

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006661.D
 Acq On : 05 Nov 2021 17:06
 Operator : SY/MD
 Sample : M4477-05
 Misc : 5.01G/10ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:41:12 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)

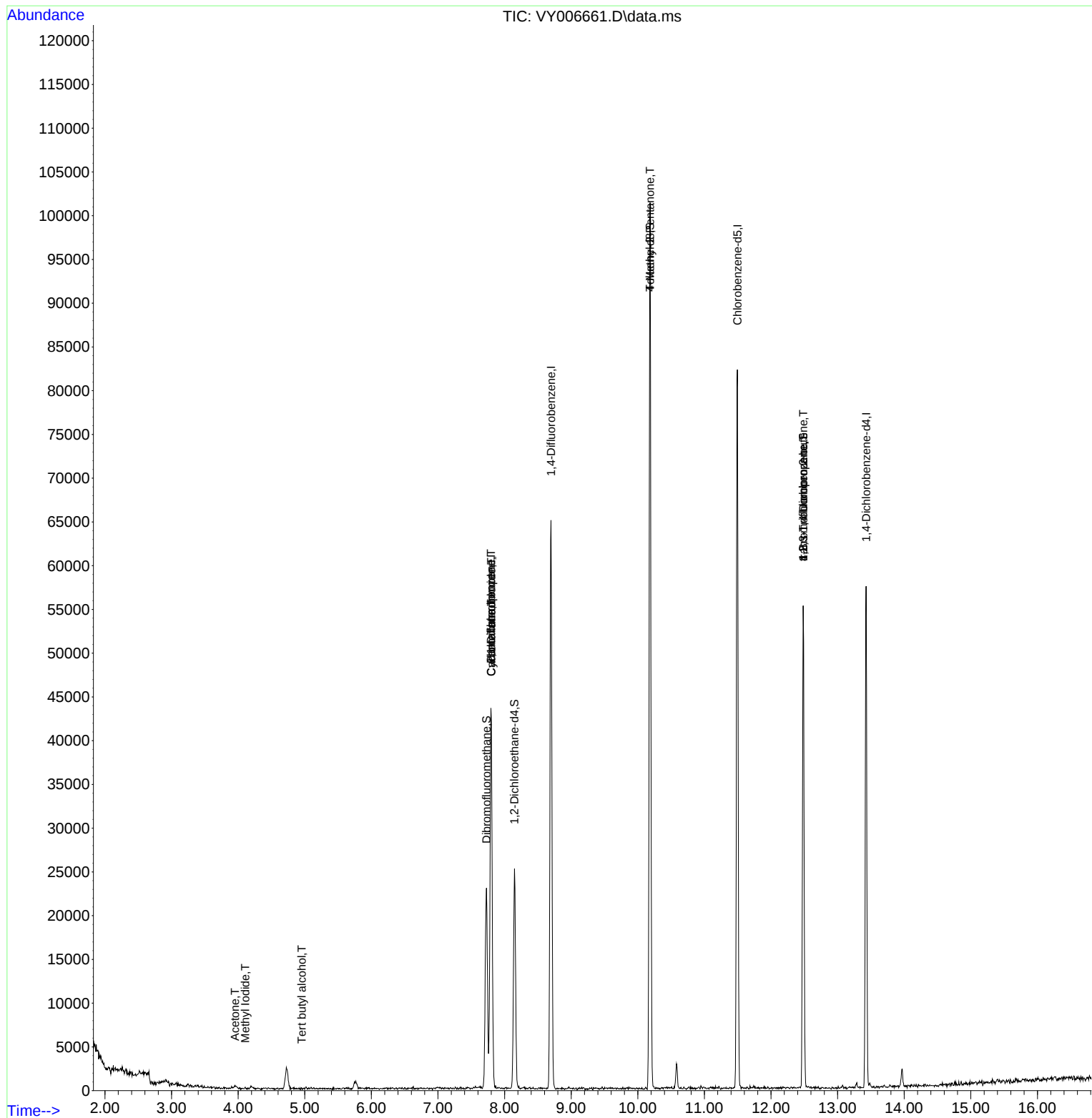
Internal Standards						
1) Pentafluorobenzene	7.795	168	32785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	51313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	42346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20001	49.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.160%
35) Dibromofluoromethane	7.728	113	15601	54.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.100%
50) Toluene-d8	10.185	98	64354	53.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.483	95	15648	38.314	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.620%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	46	5.188	ug/l #	36
11) Tert butyl alcohol	4.954	59	45	1.228	ug/l #	72
16) Acetone	3.954	43	643	5.535	ug/l #	82
31) Cyclohexane	7.801	56	905	1.386	ug/l #	41
36) 1,1-Dichloropropene	7.795	75	2928	5.775	ug/l #	47
38) Carbon Tetrachloride	7.801	117	3321	5.938	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	328	1.005	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	8504	54.867	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8504	112.639	ug/l #	7

