

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005371.D
 Acq On : 07 Jul 2021 17:41
 Operator : SY/MD
 Sample : M2947-03
 Misc : 7.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:06:20 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)

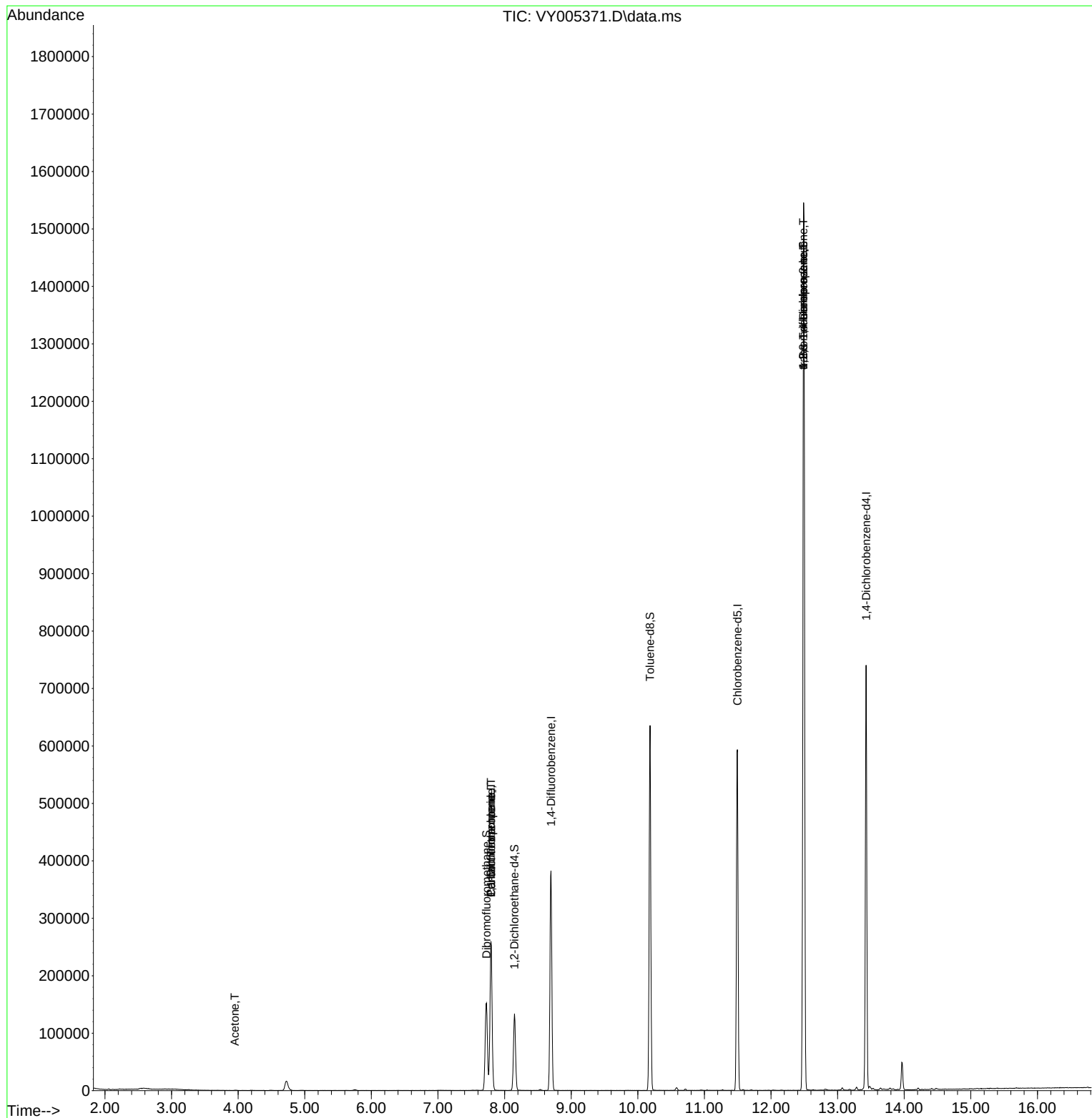
Internal Standards						
1) Pentafluorobenzene	7.795	168	238308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	374570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	380094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	212408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102275	51.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.440%	
35) Dibromofluoromethane	7.728	113	109062	49.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.740%	
50) Toluene-d8	10.185	98	443626	50.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.483	95	164609	55.917	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	559	Below Cal	#	77
16) Acetone	3.948	43	846	1.852	ug/l	93
20) Methylene Chloride	4.716	84	15361	Below Cal	#	82
36) 1,1-Dichloropropene	7.795	75	11662	3.536	ug/l	# 48
38) Carbon Tetrachloride	7.795	117	18572	5.379	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	78805	41.832	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	78805	78.050	ug/l	# 19

