

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
 Data File : VY005873.D
 Acq On : 27 Aug 2021 11:07
 Operator : SY/MD
 Sample : VY0827SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:49:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

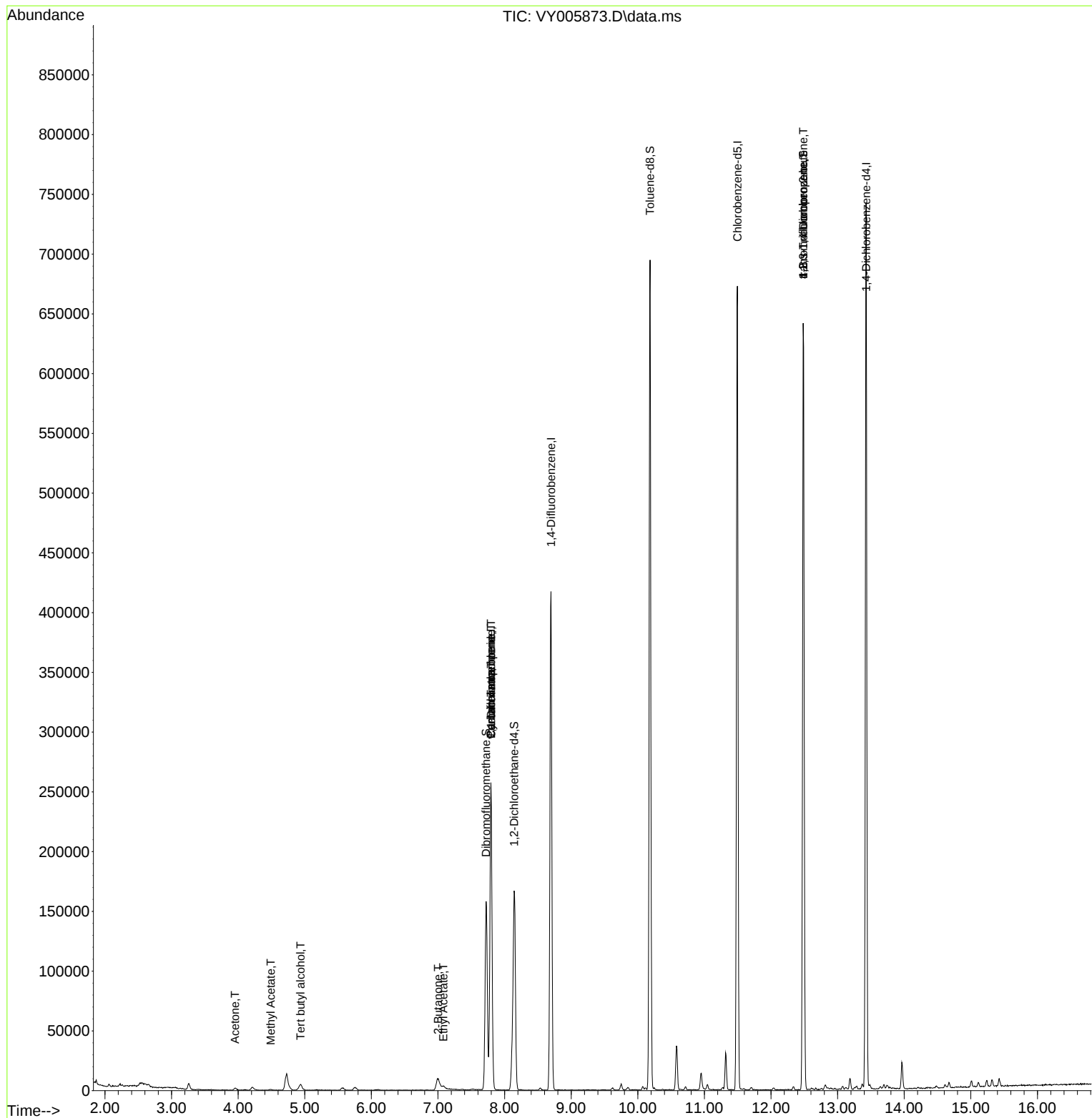
Internal Standards						
1) Pentafluorobenzene	7.795	168	207277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	356766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	369219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	126866	60.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.940%	
35) Dibromofluoromethane	7.722	113	107746	53.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.880%	
50) Toluene-d8	10.185	98	456015	54.436	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.483	95	159808	57.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	4765	22.973	ug/l #	73
16) Acetone	3.954	43	2868	5.422	ug/l	97
18) Methyl Acetate	4.491	43	1410	1.019	ug/l	91
20) Methylene Chloride	4.728	84	9675	Below Cal		87
25) 2-Butanone	7.002	43	948	1.212	ug/l #	48
31) Cyclohexane	7.795	56	3797	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14407	4.305	ug/l #	50
37) Ethyl Acetate	7.082	43	2208	1.089	ug/l #	90
38) Carbon Tetrachloride	7.795	117	18595	5.113	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	86834	44.382	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86834	89.467	ug/l #	11