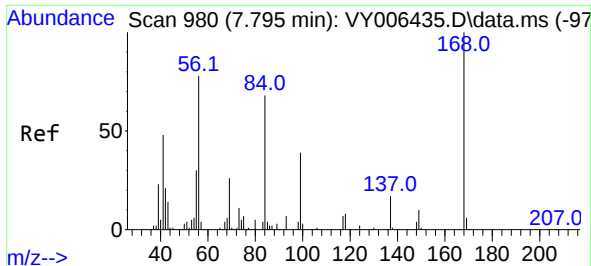
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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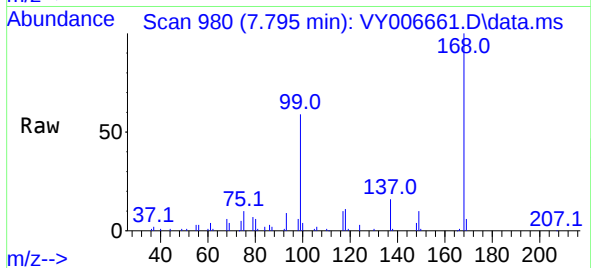
Quant Time: Nov 06 20:41:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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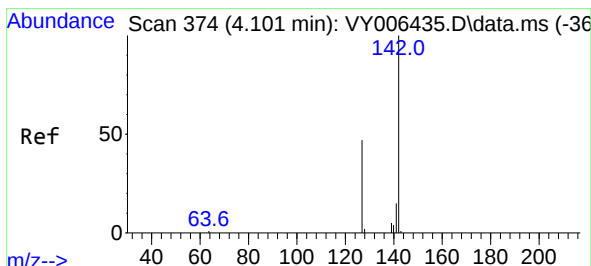
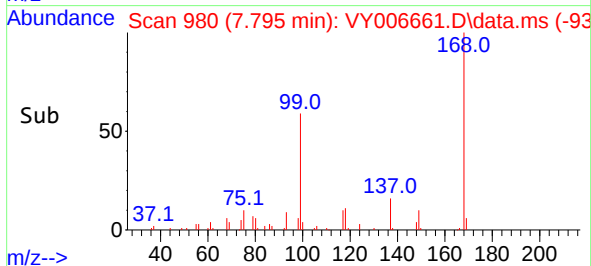
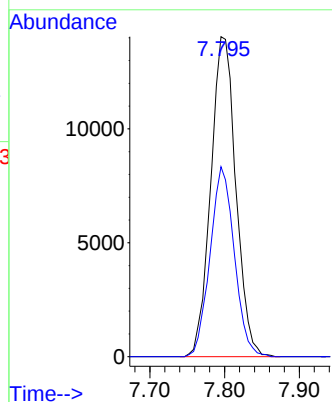


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

Instrument :
MSVOA_Y
ClientSampleId :

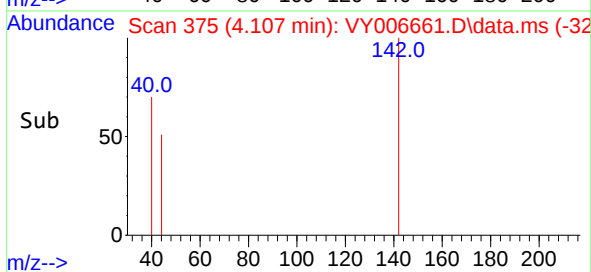
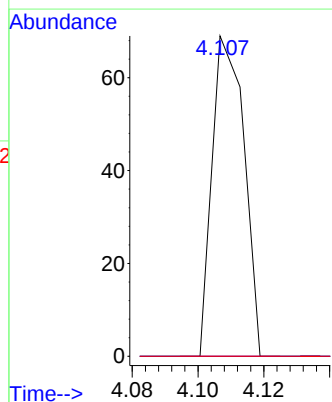
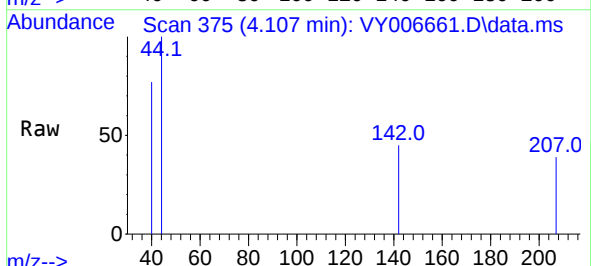


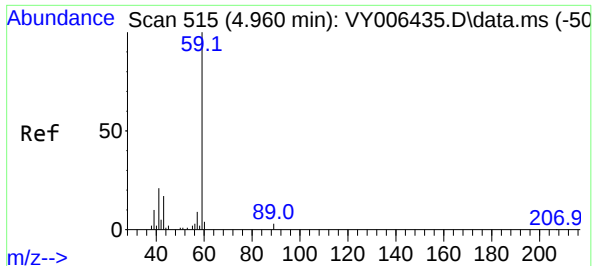
Tgt Ion:168 Resp: 32785
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2



#10
Methyl Iodide
Concen: 5.188 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

Tgt Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 1.228 ug/l

RT: 4.954 min Scan# 515

Delta R.T. -0.006 min

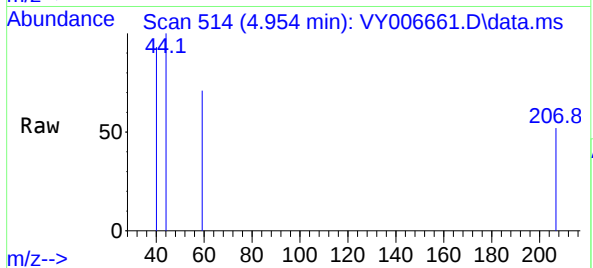
Lab File: VY006661.D

Acq: 05 Nov 2021 17:06

Instrument :

MSVOA_Y

ClientSampleId :