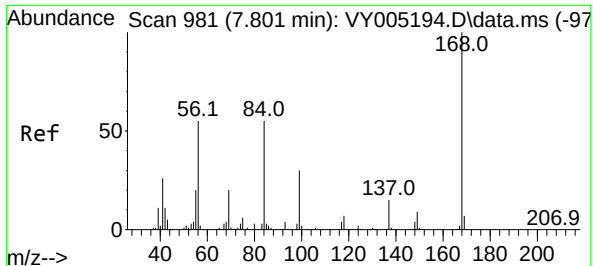
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 08 02:06:20 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

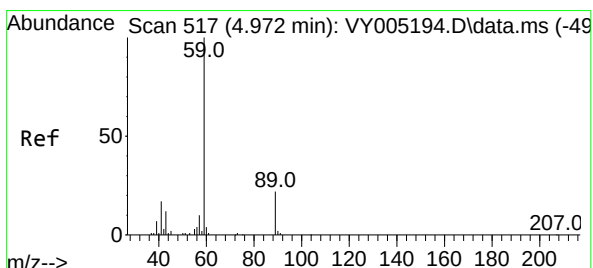
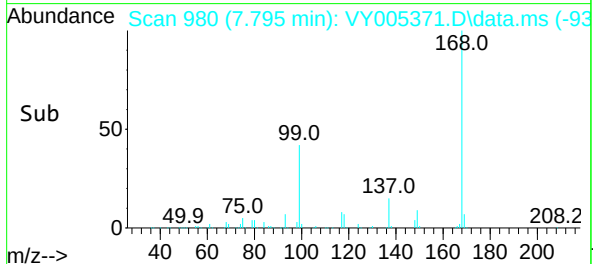
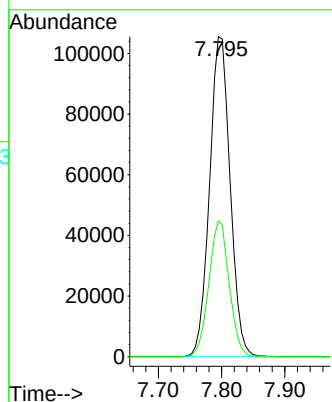
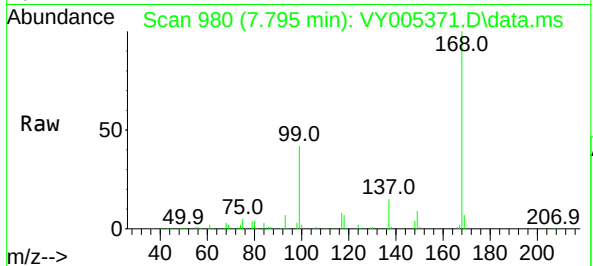




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

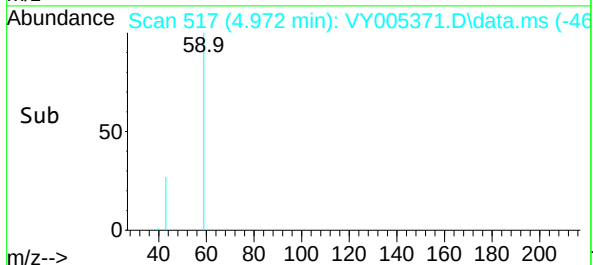
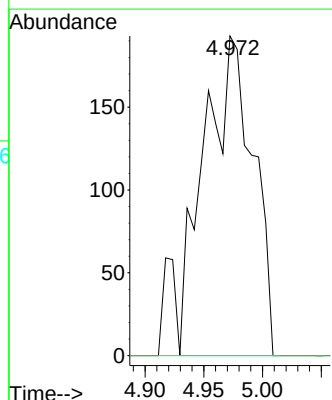
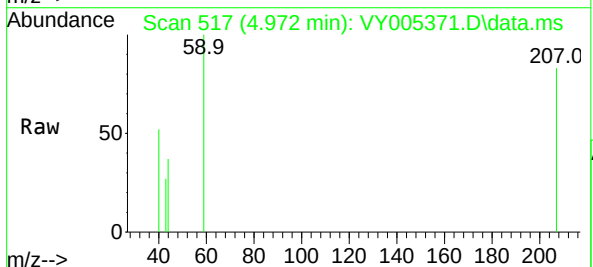
Instrument :
MSVOA_Y
ClientSampled :

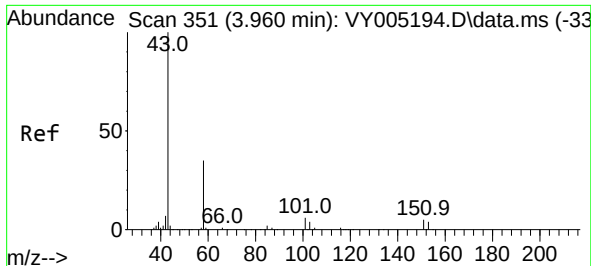
Tgt Ion:168 Resp: 238308
Ion Ratio Lower Upper
168 100
99 42.5 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

