

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005324.D
 Acq On : 01 Jul 2021 19:08
 Operator : SY/MD
 Sample : M2913-09
 Misc : 6.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-3700

Quant Time: Jul 02 05:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	194438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	310432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110242	68.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.640%
35) Dibromofluoromethane	7.722	113	100102	54.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.720%
50) Toluene-d8	10.185	98	386010	52.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.483	95	140286	57.166	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.340%

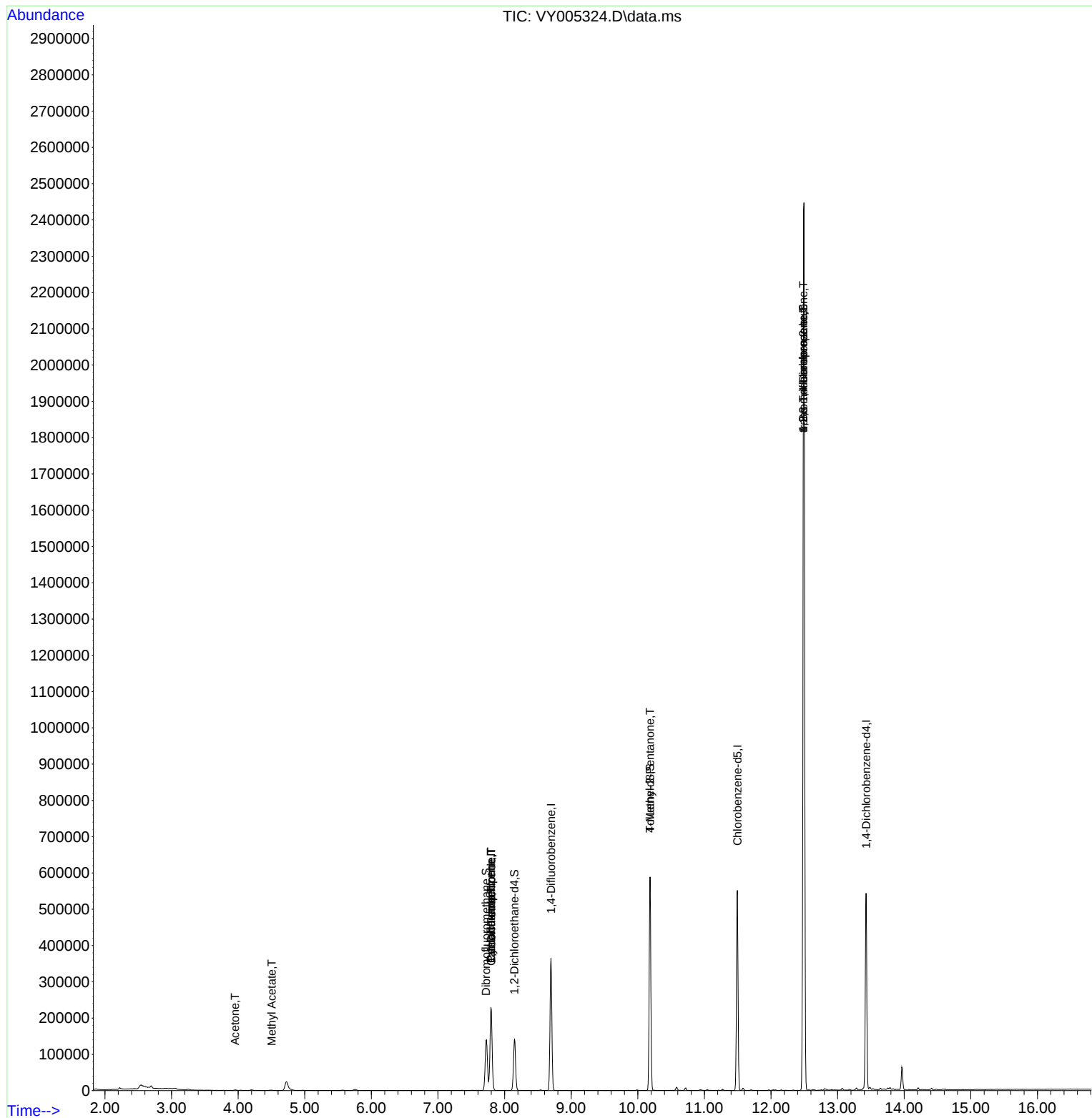
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	1185	Below Cal	#	77
16) Acetone	3.954	43	2615	7.015	ug/l	99
18) Methyl Acetate	4.503	43	2243	2.264	ug/l	# 88
31) Cyclohexane	7.795	56	3159	1.097	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	12514	4.551	ug/l	# 49
38) Carbon Tetrachloride	7.801	117	16173	5.619	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.185	43	1626	1.192	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	79214	60.784	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	79214	113.409	ug/l	# 20

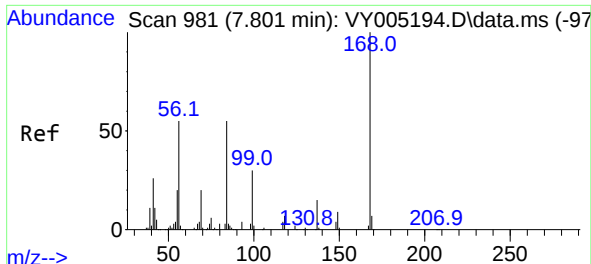
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005324.D
Acq On : 01 Jul 2021 19:08
Operator : SY/MD
Sample : M2913-09
Misc : 6.51G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D-3700