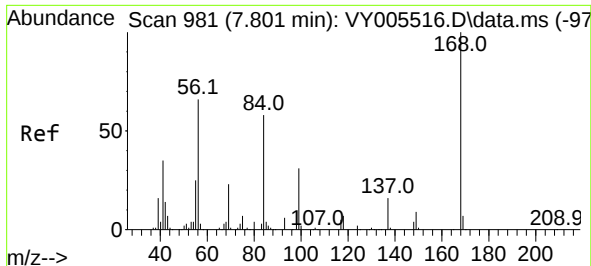
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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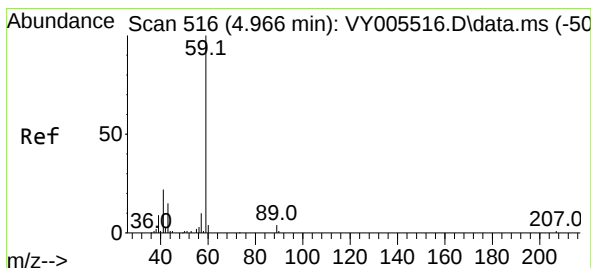
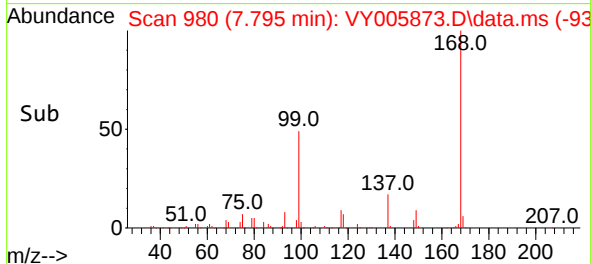
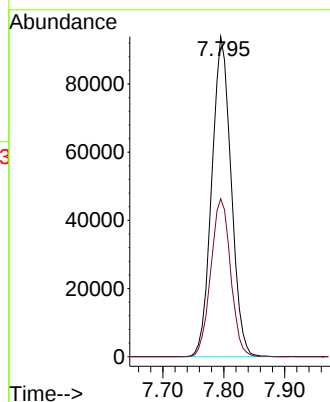
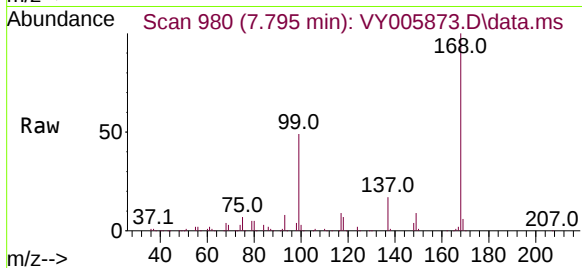




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

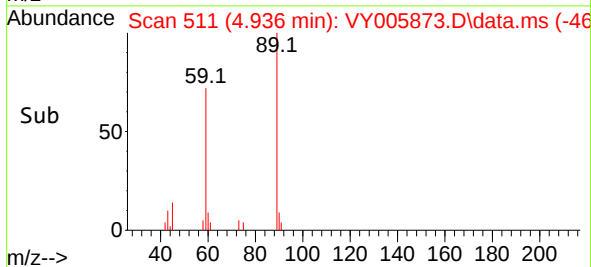
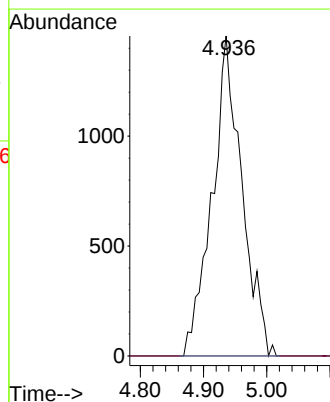
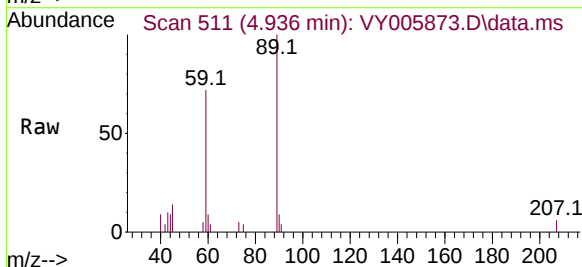
Instrument :
MSVOA_Y
ClientSampled :

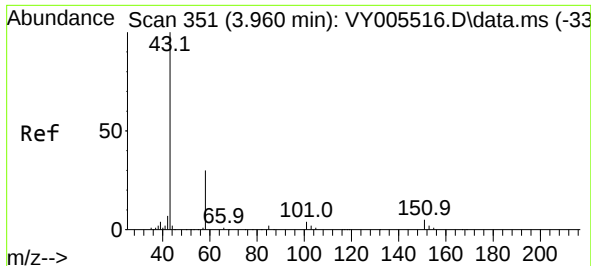
Tgt Ion:168 Resp: 207277
Ion Ratio Lower Upper
168 100
99 49.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 22.973 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 59 Resp: 4765
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