Tgt Ion: 59 Resp: 559
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

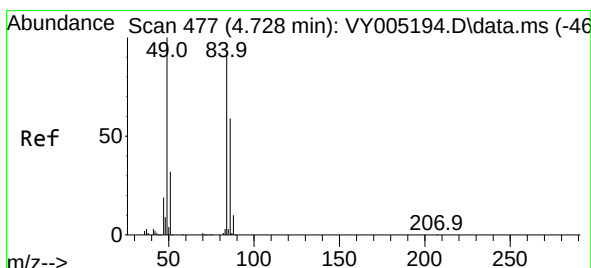
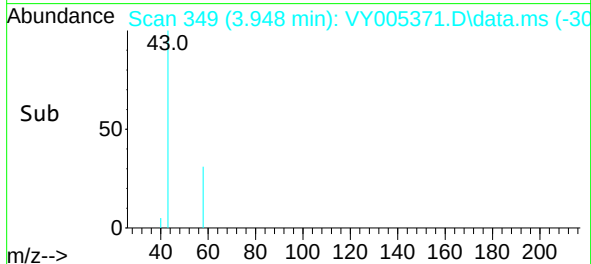
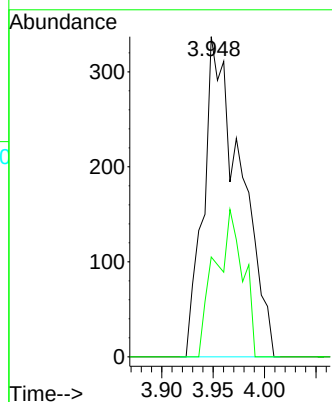
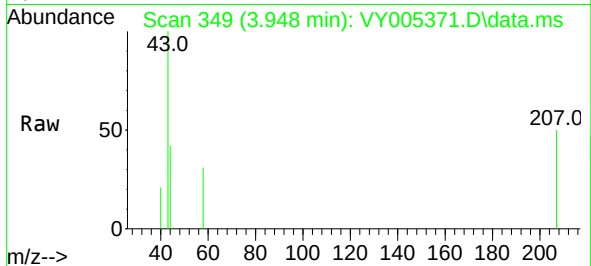




#16
Acetone
Concen: 1.852 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

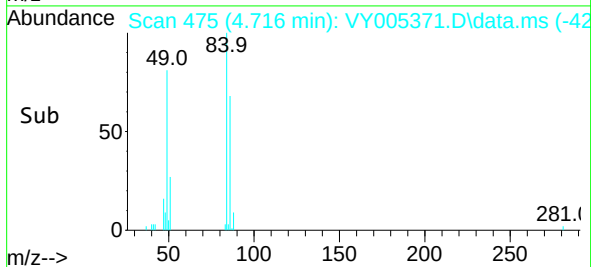
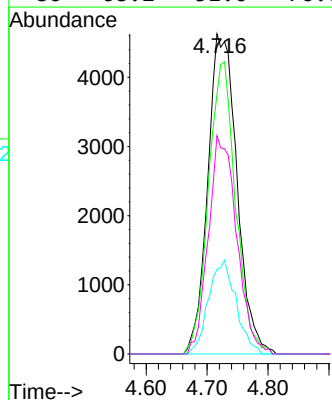
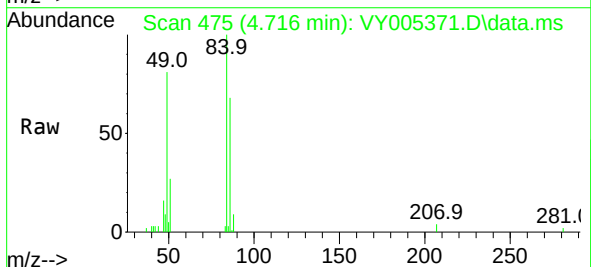
Instrument :
MSVOA_Y
ClientSampled :

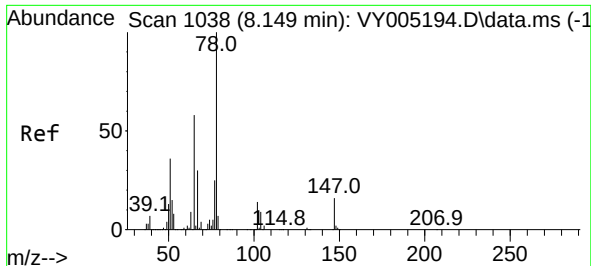
Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 31.2 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