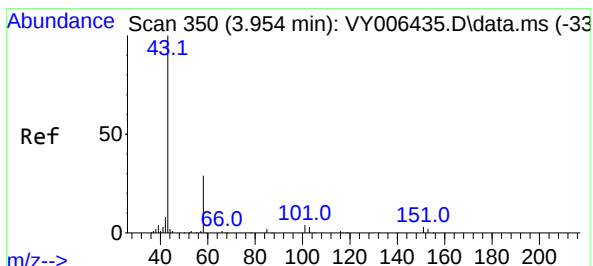
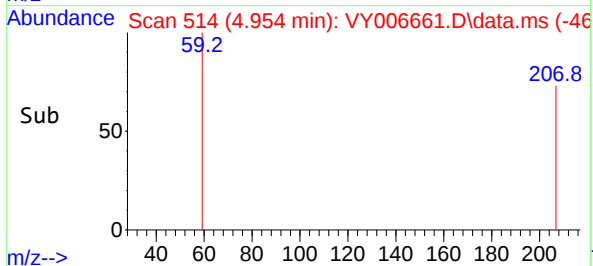
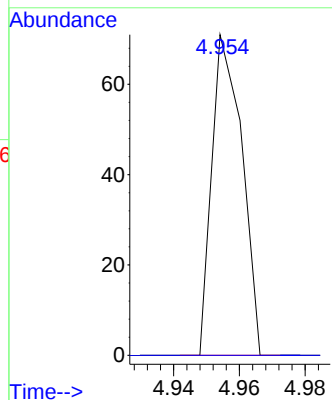


Tgt Ion: 59 Resp: 45

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 5.535 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY006661.D

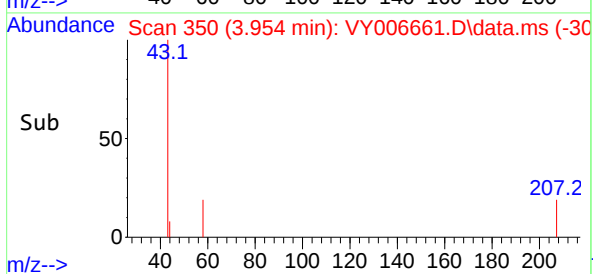
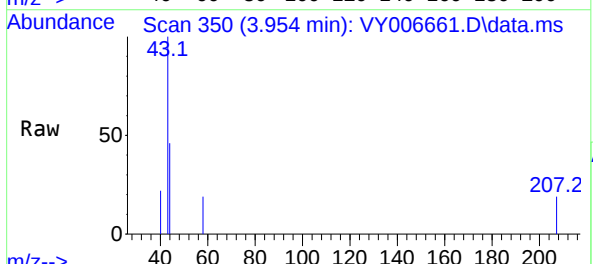
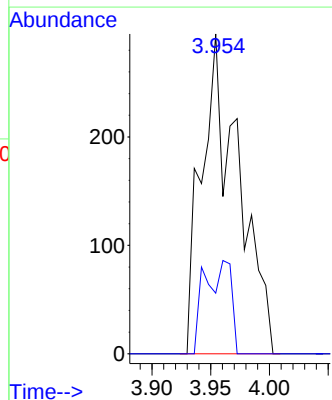
Acq: 05 Nov 2021 17:06

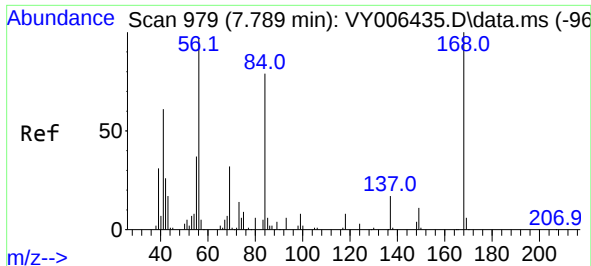
Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

43 100

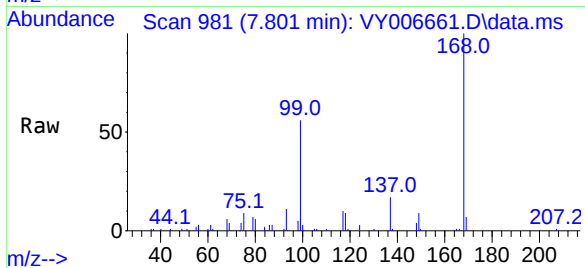
58 19.0 22.9 34.3#



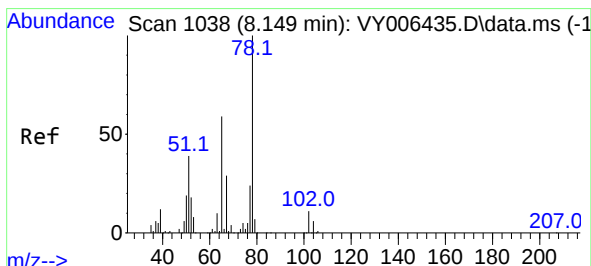
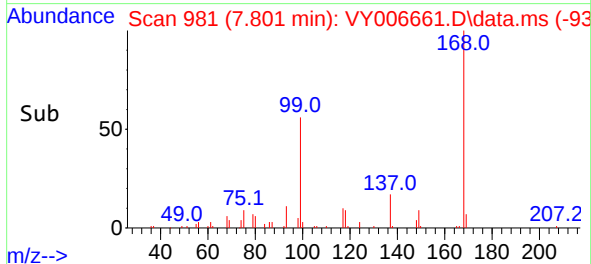
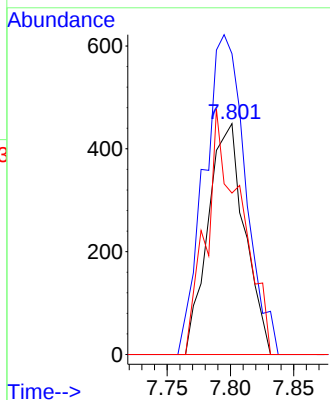