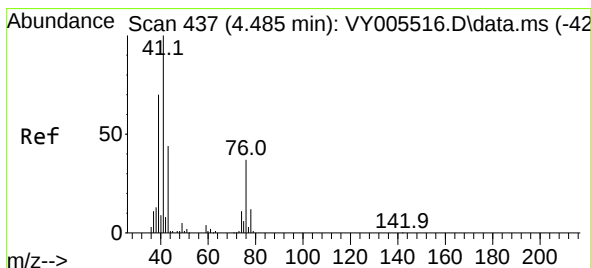
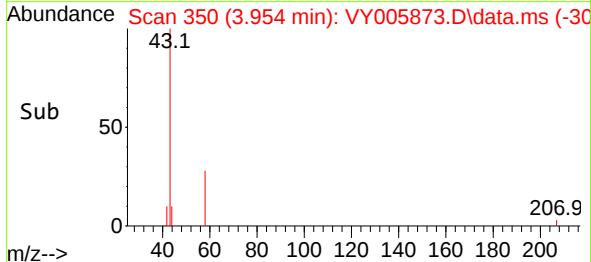
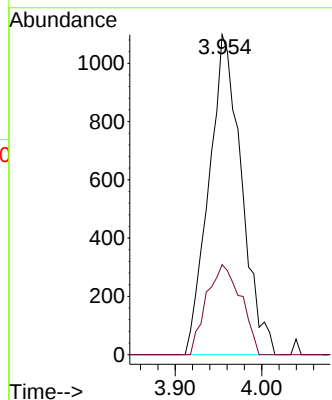
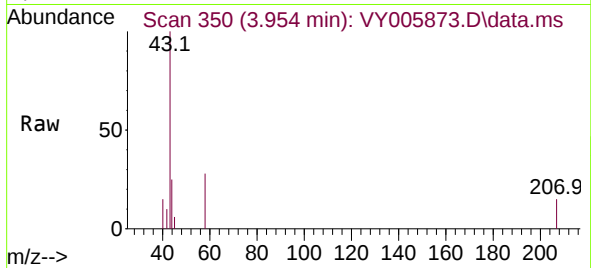




#16
Acetone
Concen: 5.422 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

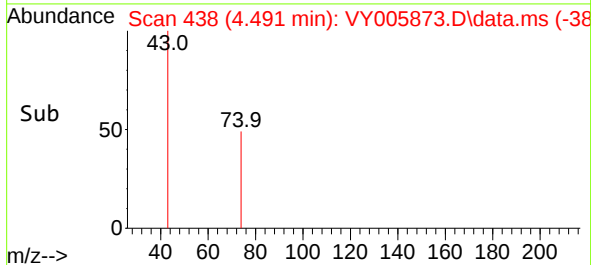
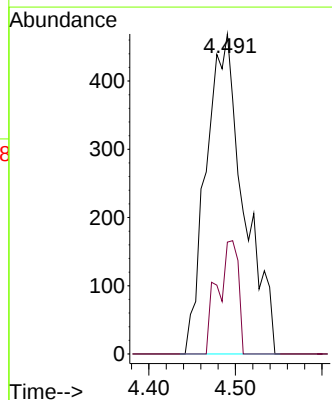
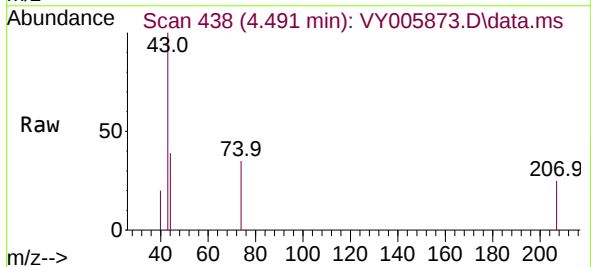
Instrument :
MSVOA_Y
ClientSampleId :

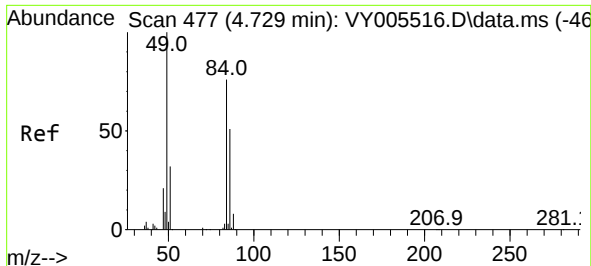
Tgt Ion: 43 Resp: 2868
Ion Ratio Lower Upper
43 100
58 28.1 23.8 35.6



#18
Methyl Acetate
Concen: 1.019 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
74 19.4 19.0 28.6





#20

Methylene Chloride

Concen: Below Cal

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005873.D

Acq: 27 Aug 2021 11:07

Tgt Ion: 84 Resp: 9675

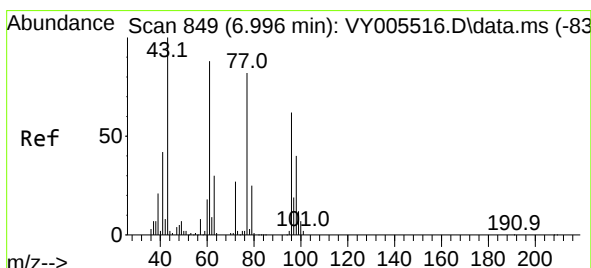
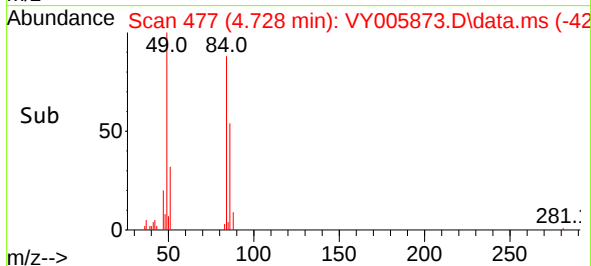
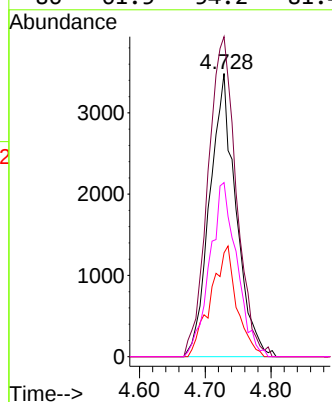
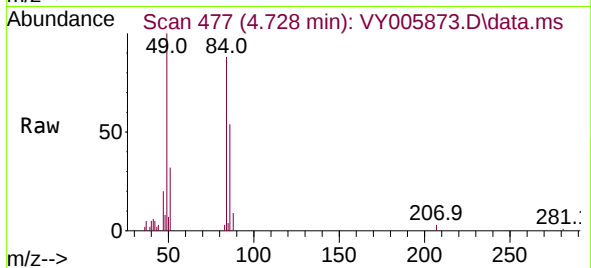
Ion Ratio Lower Upper