Tgt Ion: 84 Resp: 15361
Ion Ratio Lower Upper
84 100
49 81.1 86.9 130.3#
51 26.5 27.4 41.2#
86 68.2 51.0 76.6

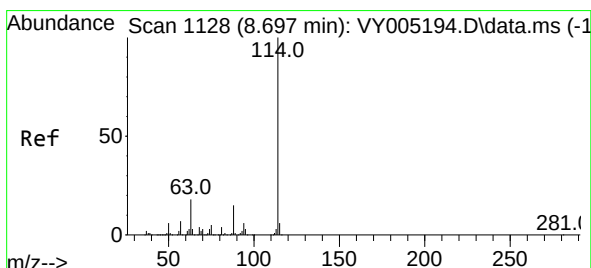
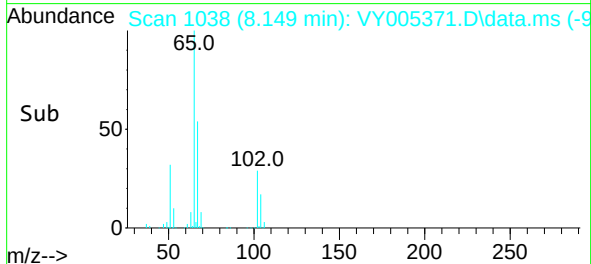
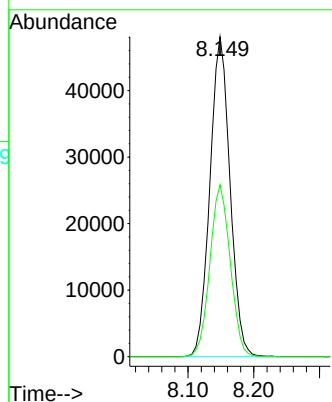
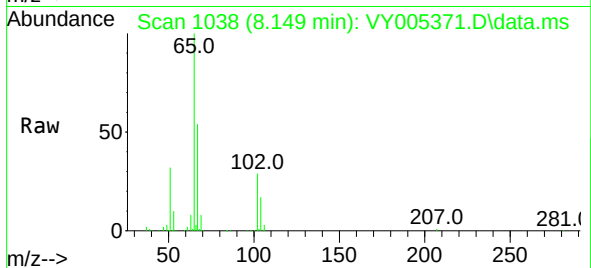




#33
1,2-Dichloroethane-d4
Concen: 51.716 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

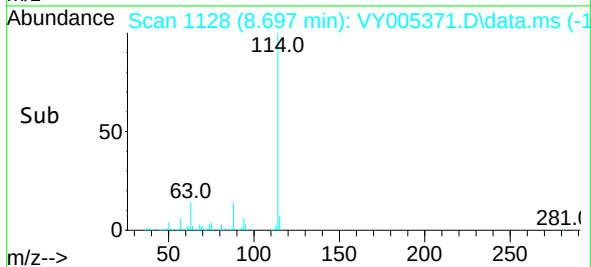
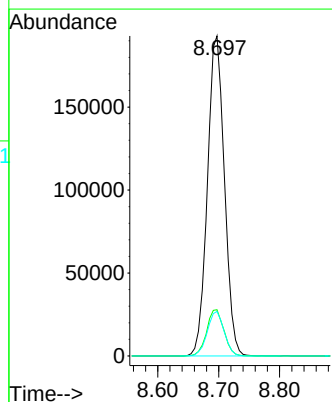
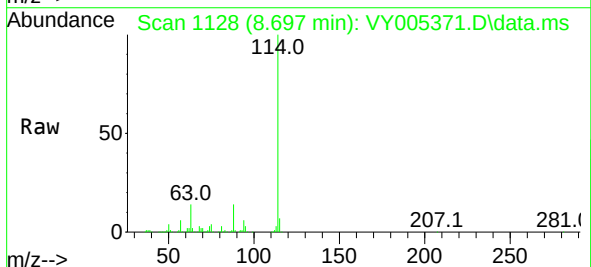
Instrument :
MSVOA_Y
ClientSampleId :

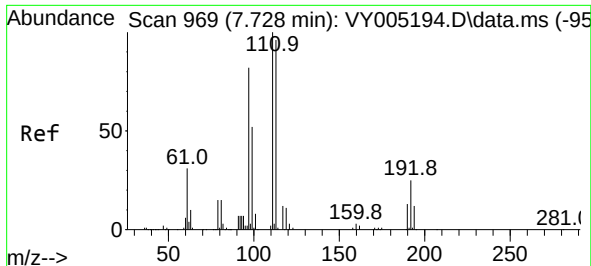
Tgt Ion: 65 Resp: 102275
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

