

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005351.D
 Acq On : 02 Jul 2021 19:01
 Operator : SY/MD
 Sample : M2934-02
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jul 05 01:08:01 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	7.801	168	33309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	47751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	41134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14843	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12078	43.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.380%
35) Dibromofluoromethane	7.728	113	14484	51.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.860%
50) Toluene-d8	10.185	98	55647	49.411	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.483	95	12771	34.031	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.060%

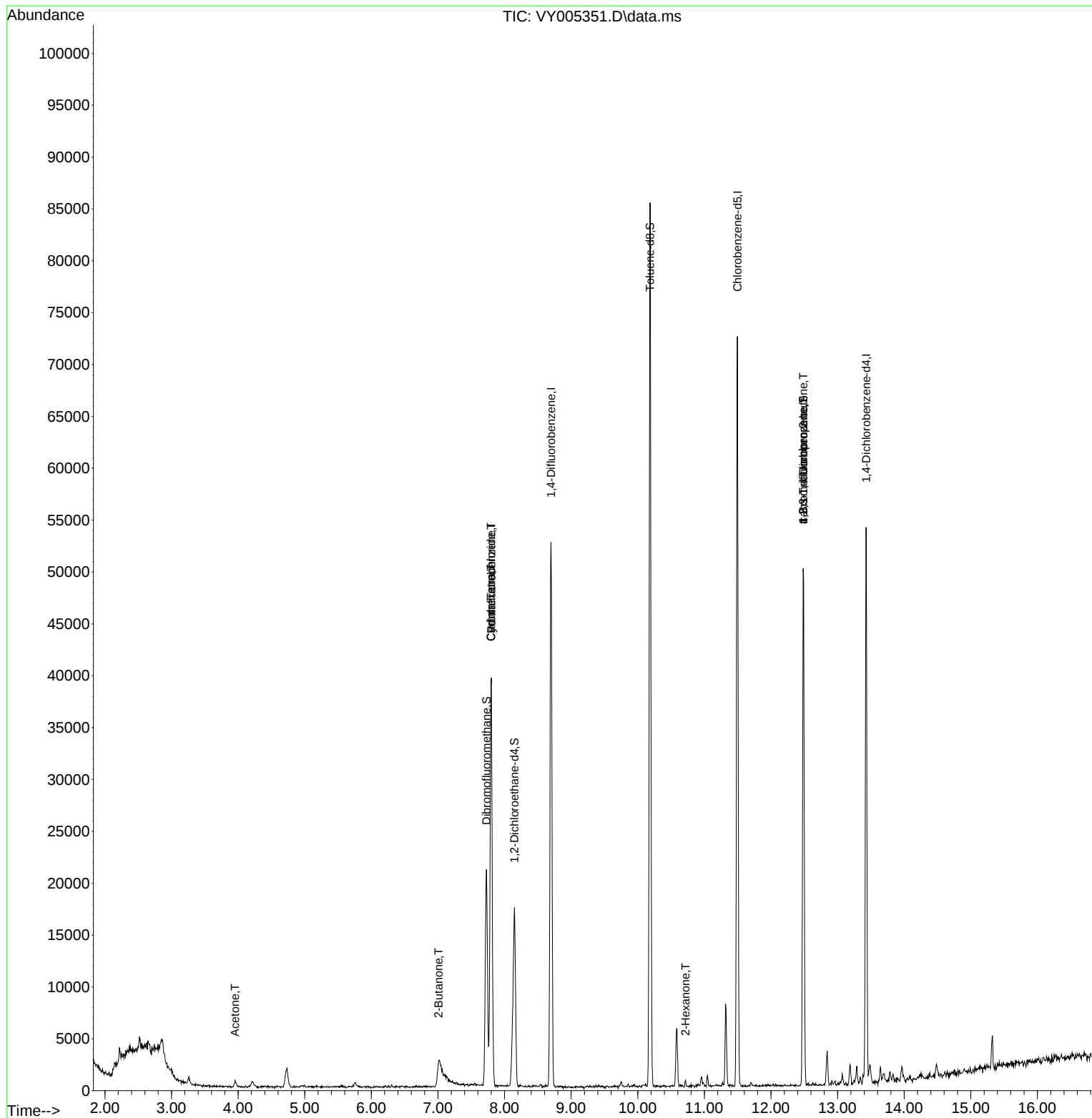
Target Compounds					Qvalue
11) Tert butyl alcohol	4.954	59	222	Below Cal	# 77
16) Acetone	3.954	43	919	14.392	ug/l # 79
20) Methylene Chloride	4.735	84	1343	Below Cal	# 86
25) 2-Butanone	7.009	43	136	1.461	ug/l # 43
31) Cyclohexane	7.795	56	628	1.273	ug/l # 19
38) Carbon Tetrachloride	7.795	117	2856	6.489	ug/l # 18
59) 2-Hexanone	10.715	43	217	1.512	ug/l # 20
76) 1,2,3-Trichloropropane	12.483	75	6574	49.939	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.483	75	6574	93.175	ug/l # 17