84 100

49 113.0 105.8 158.6

51 36.7 33.4 50.2

86 61.5 54.2 81.4



#25

2-Butanone

Concen: 1.212 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY005873.D

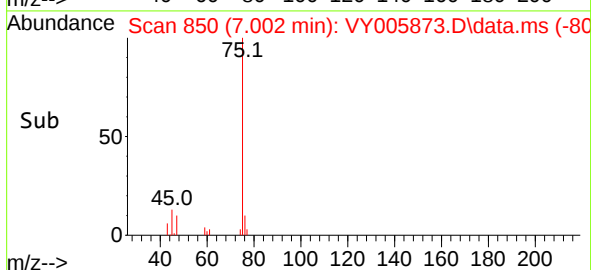
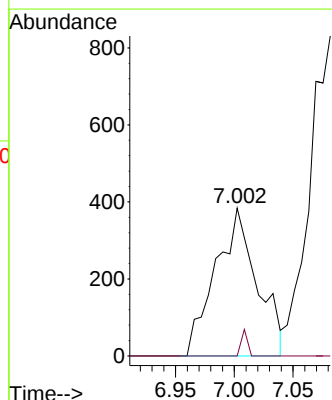
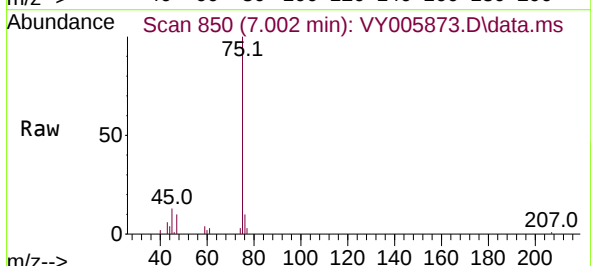
Acq: 27 Aug 2021 11:07

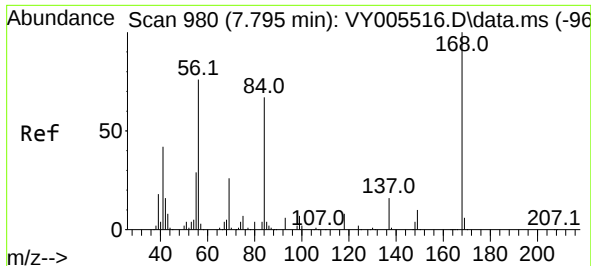
Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#

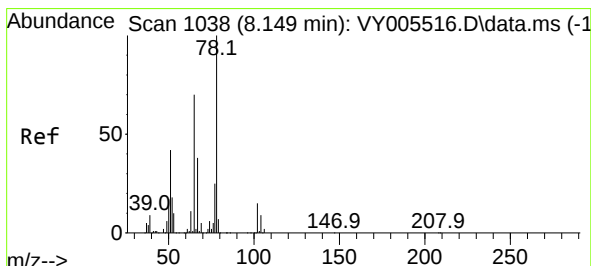
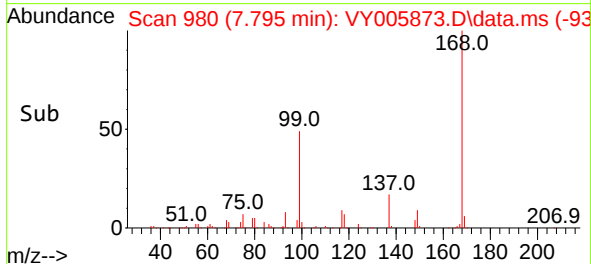
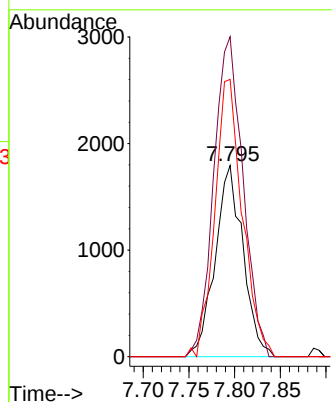
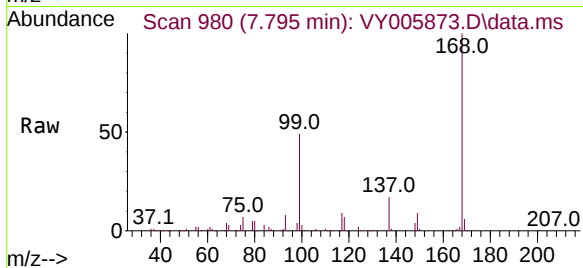