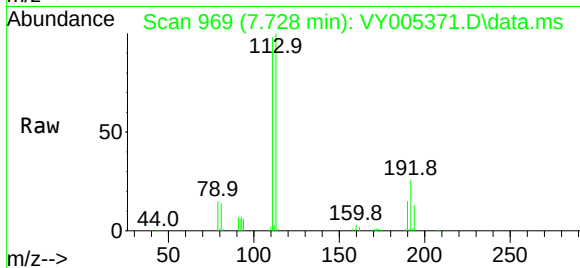
Tgt Ion:114 Resp: 374570
Ion Ratio Lower Upper
114 100
63 14.4 0.0 35.2
88 13.9 0.0 29.4



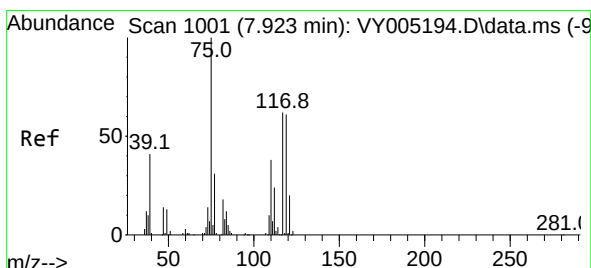
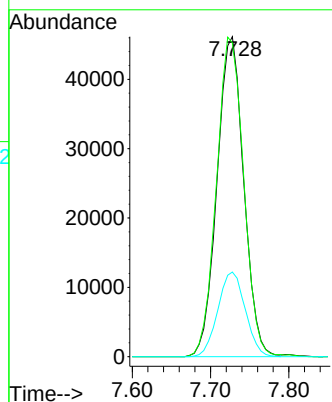
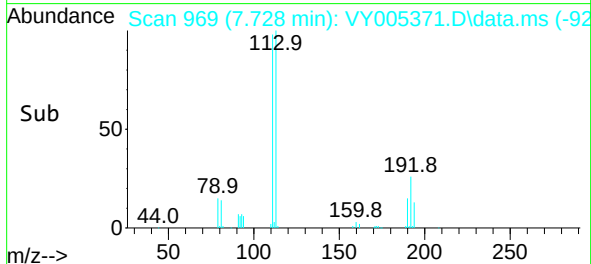


#35
Dibromofluoromethane
Concen: 49.371 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

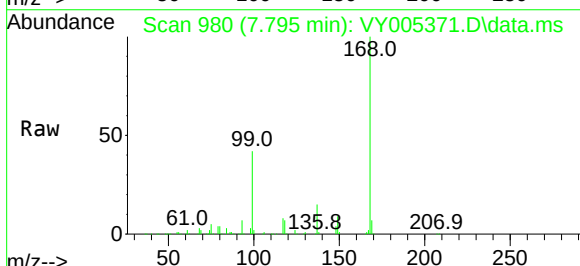
Instrument :
MSVOA_Y
ClientSampleId :



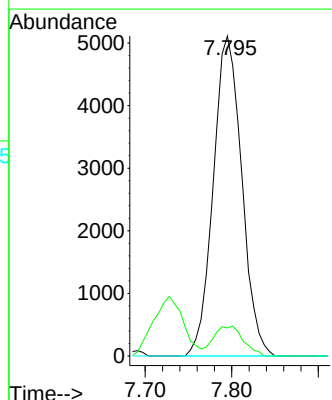
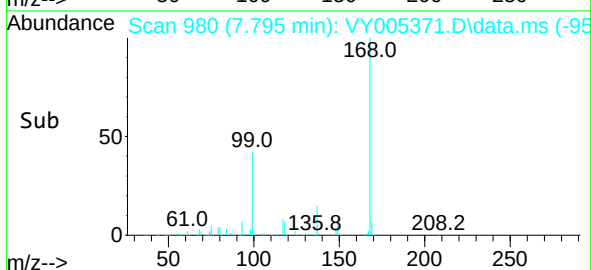
Tgt Ion:113 Resp: 109062
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 27.2 20.2 30.2

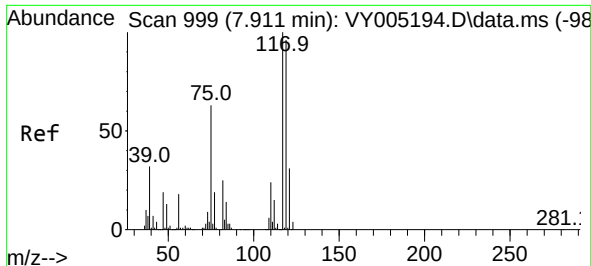


#36
1,1-Dichloropropene
Concen: 3.536 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41



Tgt Ion: 75 Resp: 11662
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.5#
77 0.0 25.2 37.8#