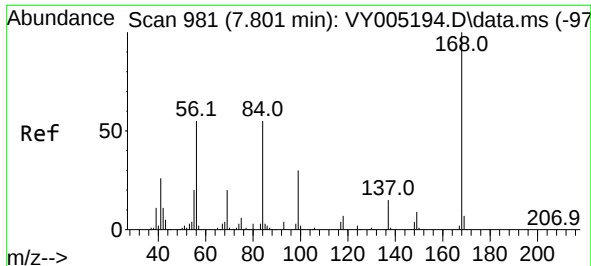
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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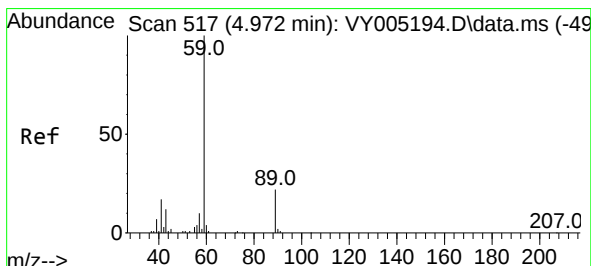
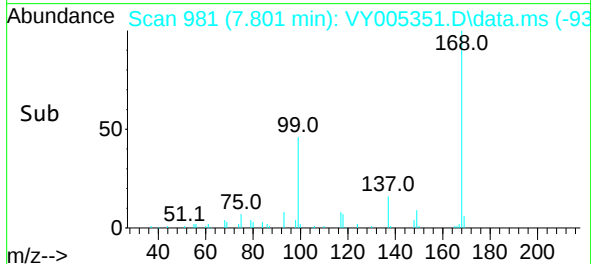
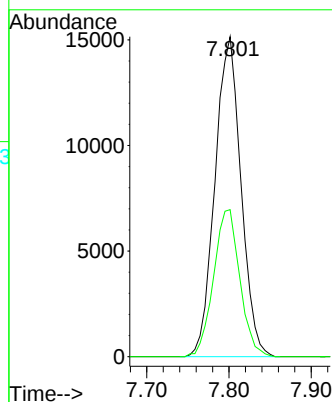
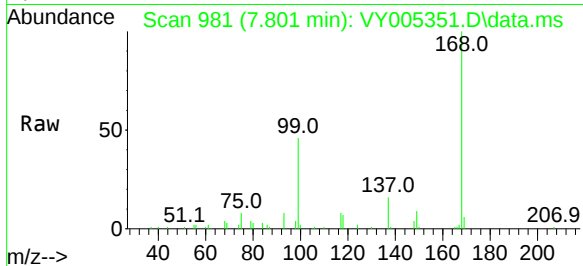




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

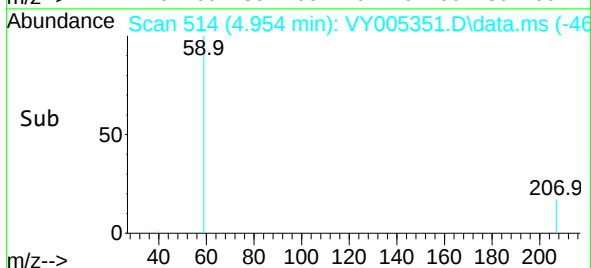
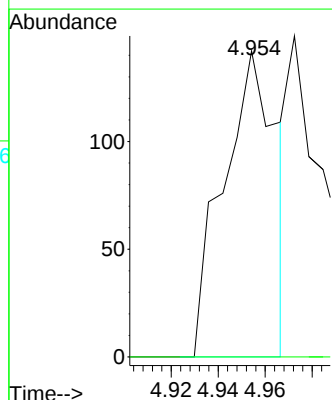
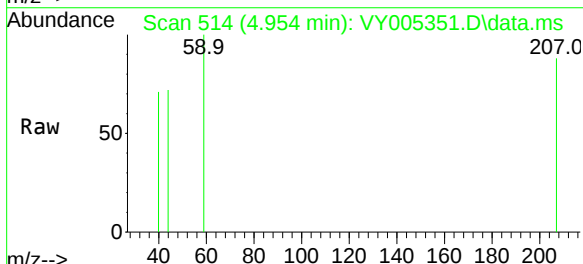
Instrument :
MSVOA_Y
ClientSampleId :
VOC

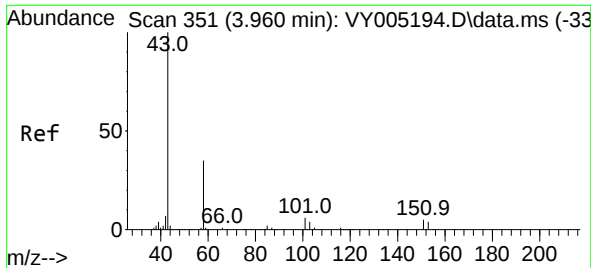
Tgt Ion:168 Resp: 33309
Ion Ratio Lower Upper
168 100
99 46.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