#31
Cyclohexane
Concen: 1.386 ug/l
RT: 7.801 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

Instrument :
MSVOA_Y
ClientSampleId :

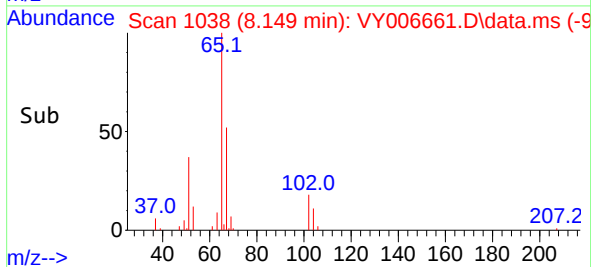
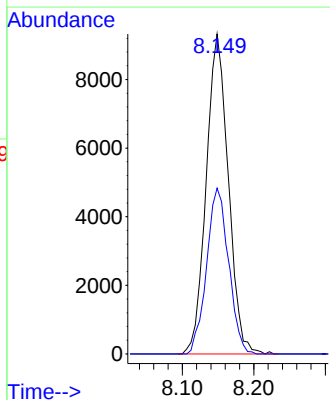
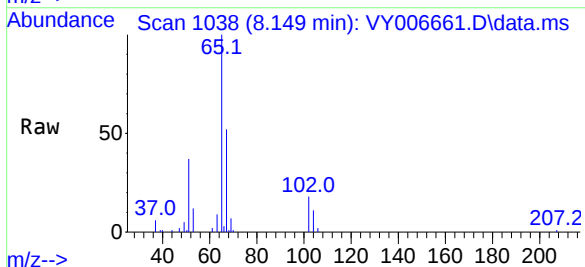


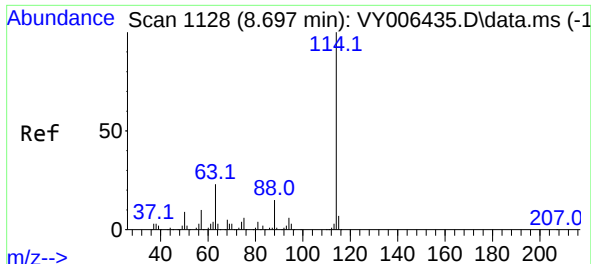
Tgt Ion: 56 Resp: 905
Ion Ratio Lower Upper
56 100
69 130.3 26.6 40.0#
84 69.9 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 49.576 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

Tgt Ion: 65 Resp: 20001
Ion Ratio Lower Upper
65 100
67 51.6 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: VY006661.D

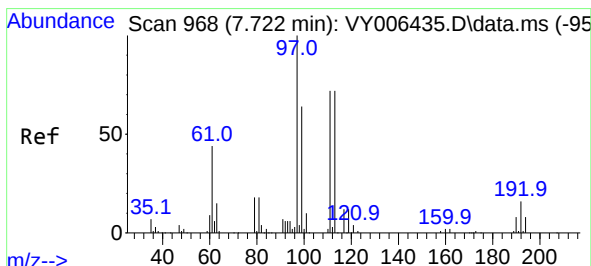
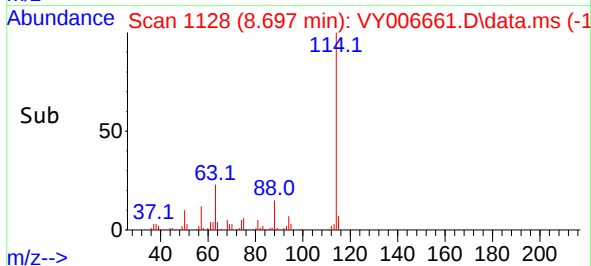
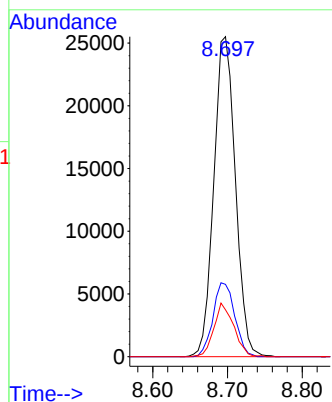
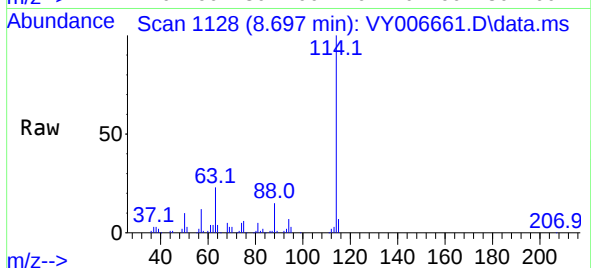
Acq: 05 Nov 2021 17:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	51313
Ion Ratio	Lower	Upper
114	100	
63	22.6	0.0 45.0
88	14.6	0.0 30.6