#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

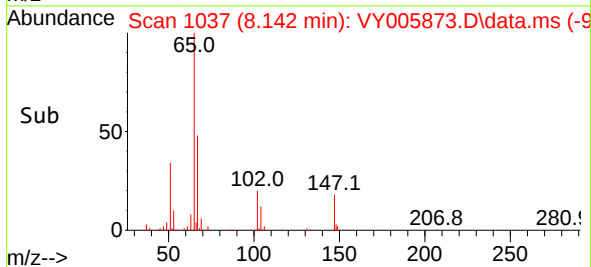
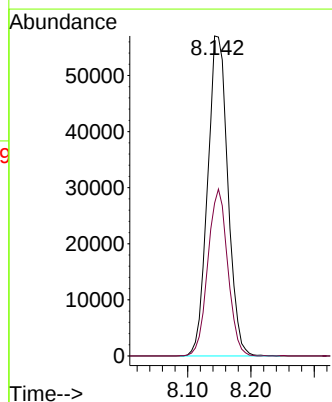
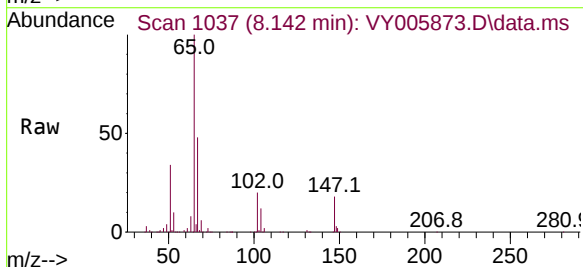
Instrument :
MSVOA_Y
ClientSampleId :

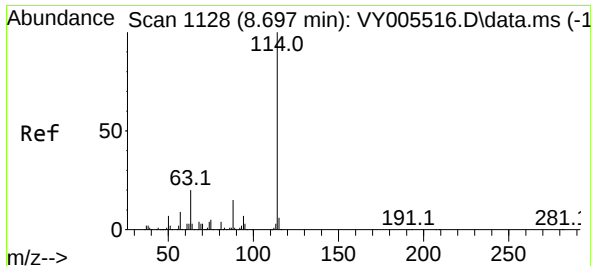
Tgt Ion: 56 Resp: 3797
Ion Ratio Lower Upper
56 100
69 167.4 27.7 41.5#
84 145.0 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 60.465 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 65 Resp: 126866
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005873.D

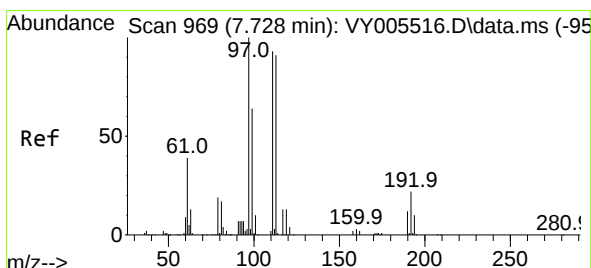
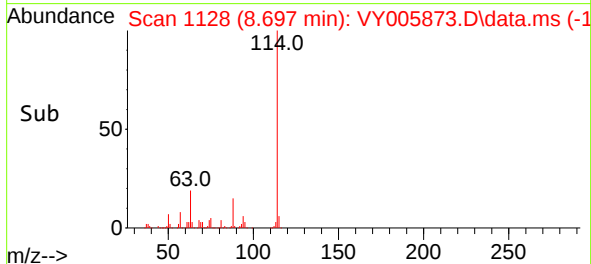
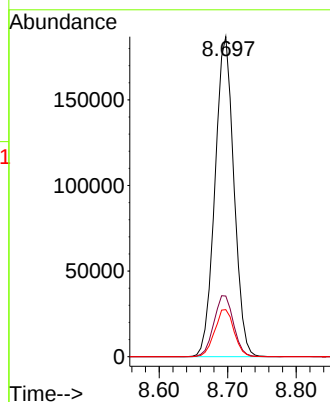
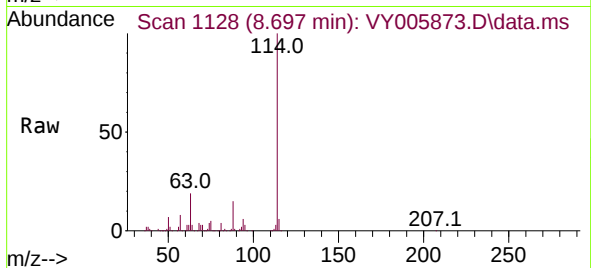
Acq: 27 Aug 2021 11:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	356766
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	39.2
88	14.7	0.0	30.8