Tgt Ion: 59 Resp: 222
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

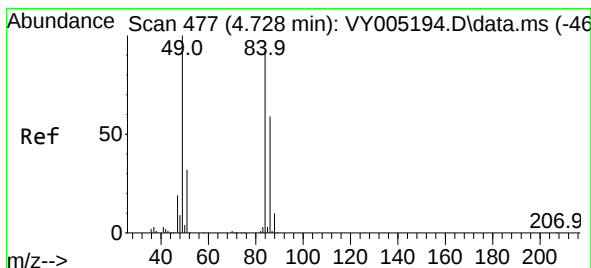
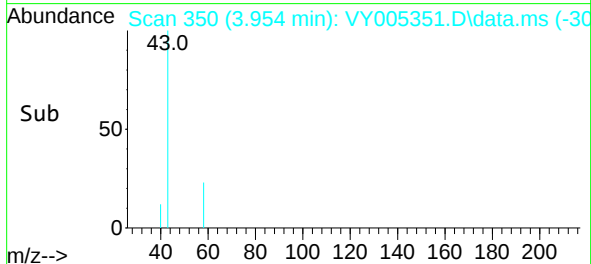
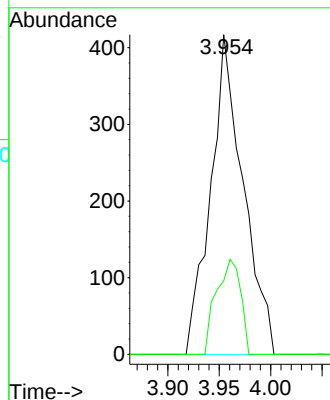
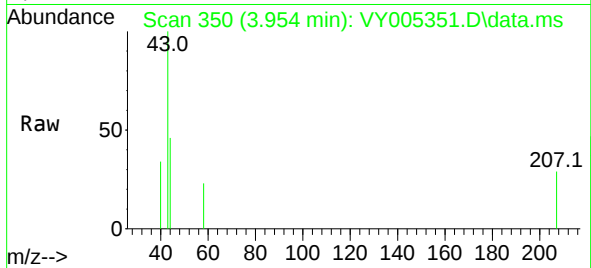




#16
Acetone
Concen: 14.392 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

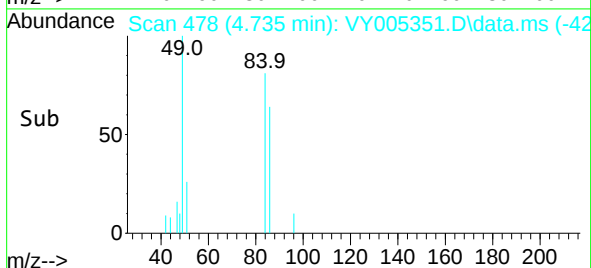
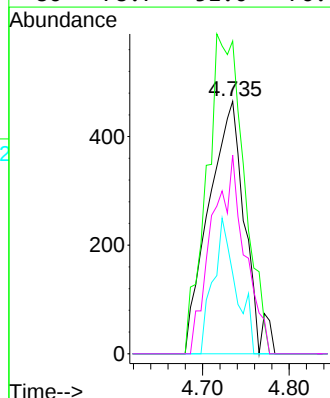
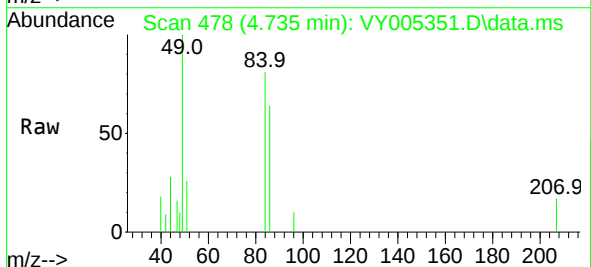
Instrument :
MSVOA_Y
ClientSampleId :
VOC

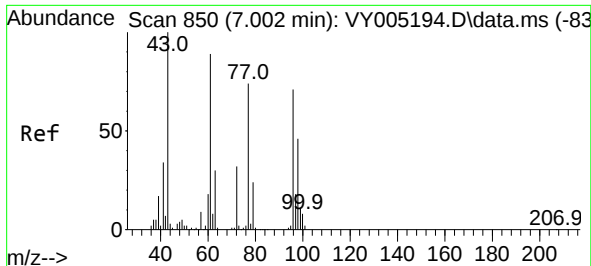
Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
58 23.0 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

Tgt Ion: 84 Resp: 1343
Ion Ratio Lower Upper
84 100
49 123.9 86.9 130.3
51 31.8 27.4 41.2
86 78.7 51.0 76.6#

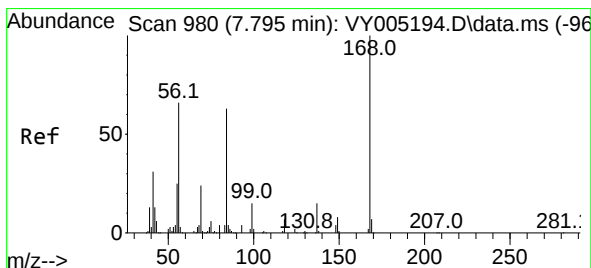
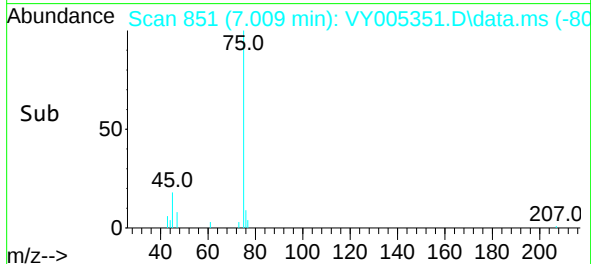
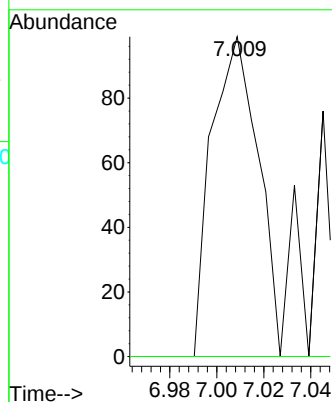
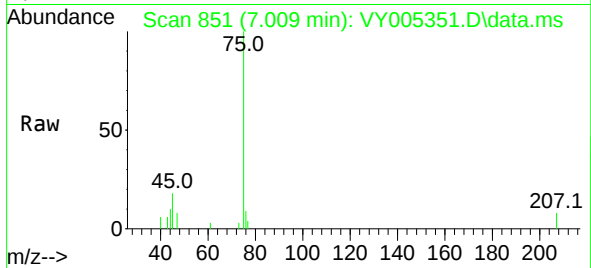