#35

Dibromofluoromethane

Concen: 54.548 ug/l

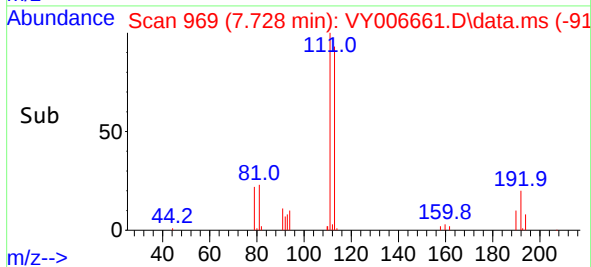
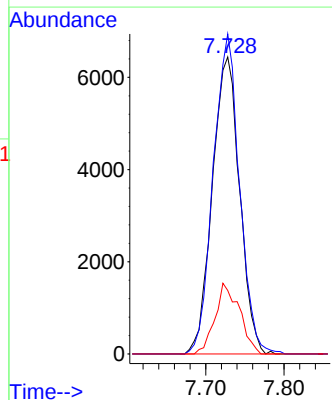
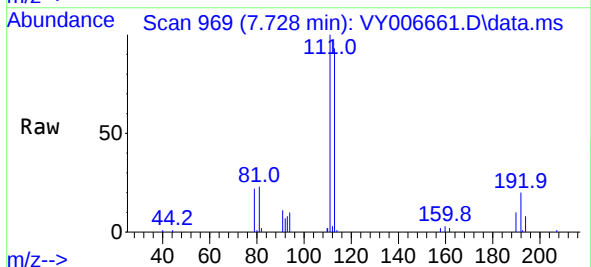
RT: 7.728 min Scan# 969

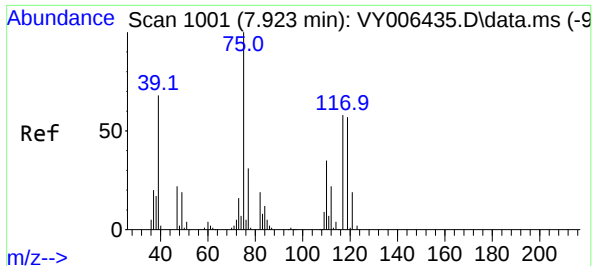
Delta R.T. 0.006 min

Lab File: VY006661.D

Acq: 05 Nov 2021 17:06

Tgt Ion:113	Resp:	15601
Ion Ratio	Lower	Upper
113	100	
111	103.6	82.3 123.5
192	21.4	17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.775 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY006661.D

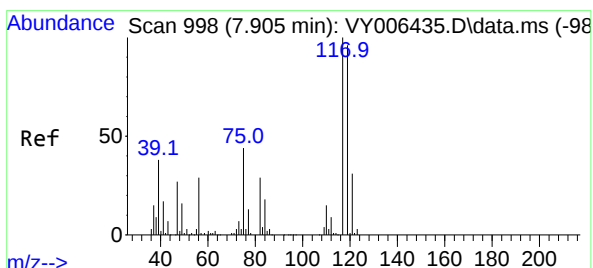
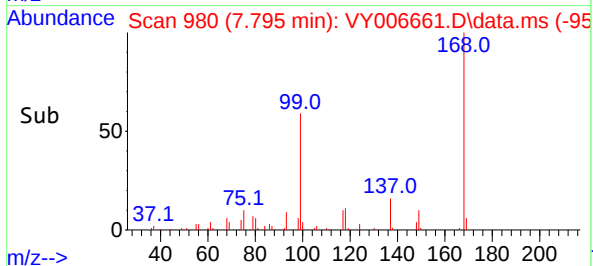
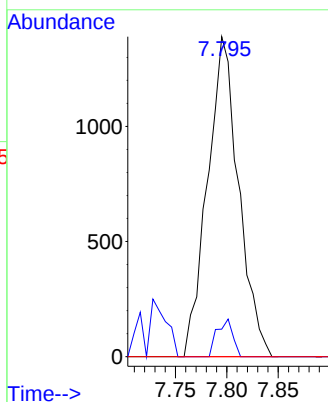
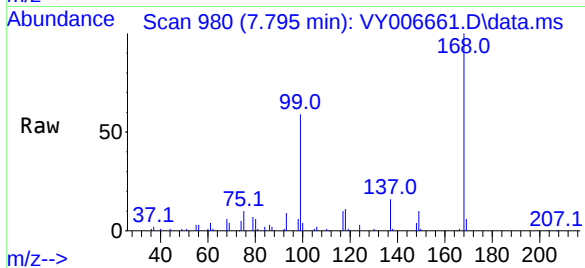
Acq: 05 Nov 2021 17:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	2928
Ion	Ratio	Lower	Upper
75	100		
110	5.9	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.938 ug/l