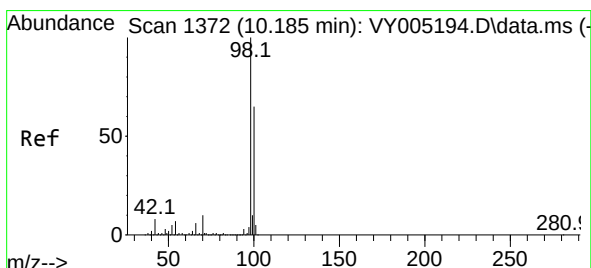
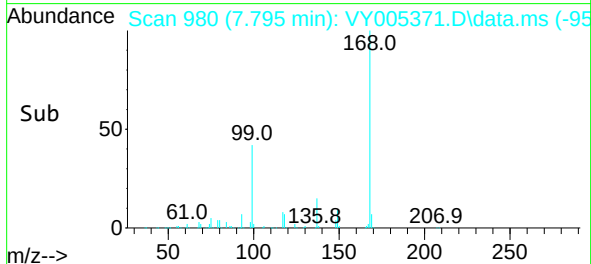
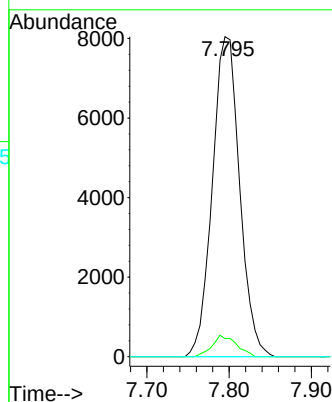
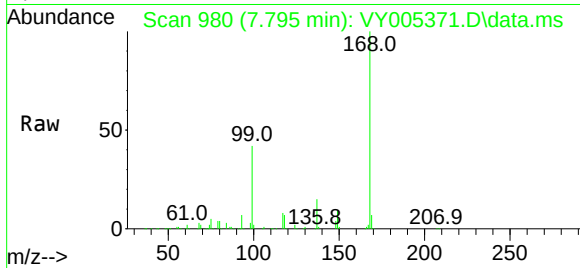




#38
Carbon Tetrachloride
Concen: 5.379 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

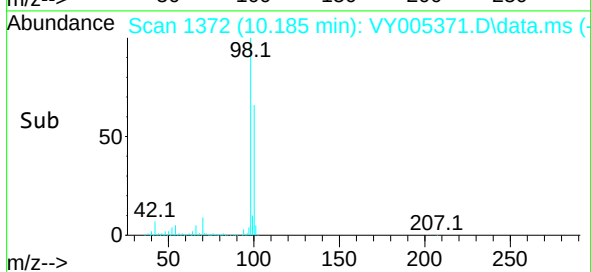
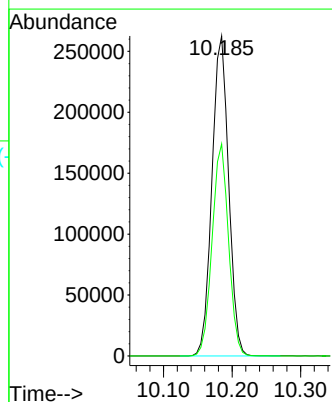
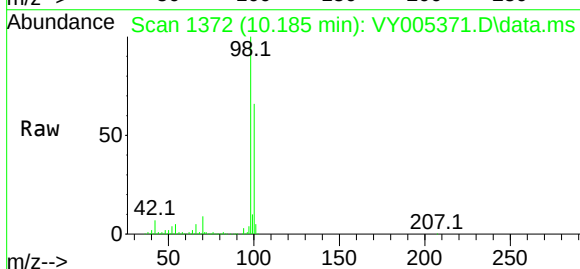
Instrument :
MSVOA_Y
ClientSampleId :

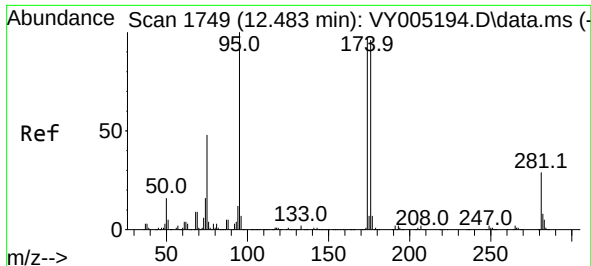
Tgt Ion:117 Resp: 18572
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.217 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