#25
2-Butanone
Concen: 1.461 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

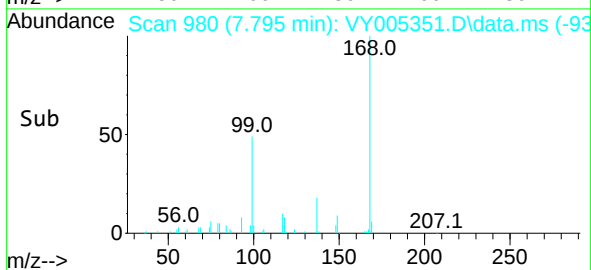
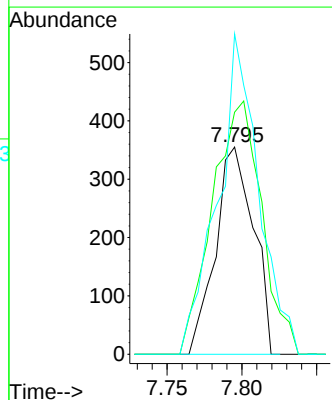
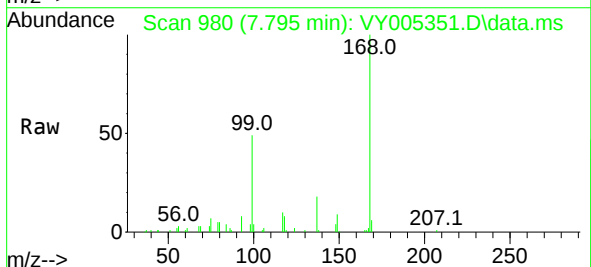
Instrument :
MSVOA_Y
ClientSampleId :
VOC

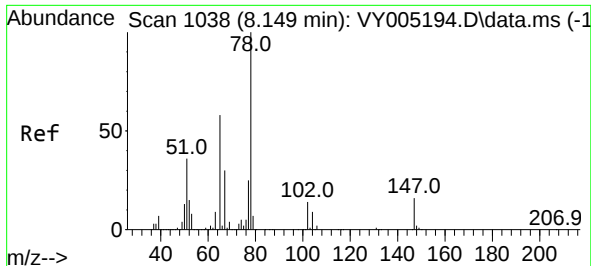
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

Tgt Ion: 56 Resp: 628
Ion Ratio Lower Upper
56 100
69 116.9 29.6 44.4#
84 154.6 76.4 114.6#

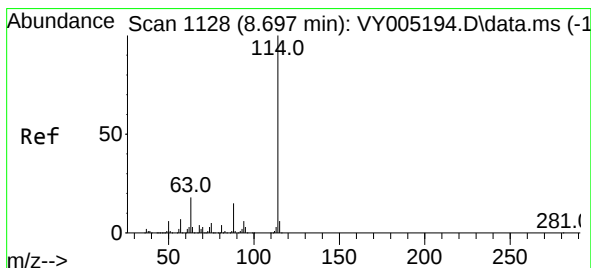
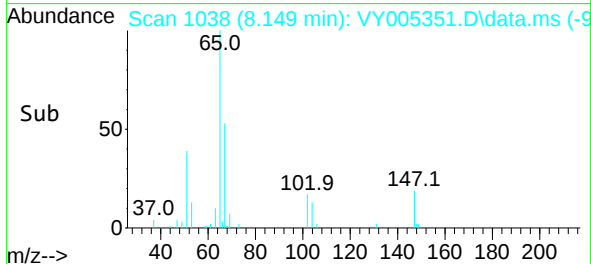
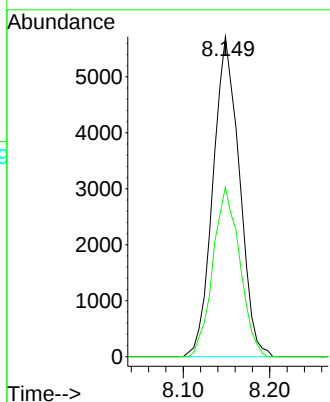
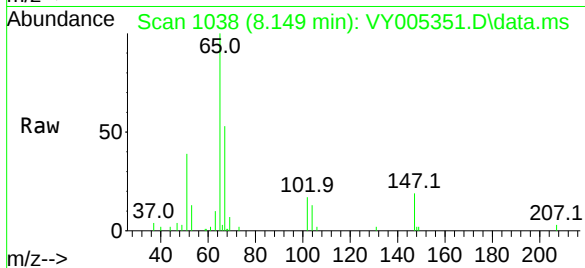