Quant Time: Jul 02 05:19:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

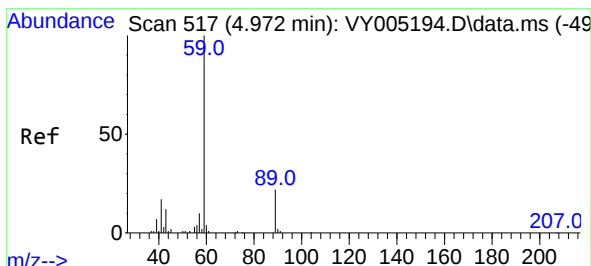
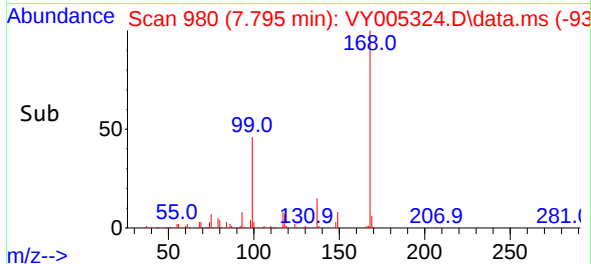
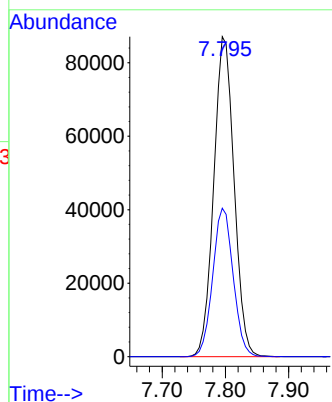
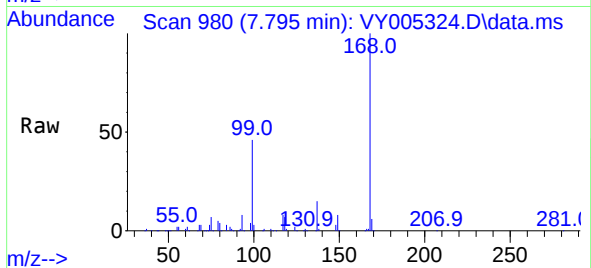




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

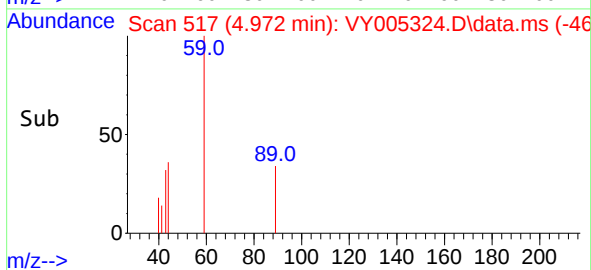
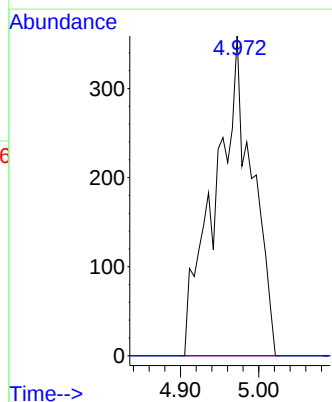
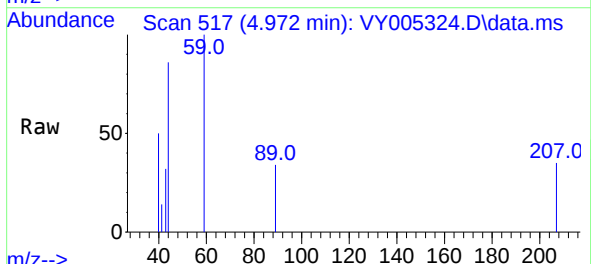
Instrument :
MSVOA_Y
ClientSampled :
D-3700

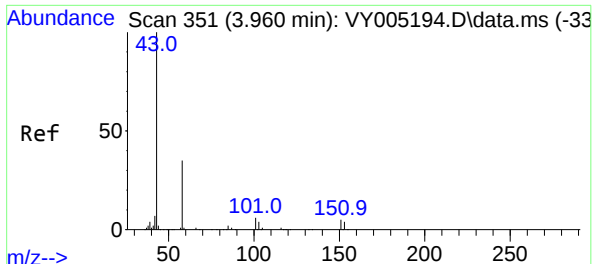
Tgt Ion:168 Resp: 194438
Ion Ratio Lower Upper
168 100
99 46.4 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