#35

Dibromofluoromethane

Concen: 53.942 ug/l

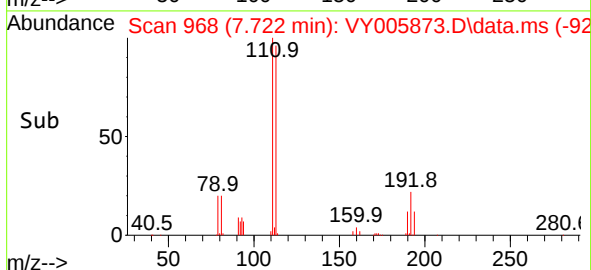
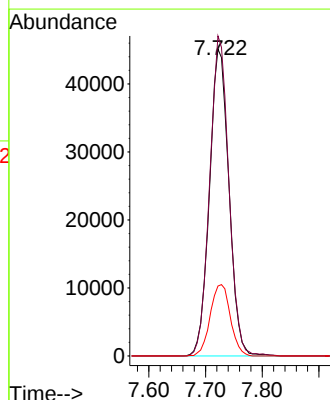
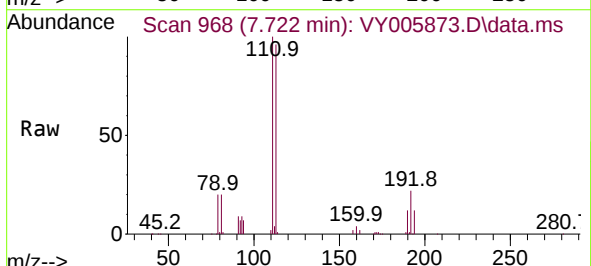
RT: 7.722 min Scan# 968

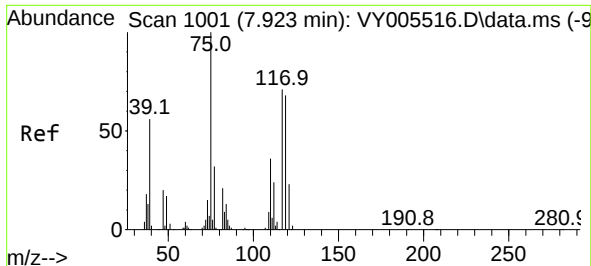
Delta R.T. -0.006 min

Lab File: VY005873.D

Acq: 27 Aug 2021 11:07

Tgt Ion:	113	Resp:	107746
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	24.0	19.2	28.8

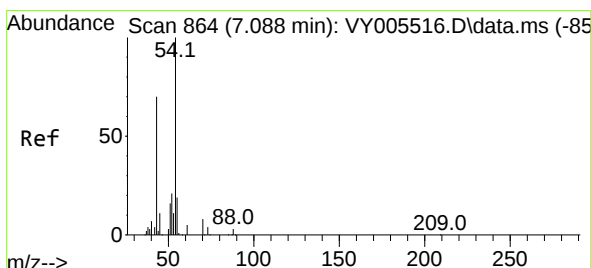
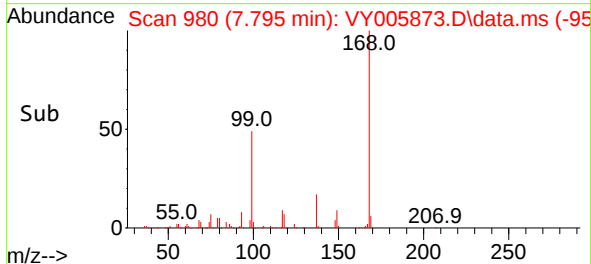
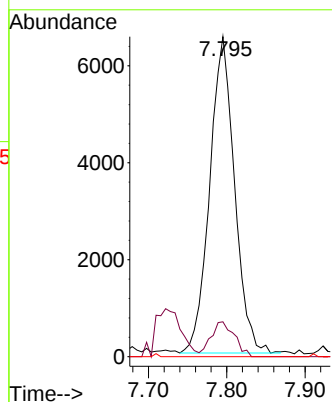
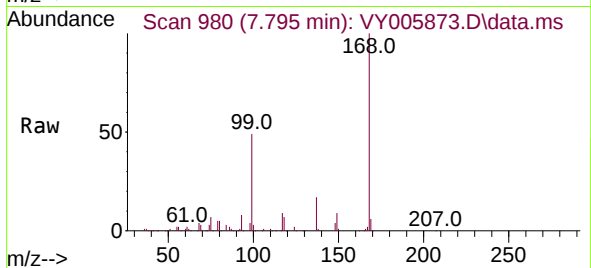




#36
1,1-Dichloropropene
Concen: 4.305 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

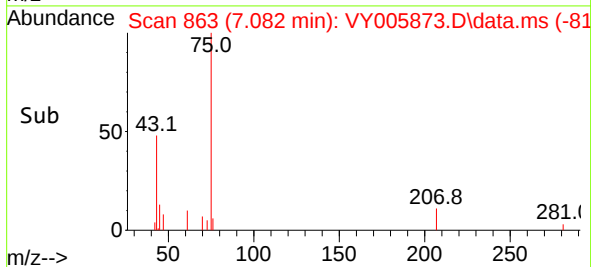
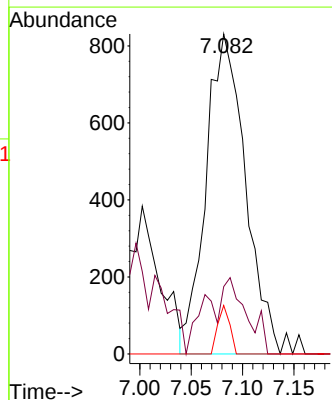
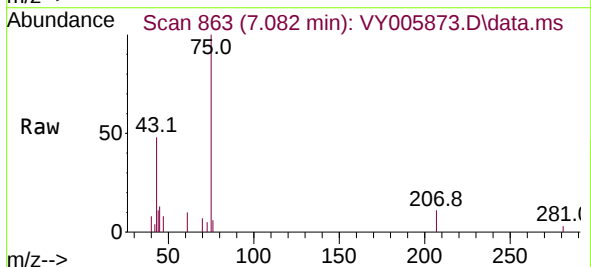
Instrument :
MSVOA_Y
ClientSampleId :