#33
 1,2-Dichloroethane-d4
 Concen: 43.695 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005351.D
 Acq: 02 Jul 2021 19:01

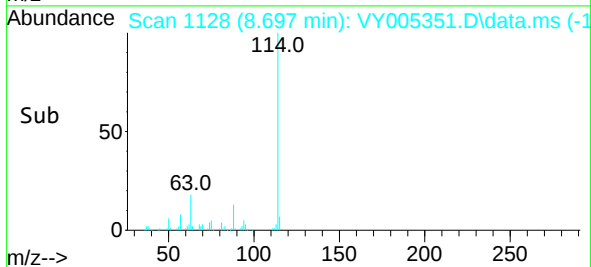
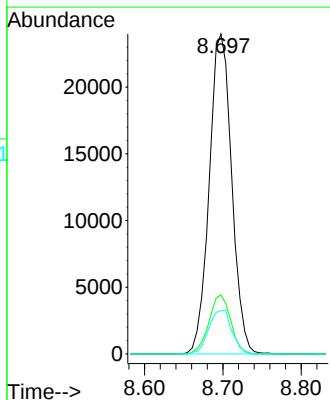
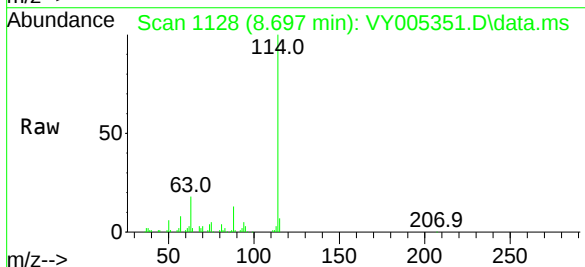
Instrument :
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 ClientSampleId :
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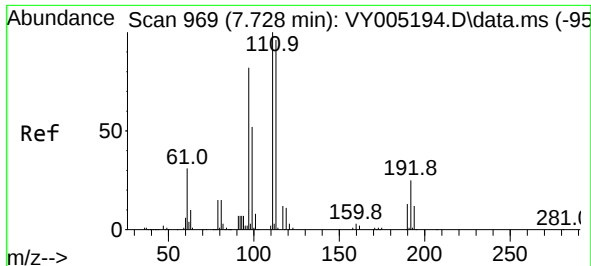
Tgt Ion: 65 Resp: 12078
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005351.D
 Acq: 02 Jul 2021 19:01

Tgt Ion: 114 Resp: 47751
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.2
 88 13.5 0.0 29.4

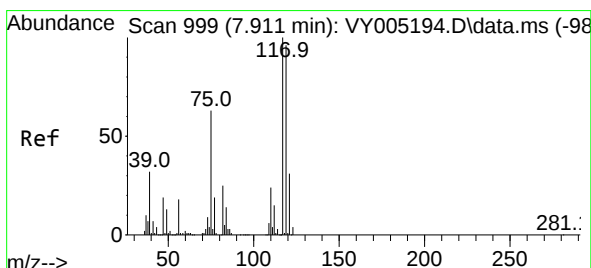
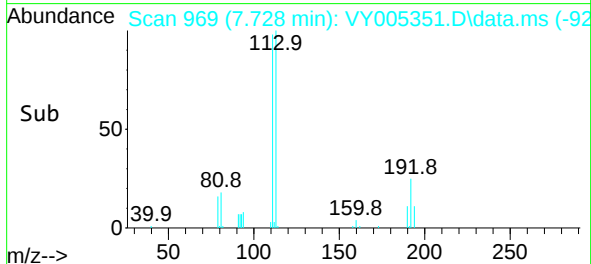
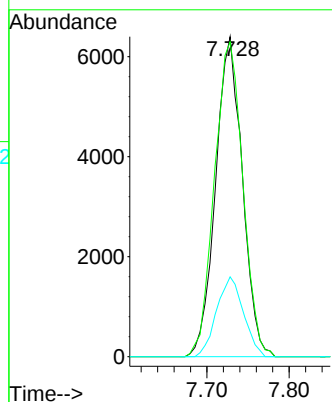
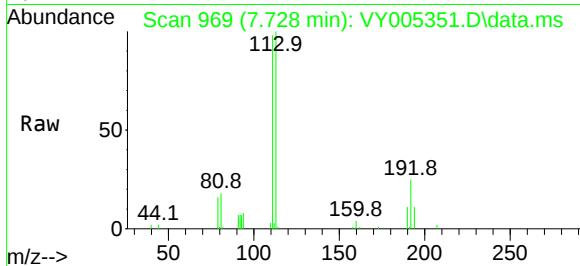




#35
Dibromofluoromethane
Concen: 51.432 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