Tgt Ion: 59 Resp: 1185
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#





#16

Acetone

Concen: 7.015 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.006 min

Lab File: VY005324.D

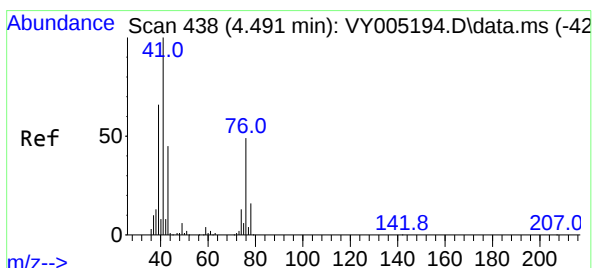
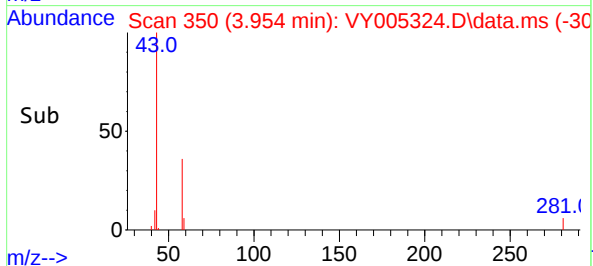
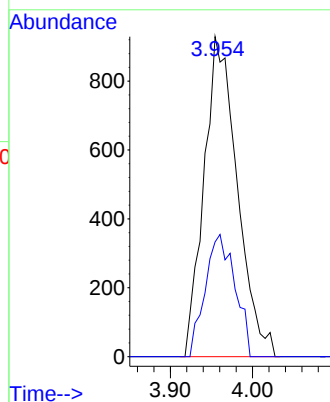
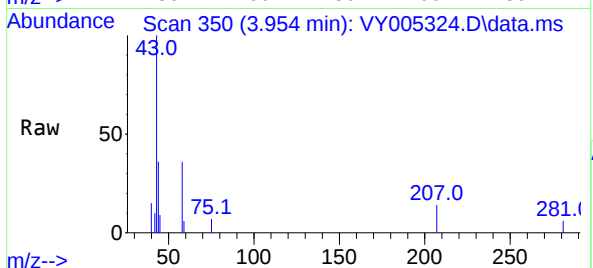
Acq: 01 Jul 2021 19:08

Tgt Ion: 43 Resp: 2615

Ion Ratio Lower Upper

43 100

58 35.8 28.2 42.2



#18

Methyl Acetate

Concen: 2.264 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY005324.D

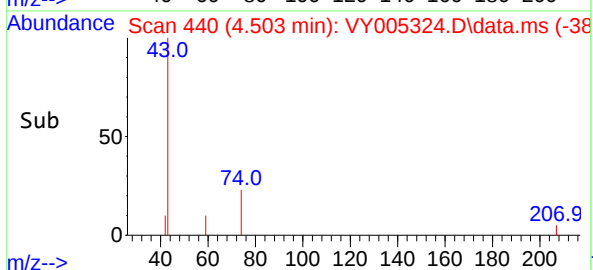
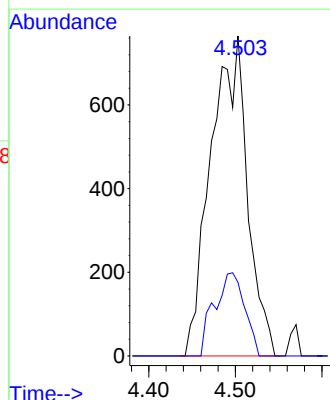
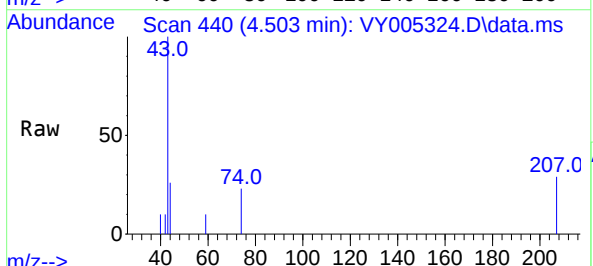
Acq: 01 Jul 2021 19:08

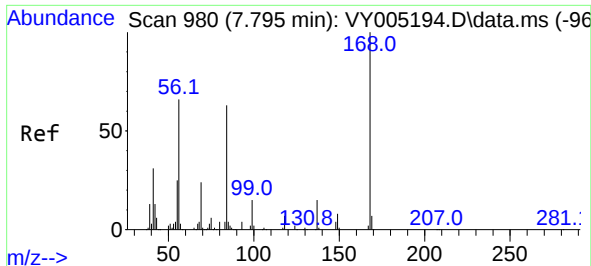
Tgt Ion: 43 Resp: 2243

Ion Ratio Lower Upper

43 100

74 21.5 22.5 33.7#

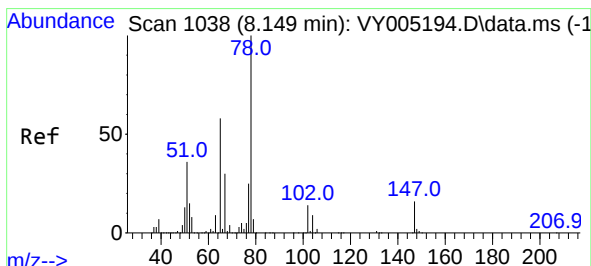
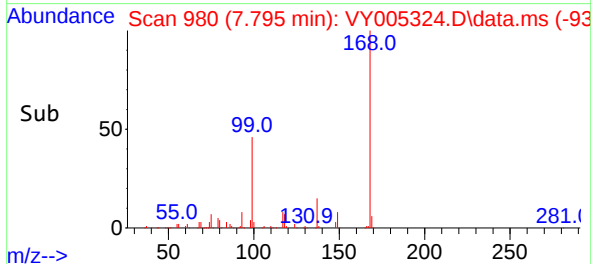
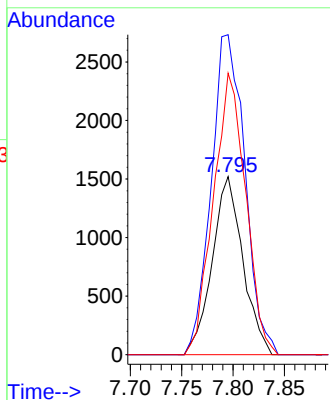
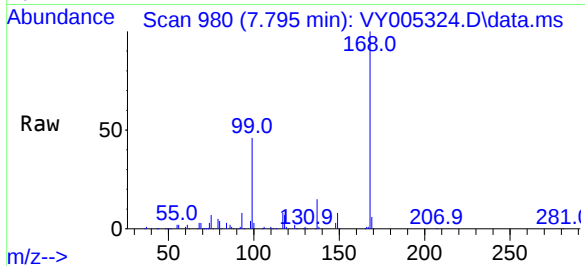