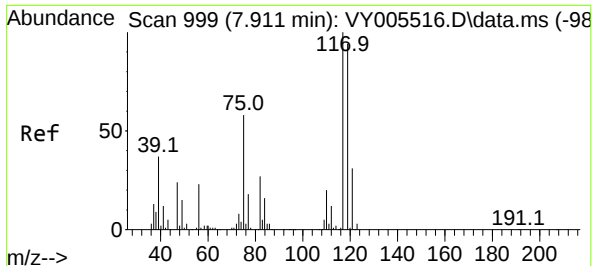
Tgt Ion: 75 Resp: 14407
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.1#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.089 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.006 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

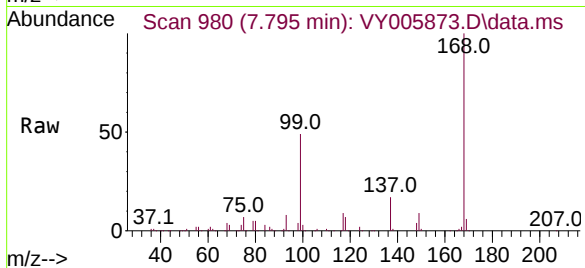
Tgt Ion: 43 Resp: 2208
Ion Ratio Lower Upper
43 100
61 14.9 10.6 15.8
70 4.6 8.6 13.0#



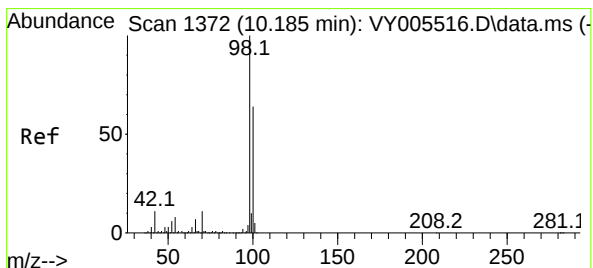
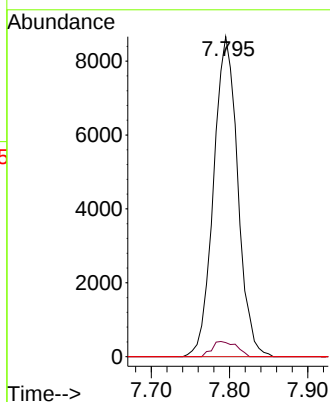
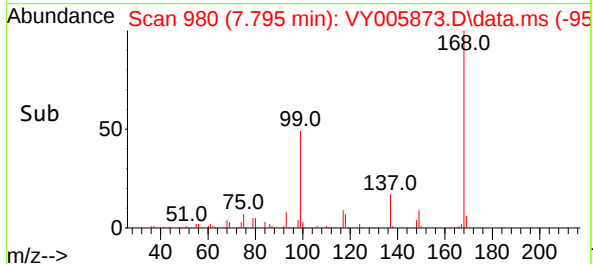


#38
Carbon Tetrachloride
Concen: 5.113 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

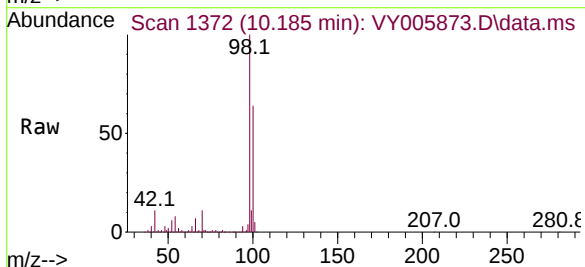
Instrument :
MSVOA_Y
ClientSampleId :



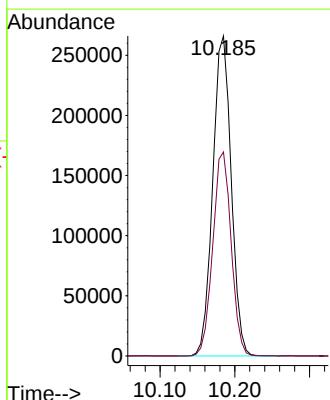
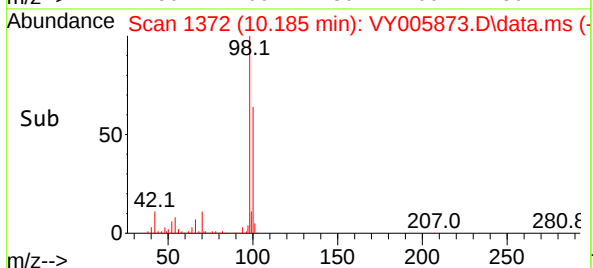
Tgt Ion:117 Resp: 18595
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.0#
121 0.0 25.1 37.7#