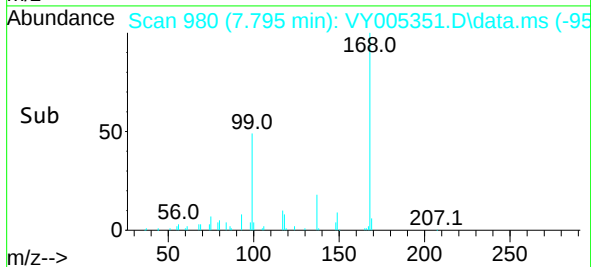
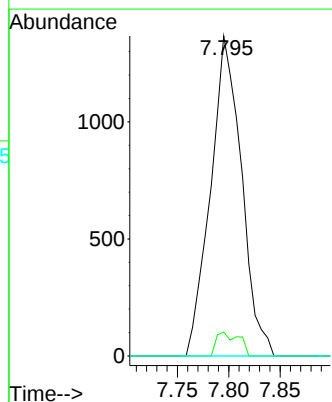
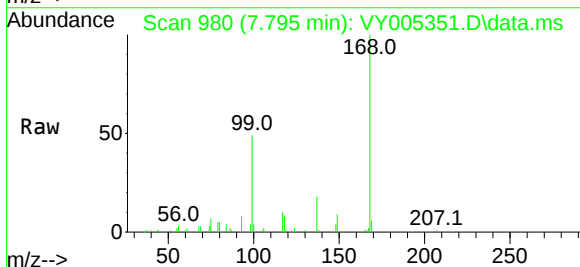
Instrument :
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ClientSampleId :
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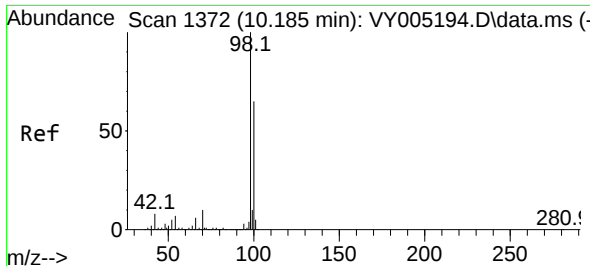
Tgt Ion:113 Resp: 14484
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 25.0 20.2 30.2



#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

Tgt Ion:117 Resp: 2856
Ion Ratio Lower Upper
117 100
119 7.5 76.2 114.4#
121 0.0 24.7 37.1#

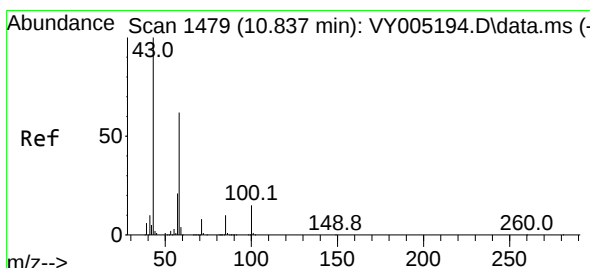
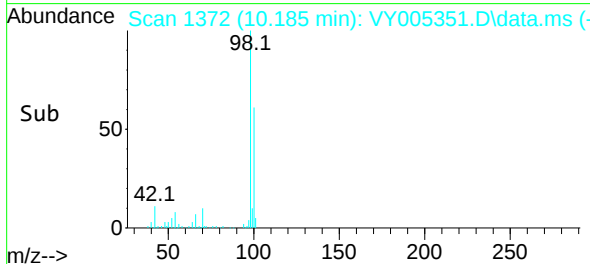
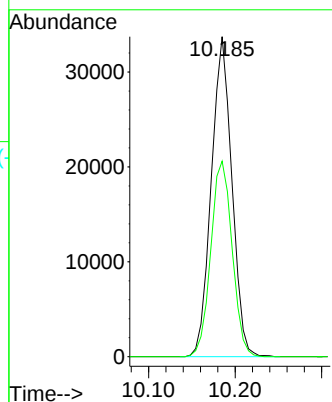
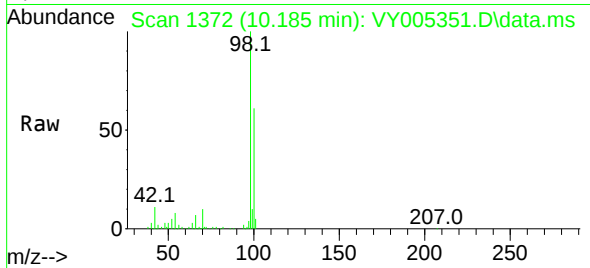




#50
Toluene-d8
Concen: 49.411 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

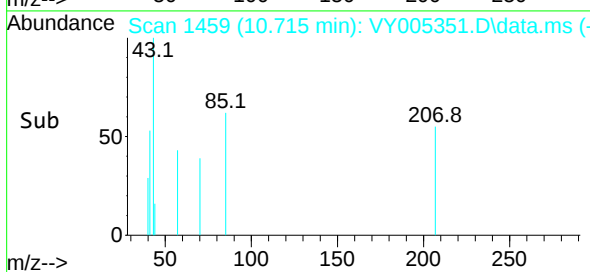
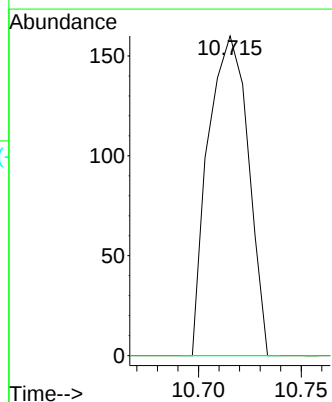
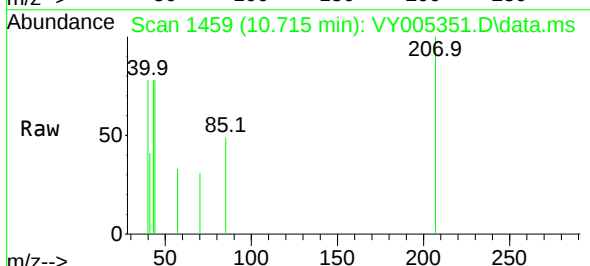
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ClientSampled :
VOC