Tgt Ion: 98 Resp: 443626
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

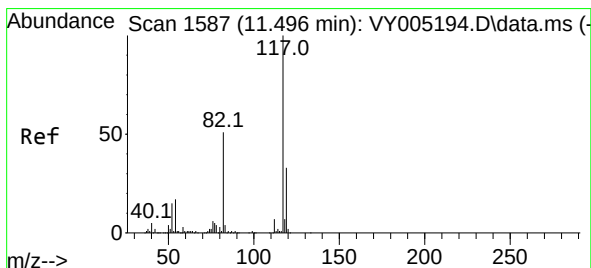
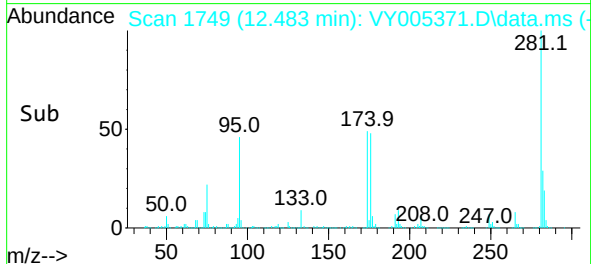
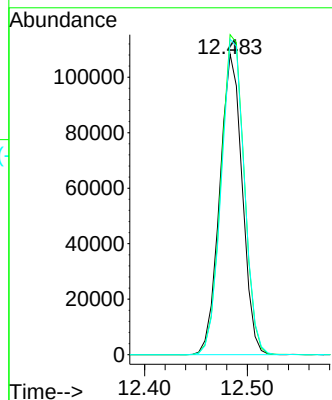
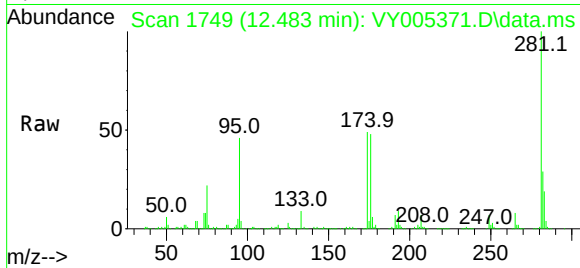




#62
4-Bromofluorobenzene
Concen: 55.917 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

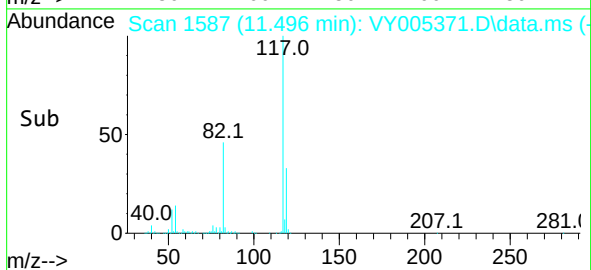
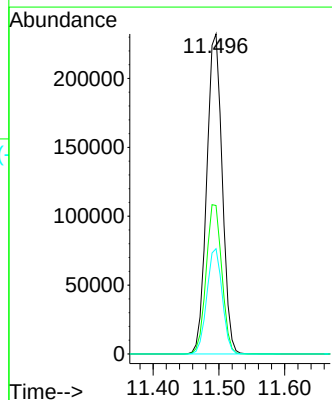
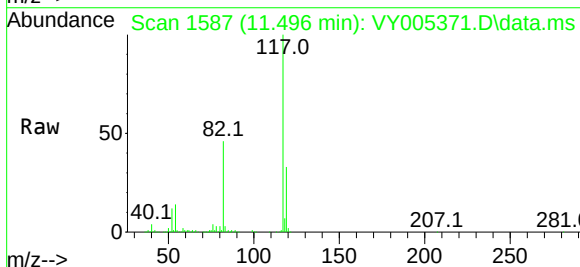
Instrument :
MSVOA_Y
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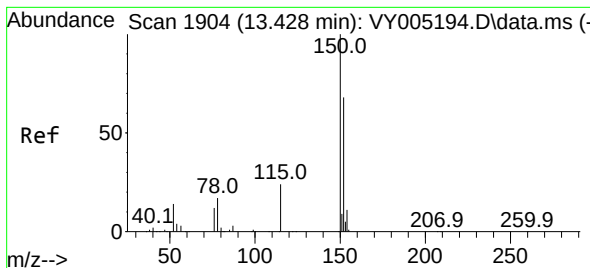
Tgt Ion: 95 Resp: 164609
Ion Ratio Lower Upper
95 100
174 109.1 0.0 201.6
176 107.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005371.D
Acq: 07 Jul 2021 17:41

Tgt Ion: 117 Resp: 380094
Ion Ratio Lower Upper
117 100
82 46.4 40.6 60.8
119 32.9 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: VY005371.D