#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

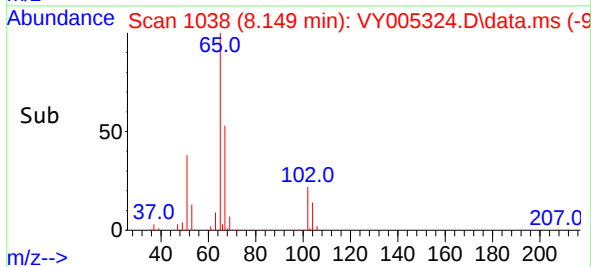
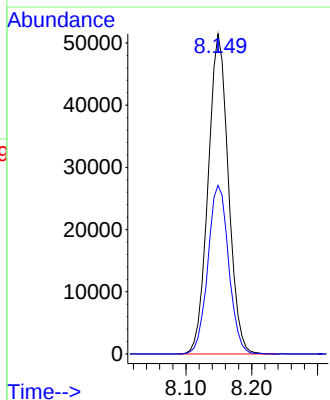
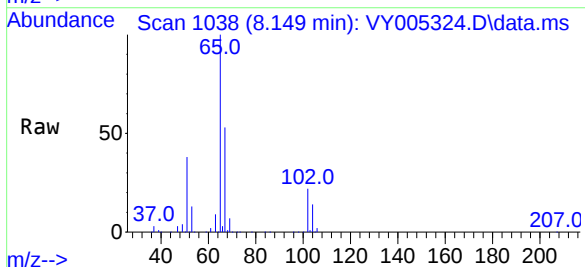
Instrument :
MSVOA_Y
ClientSampled :
D-3700

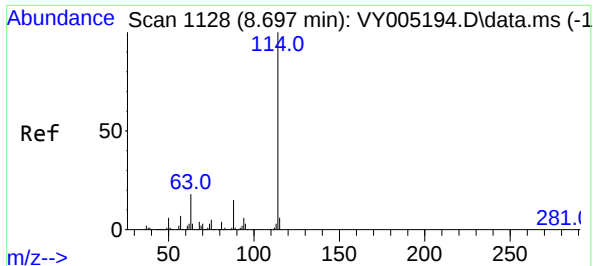
Tgt Ion: 56 Resp: 3159
Ion Ratio Lower Upper
56 100
69 179.7 29.6 44.4#
84 158.1 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 68.322 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

Tgt Ion: 65 Resp: 110242
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6

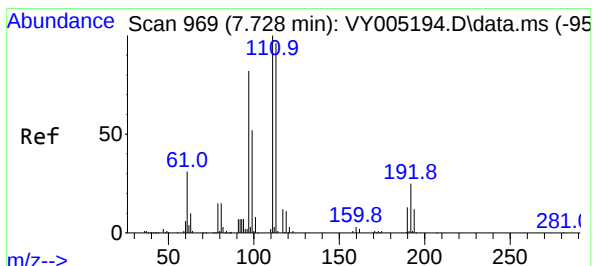
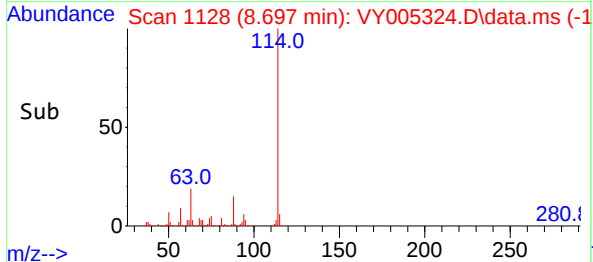
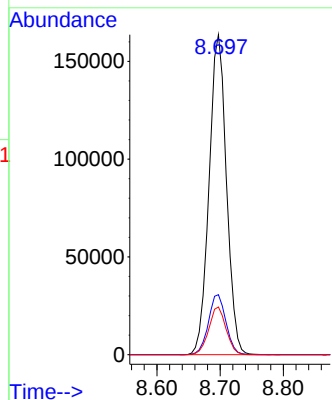
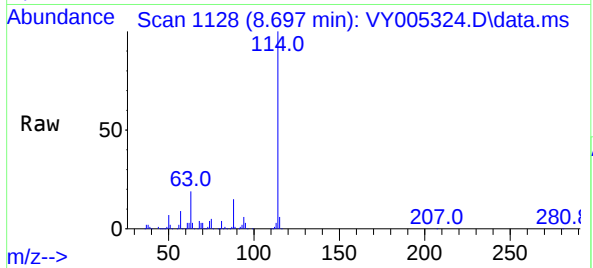