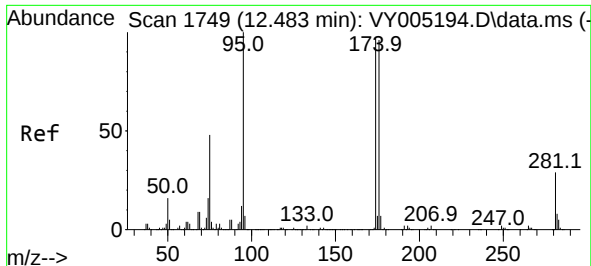
Tgt Ion: 98 Resp: 55647
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#59
2-Hexanone
Concen: 1.512 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 0.0 30.8 92.4#

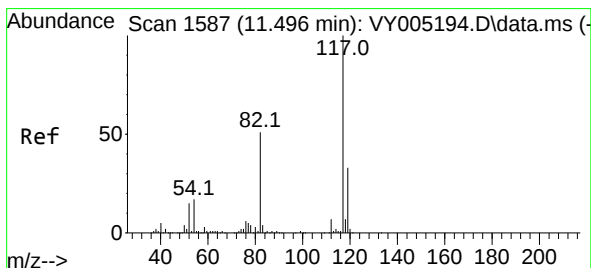
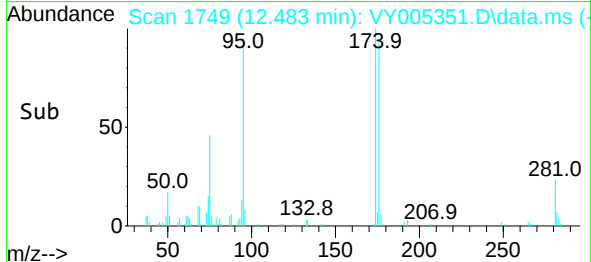
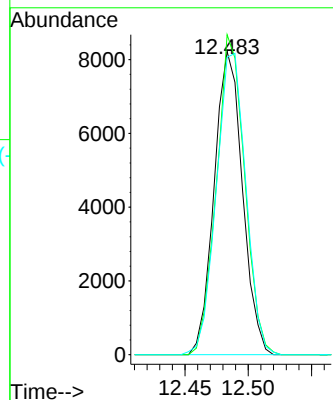
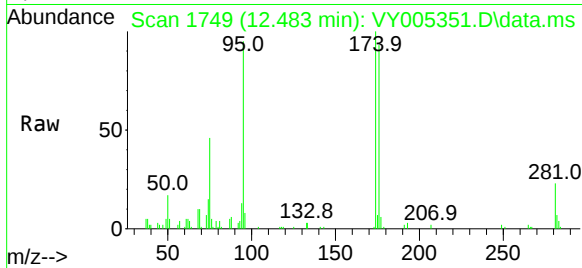




#62
4-Bromofluorobenzene
Concen: 34.031 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

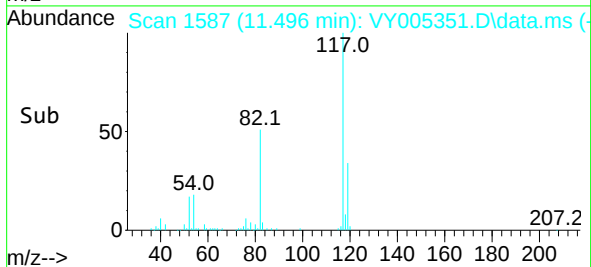
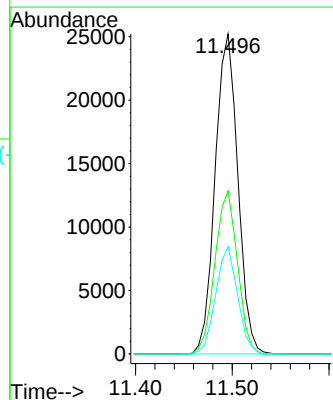
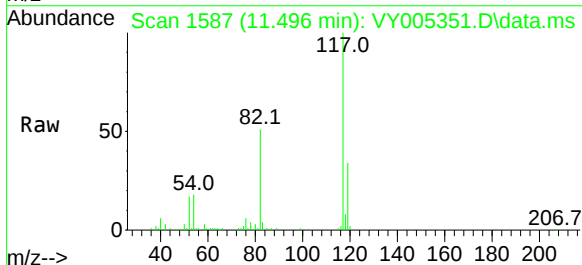
Instrument :
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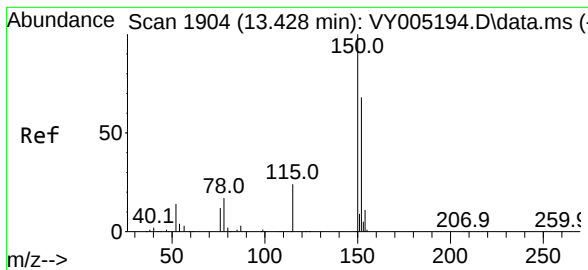
Tgt Ion:	95	Resp:	12771
Ion	Ratio	Lower	Upper
95	100		
174	104.9	0.0	201.6
176	103.7	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