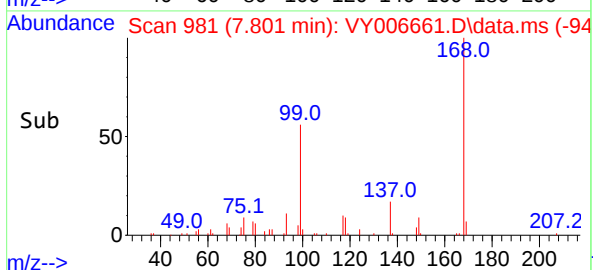
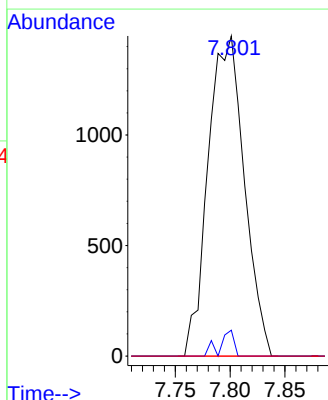
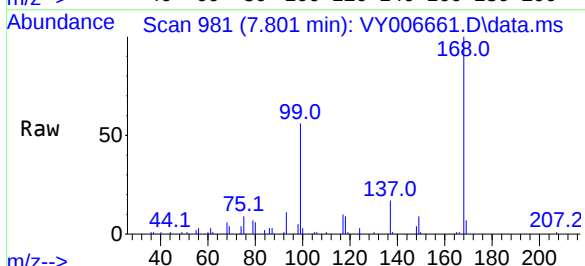
RT: 7.801 min Scan# 981

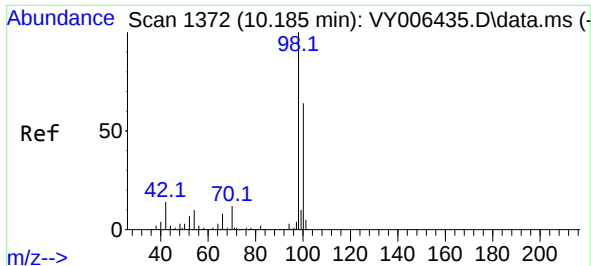
Delta R.T. -0.104 min

Lab File: VY006661.D

Acq: 05 Nov 2021 17:06

Tgt Ion:	117	Resp:	3321
Ion	Ratio	Lower	Upper
117	100		
119	8.1	76.6	115.0#
121	0.0	24.7	37.1#

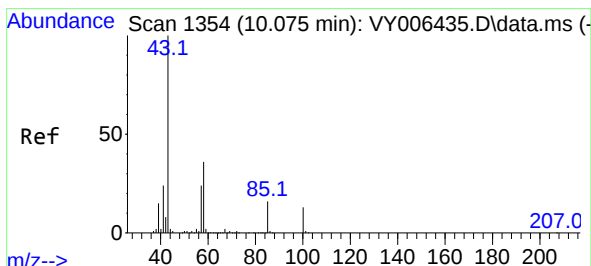
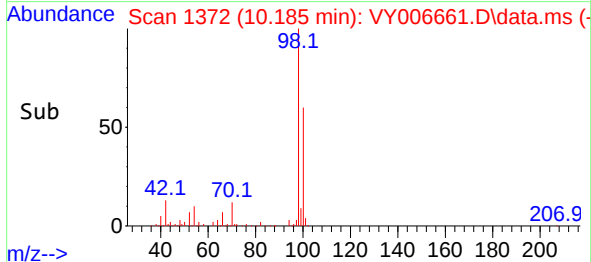
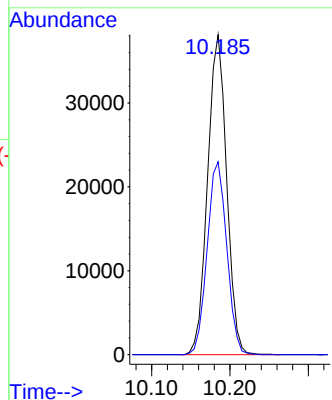
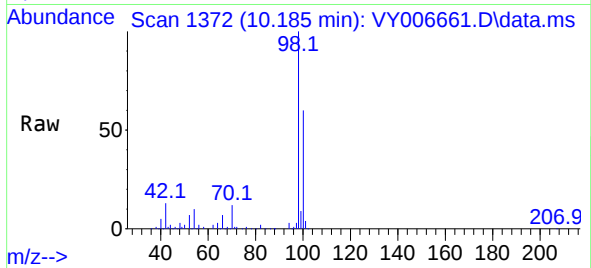




#50
Toluene-d8
Concen: 53.079 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

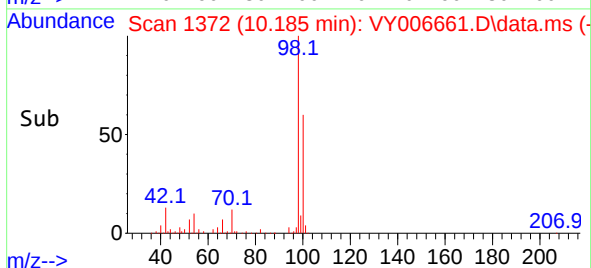
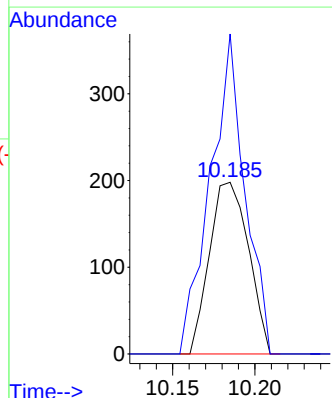
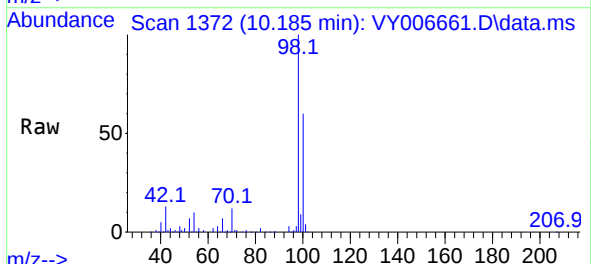
Instrument :
MSVOA_Y
ClientSampleId :