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

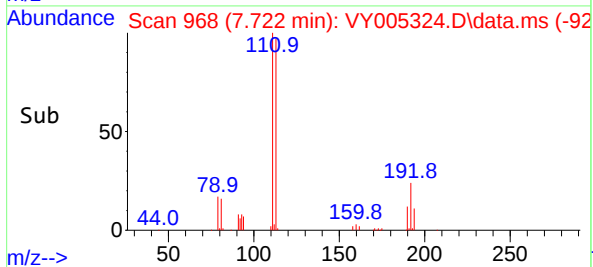
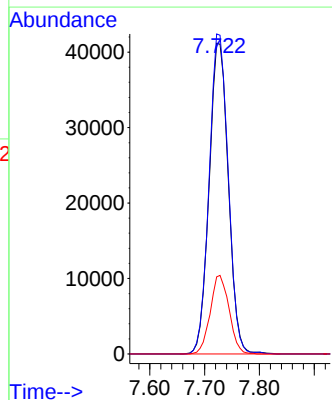
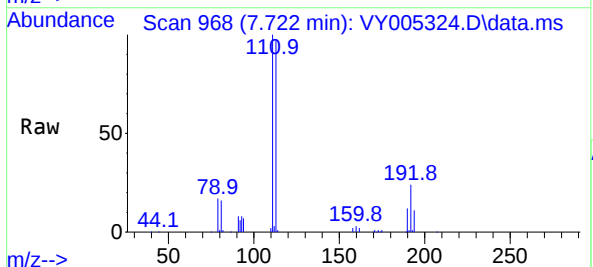
Instrument :
MSVOA_Y
ClientSampleId :
D-3700

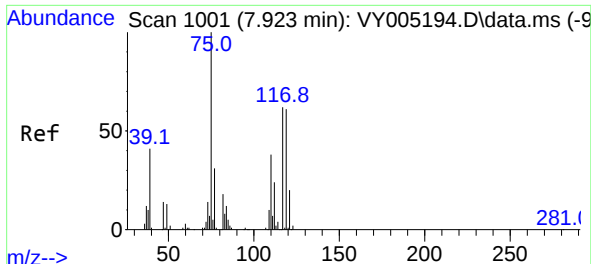
Tgt Ion:114 Resp: 312248
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 54.359 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

Tgt Ion:113 Resp: 100102
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 24.8 20.2 30.2

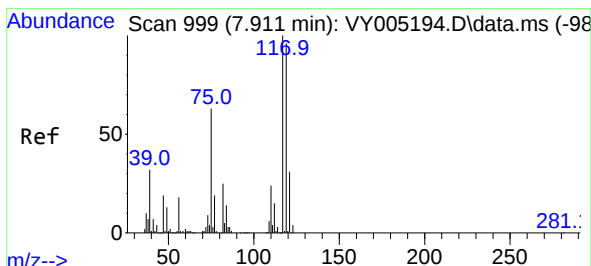
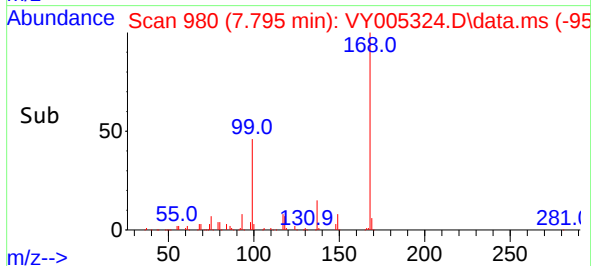
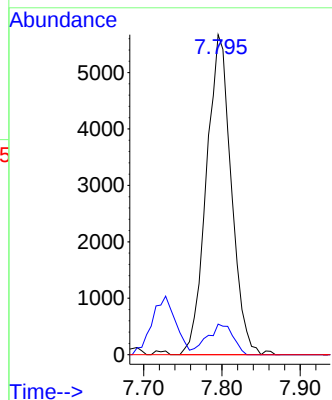
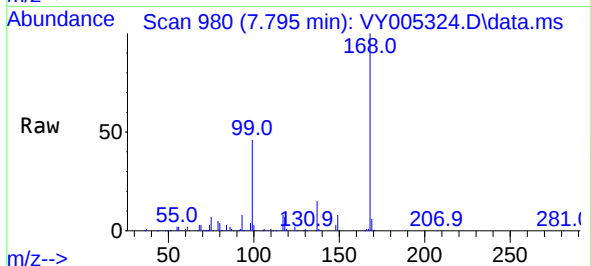