Tgt Ion:	117	Resp:	41134
Ion	Ratio	Lower	Upper
117	100		
82	51.0	40.6	60.8
119	33.6	26.1	39.1

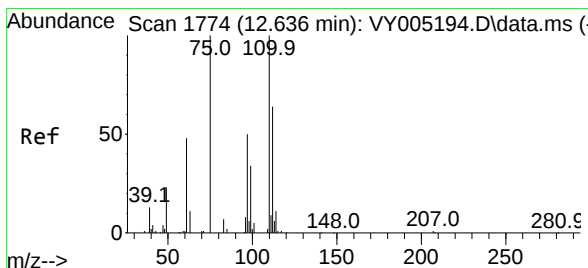
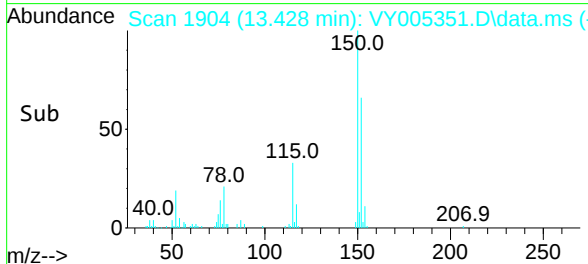
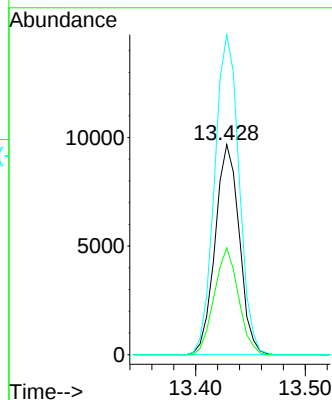
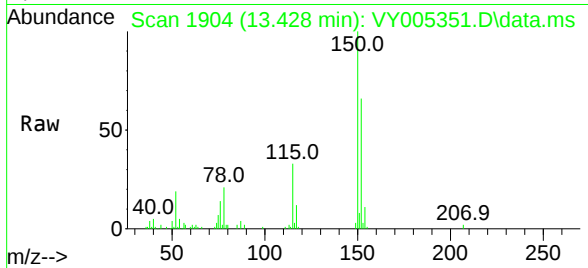




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005351.D
 Acq: 02 Jul 2021 19:01

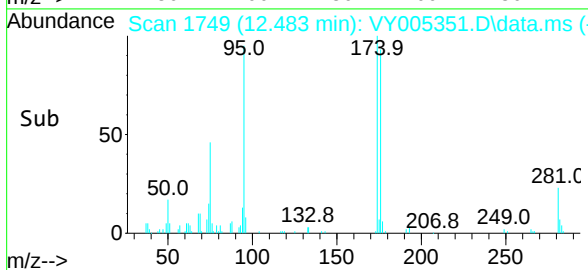
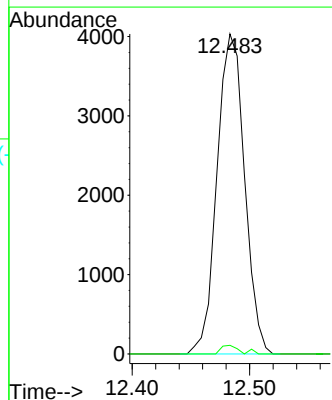
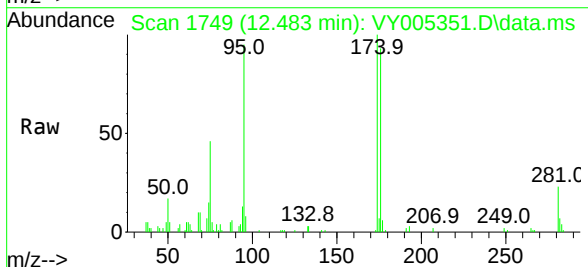
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

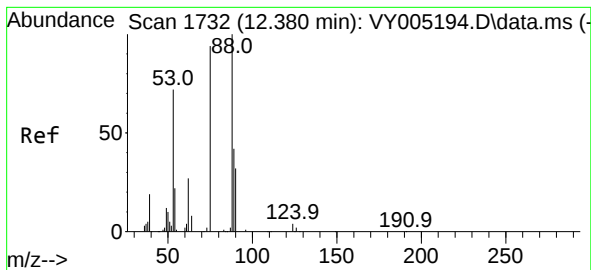
Tgt Ion:152 Resp: 14843
 Ion Ratio Lower Upper
 152 100
 115 50.6 26.3 78.8
 150 154.1 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 49.939 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005351.D
 Acq: 02 Jul 2021 19:01

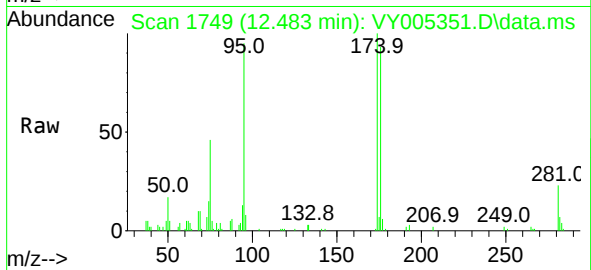
Tgt Ion: 75 Resp: 6574
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.175 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005351.D
Acq: 02 Jul 2021 19:01

Instrument :
MSVOA_Y
ClientSampleId :
VOC



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	38.0	57.0#

