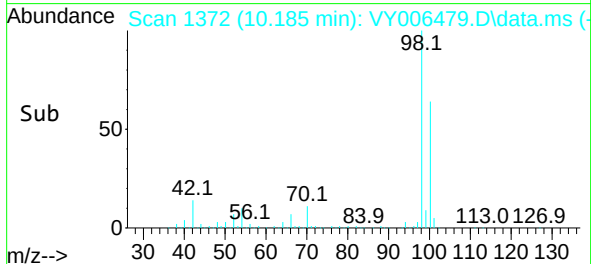
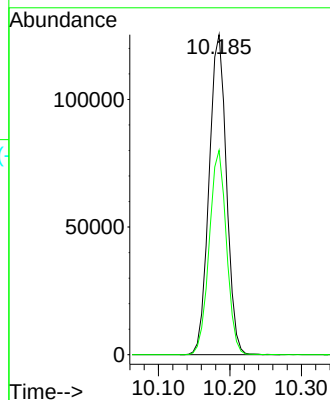
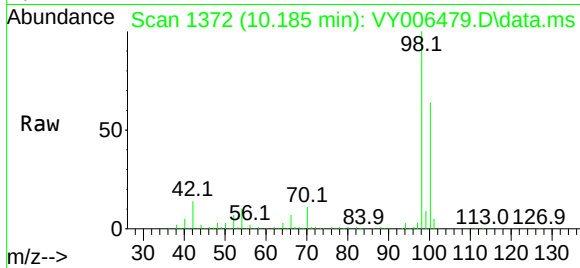




#50
Toluene-d8
Concen: 54.464 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006479.D
Acq: 26 Oct 2021 14:25

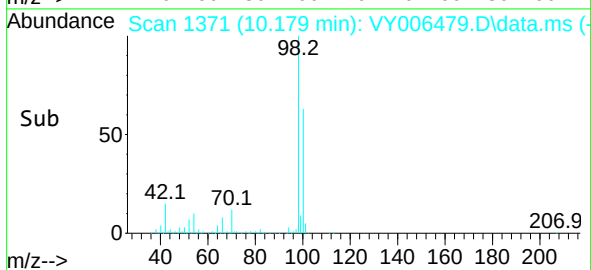
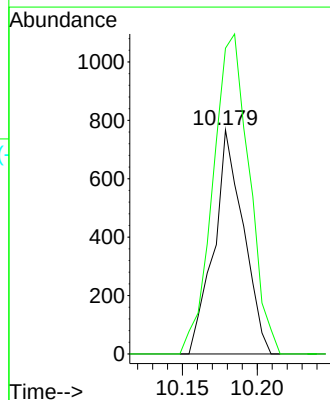
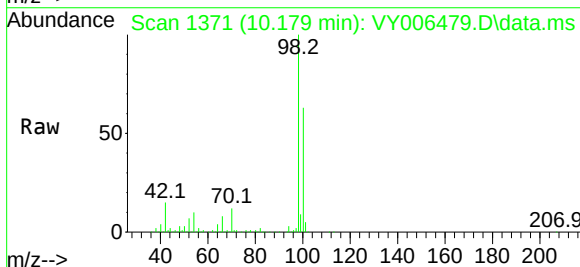
Instrument :
MSVOA_Y
ClientSampleId :

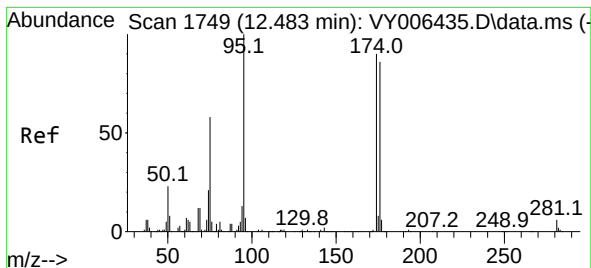
Tgt Ion: 98 Resp: 211387
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.009 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006479.D
Acq: 26 Oct 2021 14:25