#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

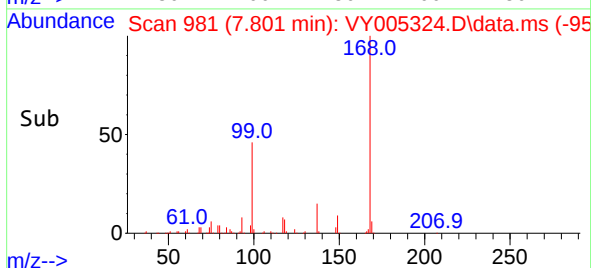
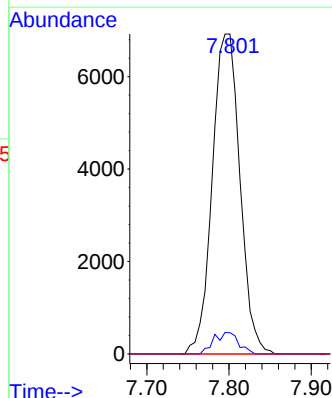
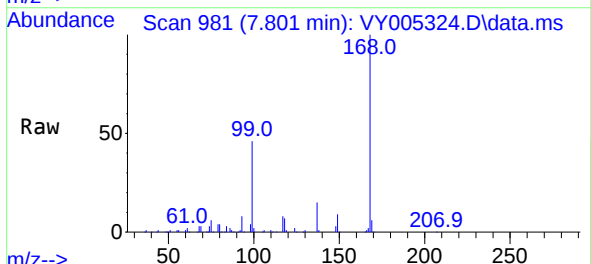
Instrument :
MSVOA_Y
ClientSampleId :
D-3700

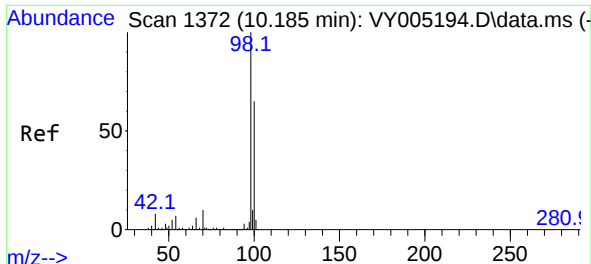
Tgt Ion: 75 Resp: 12514
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.619 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

Tgt Ion: 117 Resp: 16173
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.4#
121 0.0 24.7 37.1#

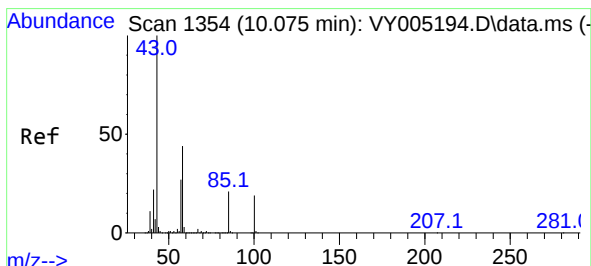
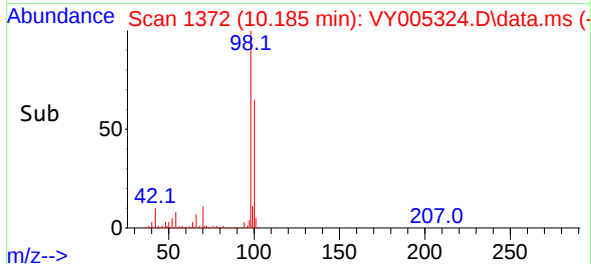
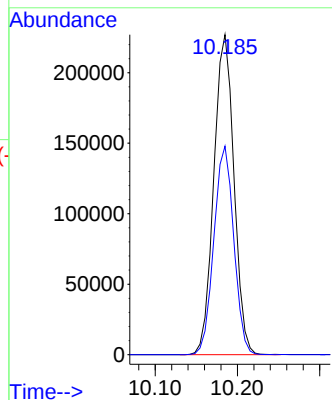
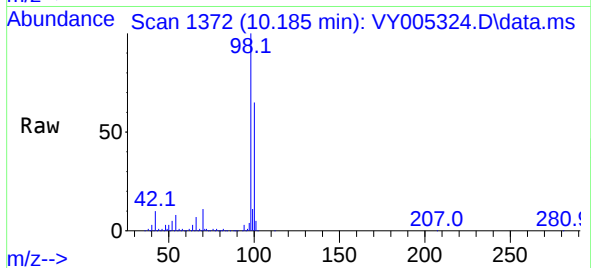




#50
Toluene-d8
Concen: 52.416 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

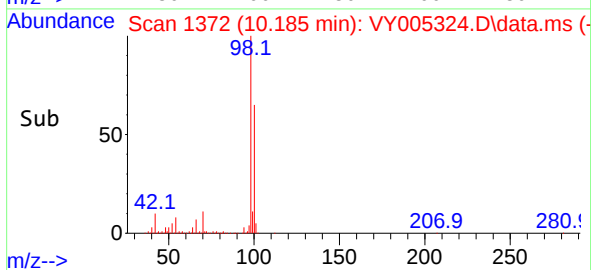
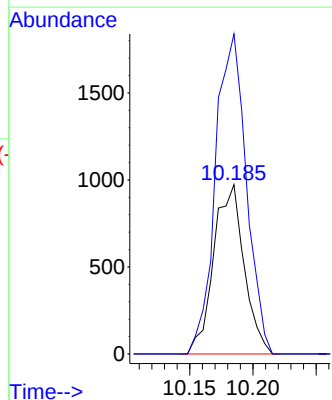
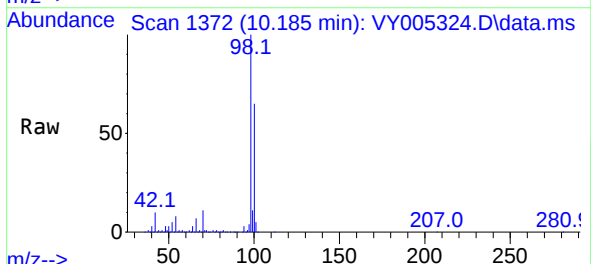
Instrument :
MSVOA_Y
ClientSampled :
D-3700