Acq: 07 Jul 2021 17:41

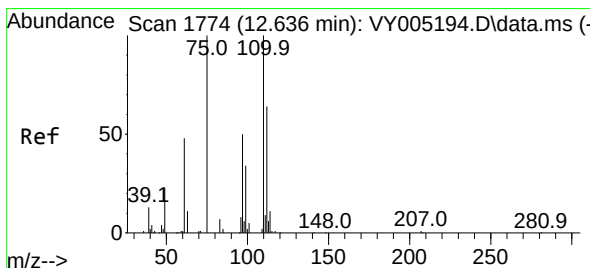
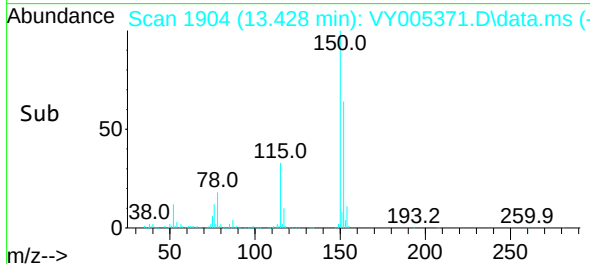
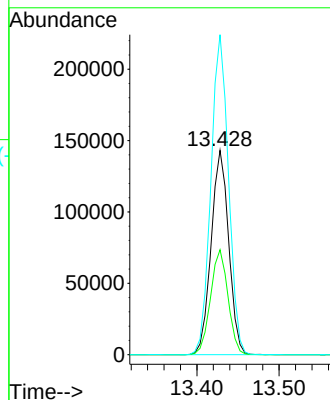
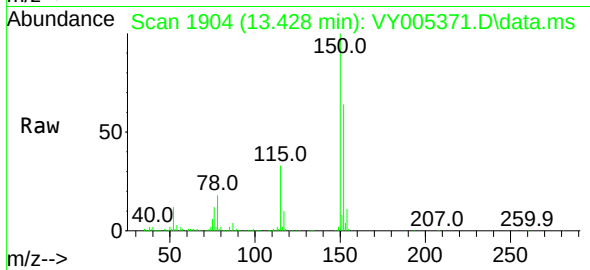
Tgt Ion:152 Resp: 212408

Ion Ratio Lower Upper

152 100

115 51.1 26.3 78.8

150 156.7 0.0 344.2



#76

1,2,3-Trichloropropane

Concen: 41.832 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY005371.D

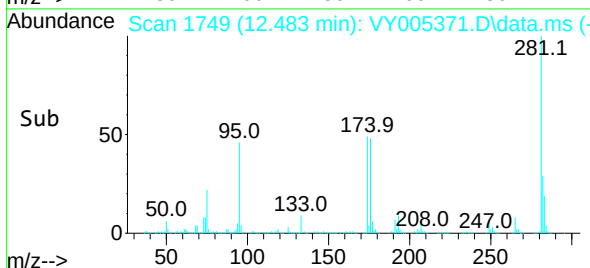
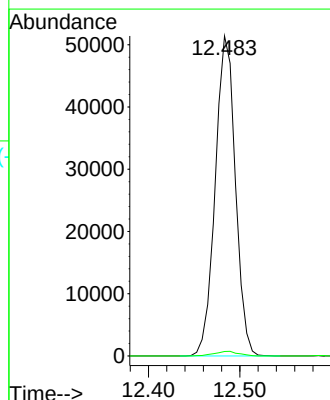
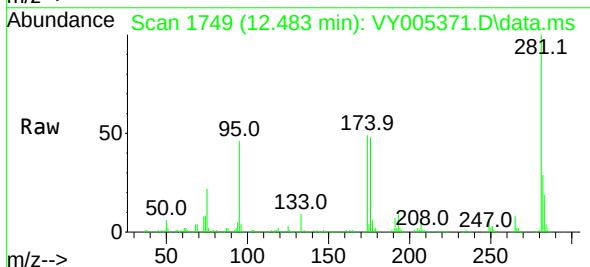
Acq: 07 Jul 2021 17:41

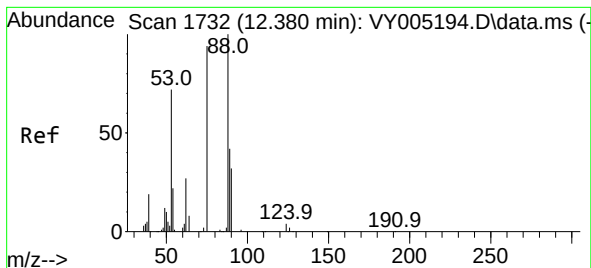
Tgt Ion: 75 Resp: 78805

Ion Ratio Lower Upper

75 100

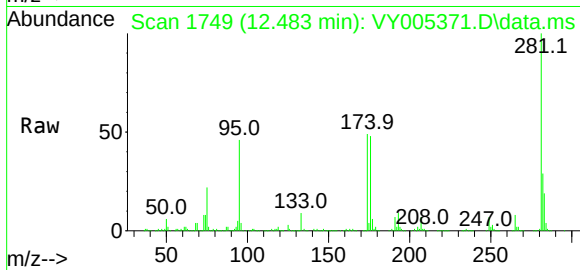
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.050 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005371.D
 Acq: 07 Jul 2021 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 78805
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 2.6 38.0 57.0#