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 174.9 28.7 43.1#

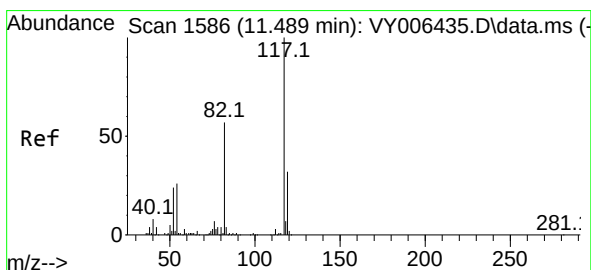
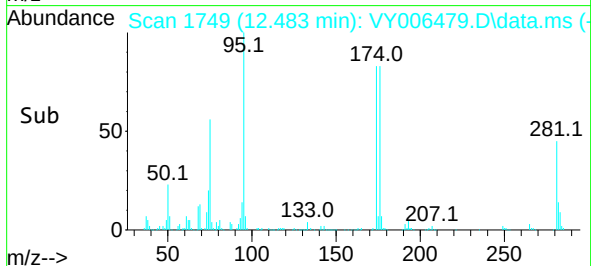
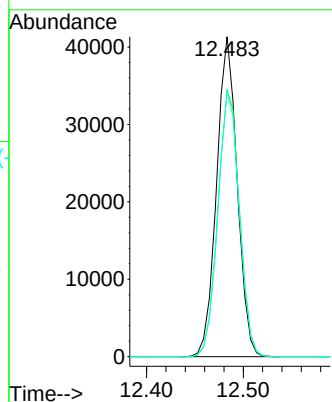
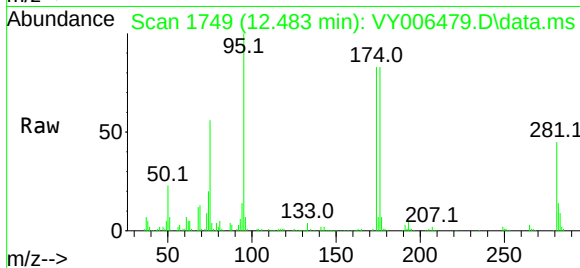




#62
4-Bromofluorobenzene
Concen: 46.660 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006479.D
Acq: 26 Oct 2021 14:25

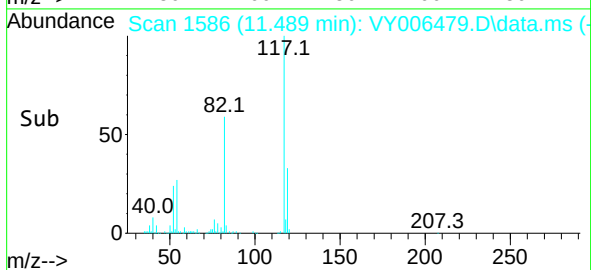
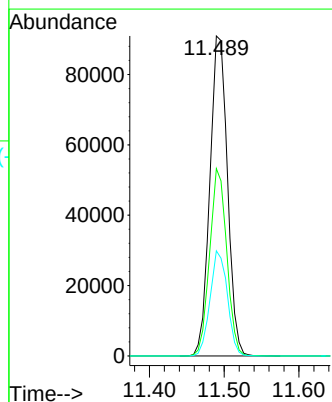
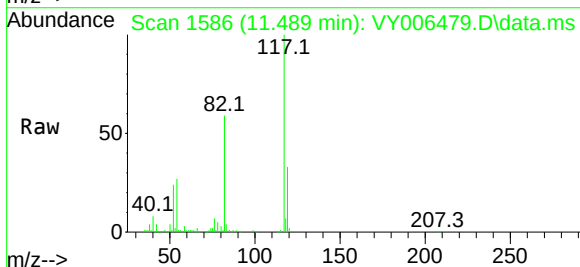
Instrument :
MSVOA_Y
ClientSampleId :

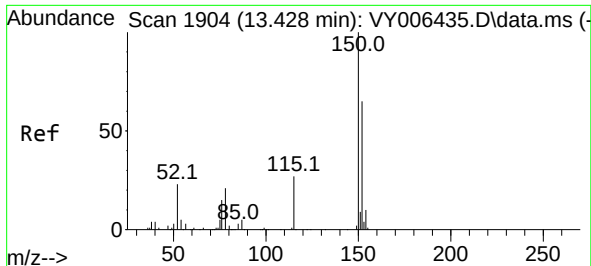
Tgt Ion: 95 Resp: 61004
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 85.9 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006479.D
Acq: 26 Oct 2021 14:25

Tgt Ion: 117 Resp: 149142
Ion Ratio Lower Upper
117 100
82 58.5 45.7 68.5
119 32.8 25.5 38.3