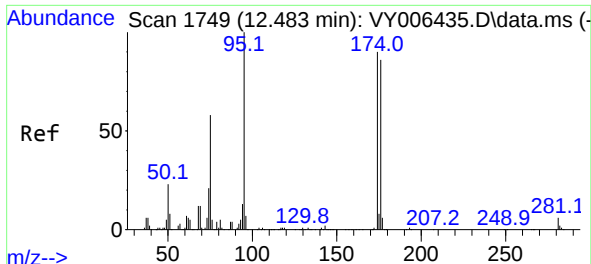
Tgt Ion: 98 Resp: 64354
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.005 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

Tgt Ion: 43 Resp: 328
Ion Ratio Lower Upper
43 100
58 164.9 28.7 43.1#

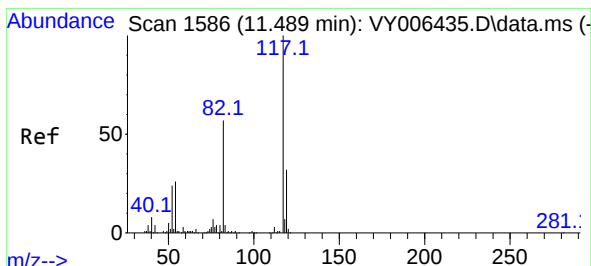
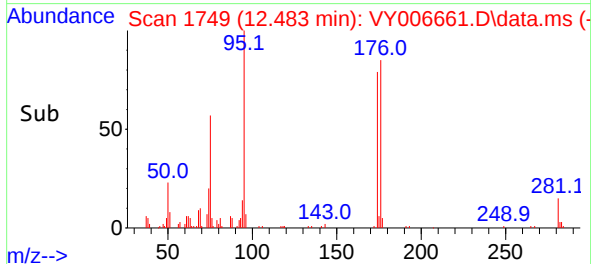
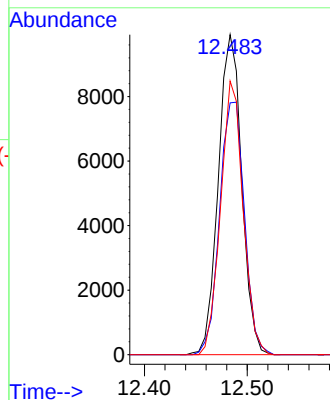
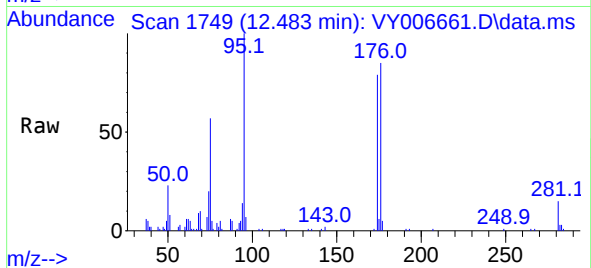




#62
4-Bromofluorobenzene
Concen: 38.314 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

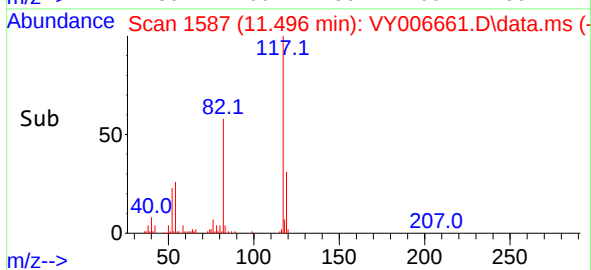
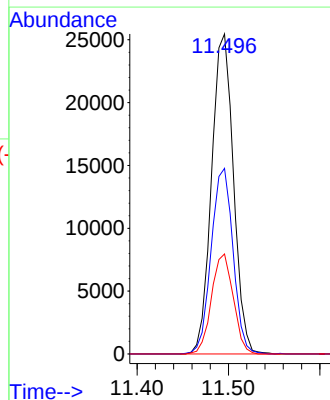
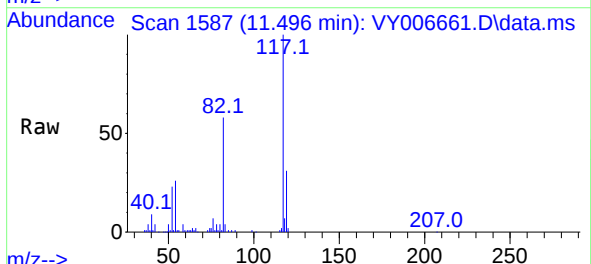
Instrument :
MSVOA_Y
ClientSampleId :

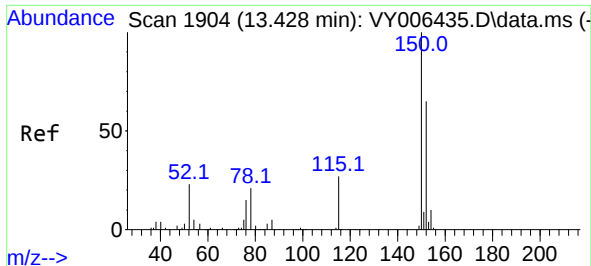
Tgt Ion: 95 Resp: 15648
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 82.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