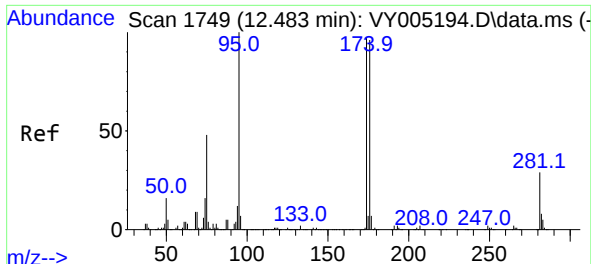
Tgt Ion: 98 Resp: 386010
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.192 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

Tgt Ion: 43 Resp: 1626
Ion Ratio Lower Upper
43 100
58 191.7 35.3 52.9#



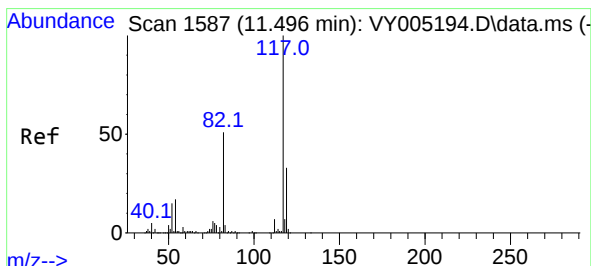
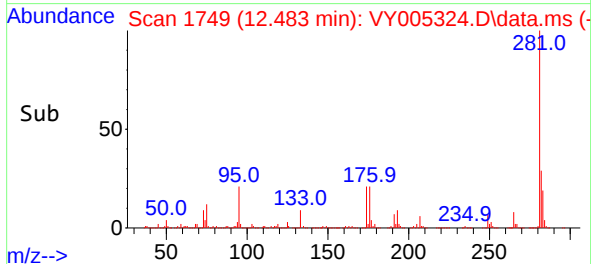
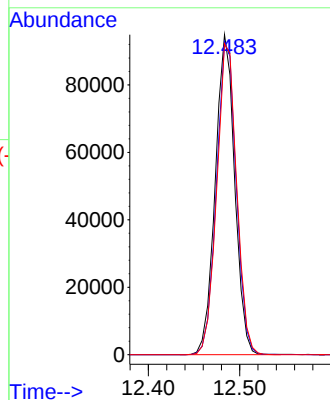
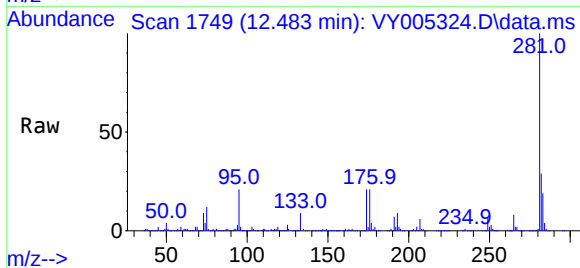


#62
4-Bromofluorobenzene
Concen: 57.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

Instrument :
MSVOA_Y
ClientSampled :
D-3700

Tgt Ion: 95 Resp: 140286

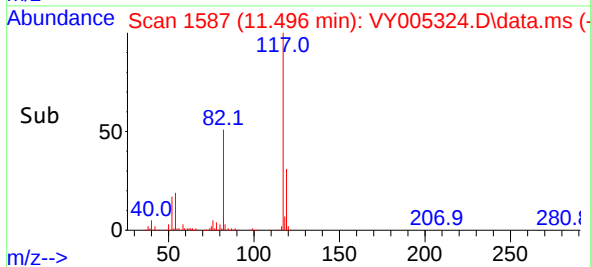
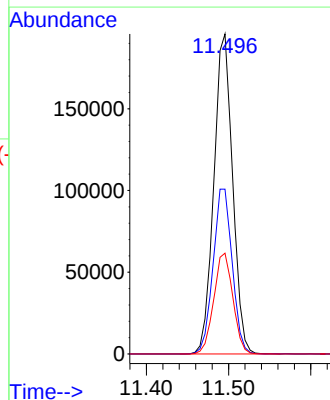
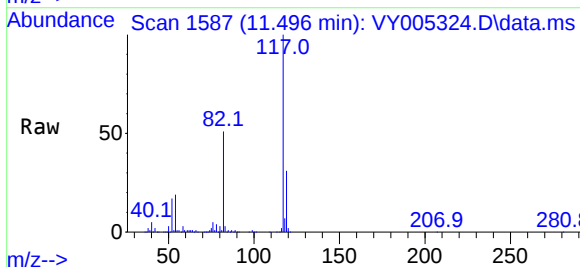
Ion	Ratio	Lower	Upper
95	100		
174	99.3	0.0	201.6
176	99.4	0.0	197.4