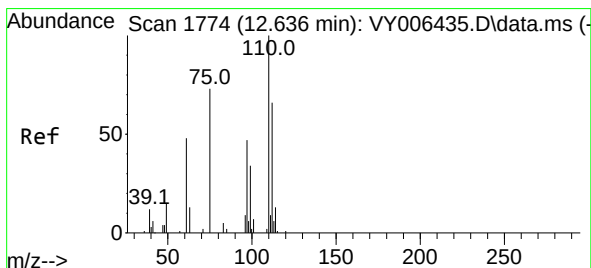
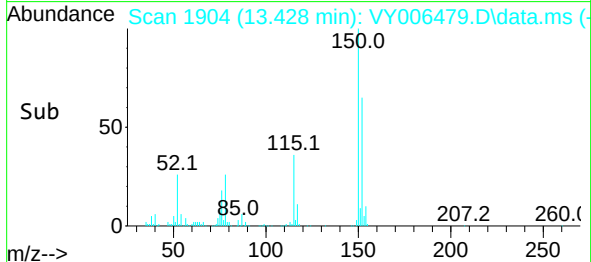
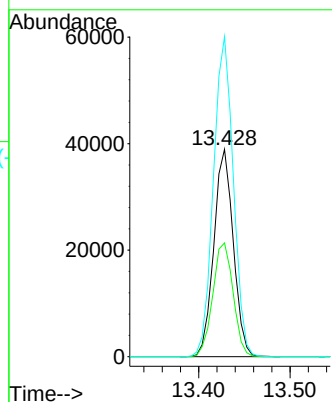
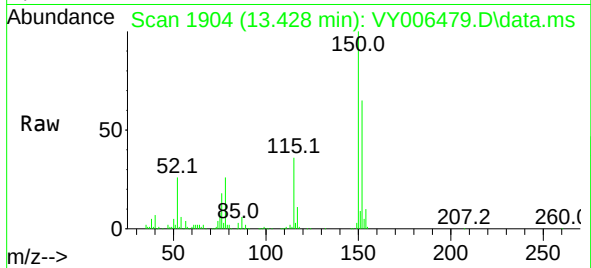




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006479.D
 Acq: 26 Oct 2021 14:25

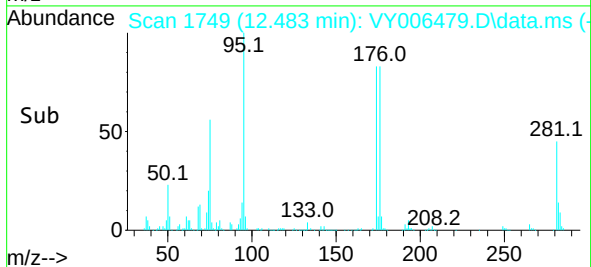
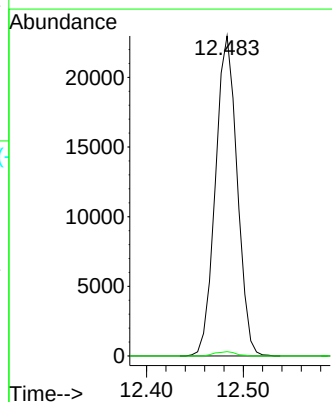
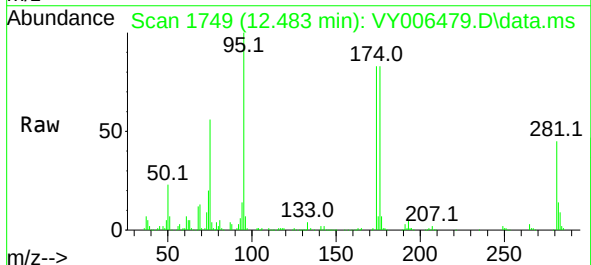
Instrument :
 MSVOA_Y
 ClientSampleId :

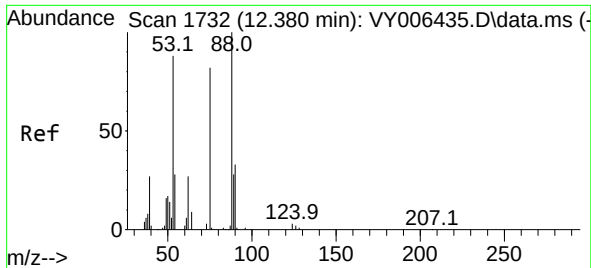
Tgt Ion:152 Resp: 57638
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.5 85.5
 150 157.3 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 60.334 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006479.D
 Acq: 26 Oct 2021 14:25

Tgt Ion: 75 Resp: 35835
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 123.863 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.104 min

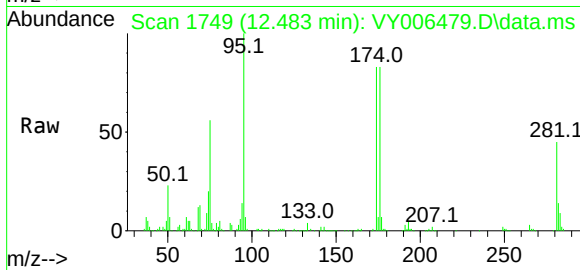
Lab File: VY006479.D

Acq: 26 Oct 2021 14:25

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75 Resp: 35835

Ion Ratio Lower Upper

75 100

53 0.0 85.8 128.6#

89 0.1 39.3 58.9#