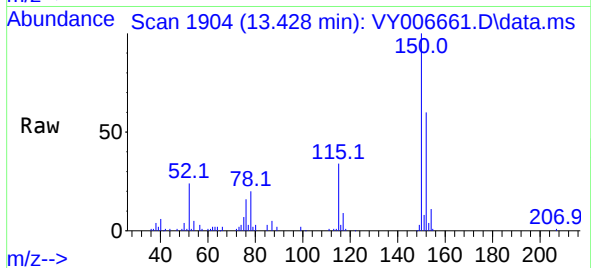
Tgt Ion: 117 Resp: 42346
Ion Ratio Lower Upper
117 100
82 58.0 45.7 68.5
119 31.3 25.5 38.3



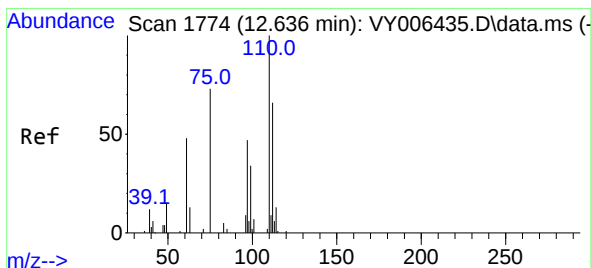
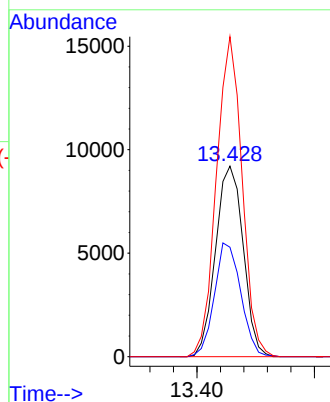
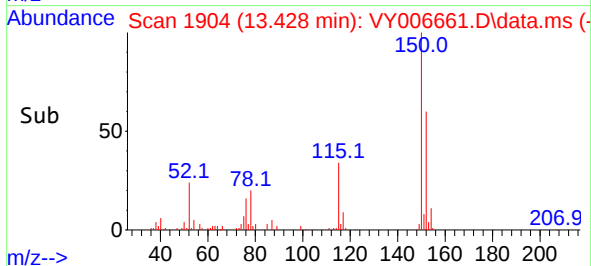


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

Instrument :
MSVOA_Y
ClientSampleId :

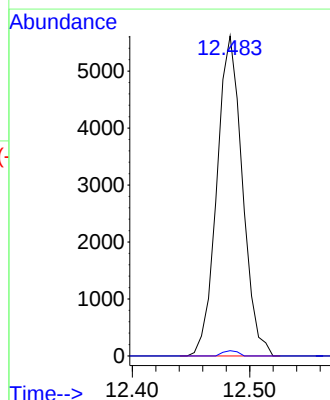
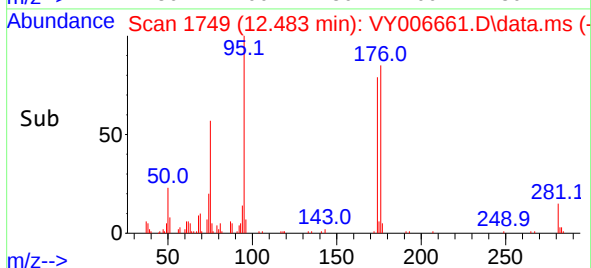
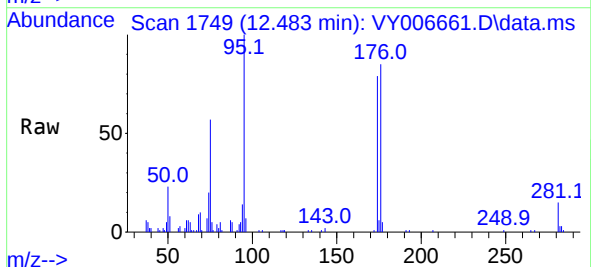


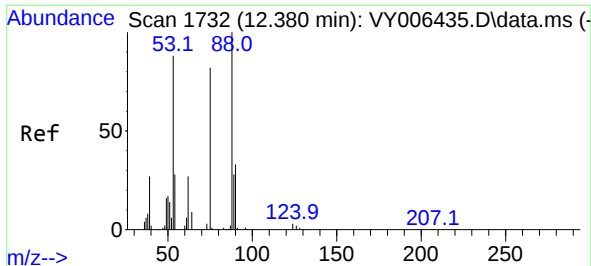
Tgt Ion:152 Resp: 15041
Ion Ratio Lower Upper
152 100
115 57.2 28.5 85.5
150 156.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 54.867 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

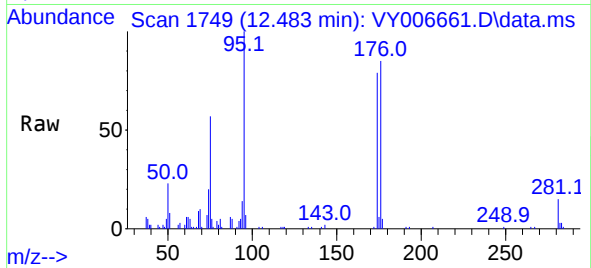
Tgt Ion: 75 Resp: 8504
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 112.639 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006661.D
Acq: 05 Nov 2021 17:06

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 8504
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