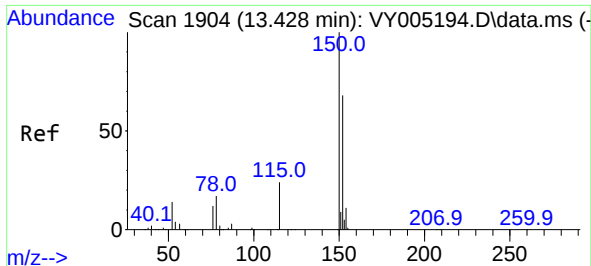


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

Tgt Ion: 117 Resp: 310432

Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.6	60.8
119	31.5	26.1	39.1

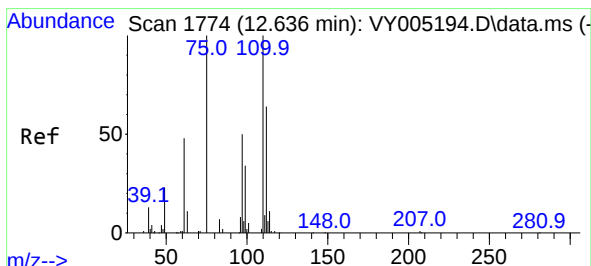
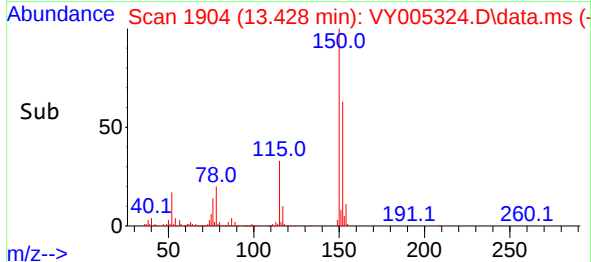
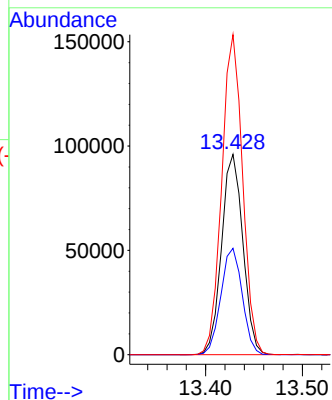
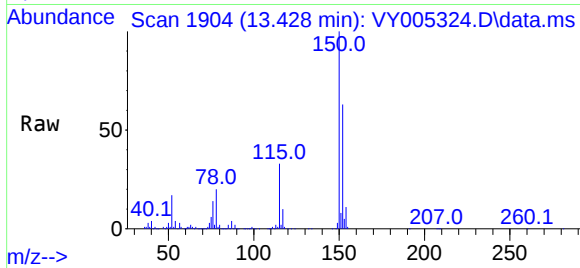




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

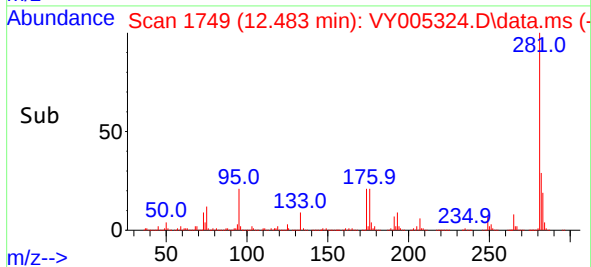
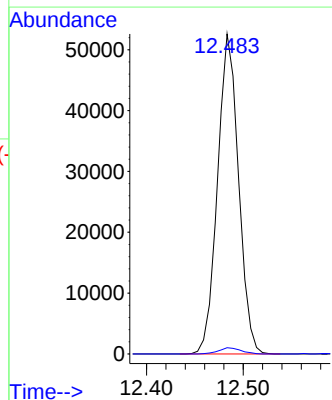
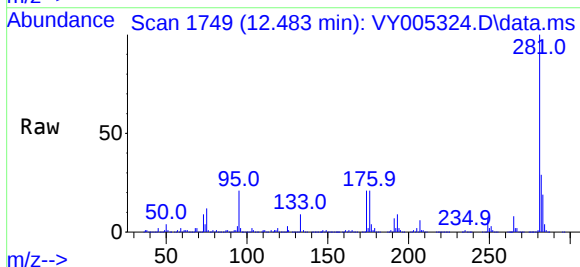
Instrument :
MSVOA_Y
ClientSampled :
D-3700

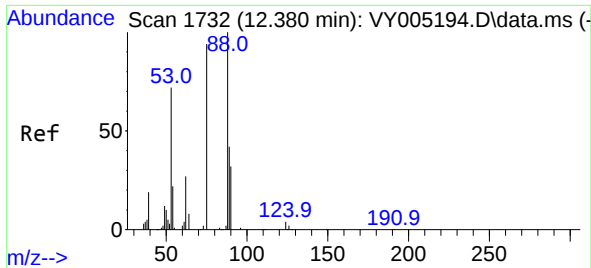
Tgt Ion:152 Resp: 146941
Ion Ratio Lower Upper
152 100
115 53.3 26.3 78.8
150 156.4 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 60.784 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

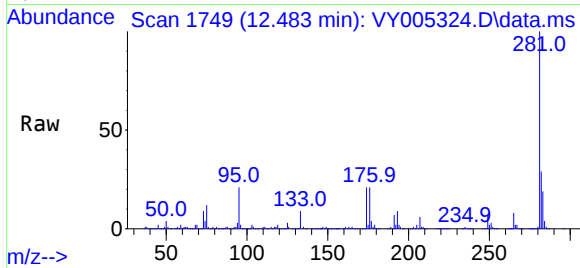
Tgt Ion: 75 Resp: 79214
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.409 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005324.D
Acq: 01 Jul 2021 19:08

Instrument :
MSVOA_Y
ClientSampleId :
D-3700



Tgt Ion: 75 Resp: 79214
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 5.2 38.0 57.0#