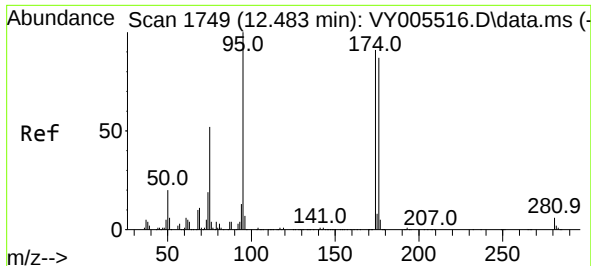


#50
Toluene-d8
Concen: 54.436 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07



Tgt Ion: 98 Resp: 456015
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

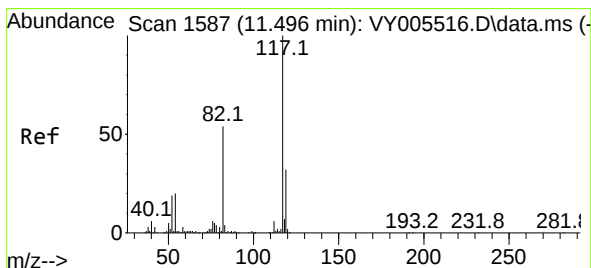
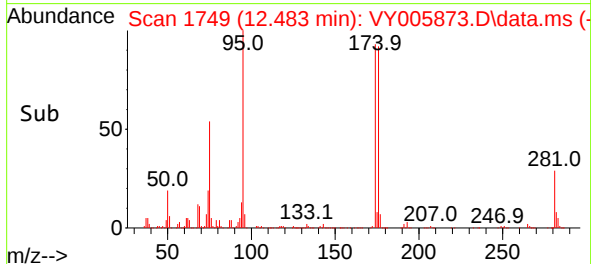
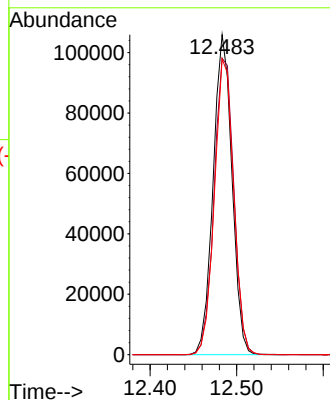
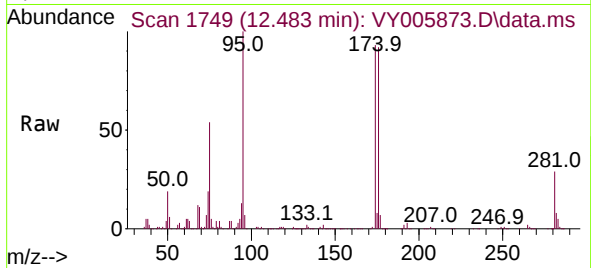




#62
4-Bromofluorobenzene
Concen: 57.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

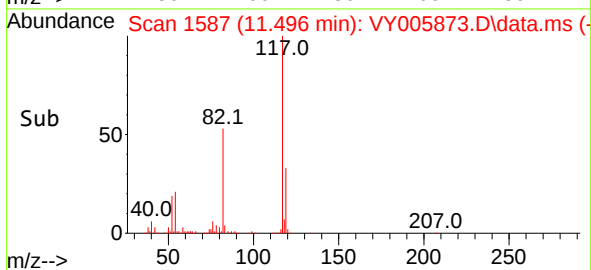
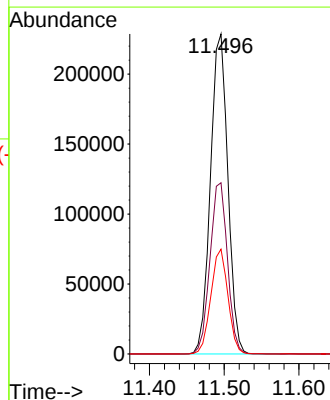
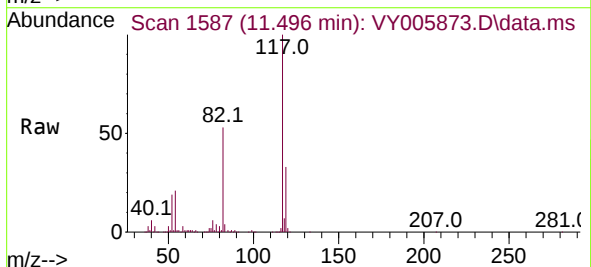
Instrument :
MSVOA_Y
ClientSampleId :

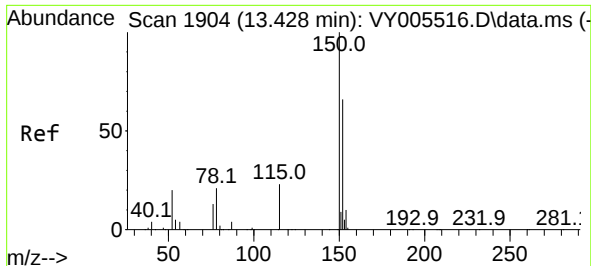
Tgt Ion:	95	Resp:	159808
Ion Ratio	Lower	Upper	
95	100		
174	97.1	0.0	191.4
176	94.2	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005873.D
Acq: 27 Aug 2021 11:07

Tgt Ion:	117	Resp:	369219
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.5	65.3
119	32.8	25.5	38.3

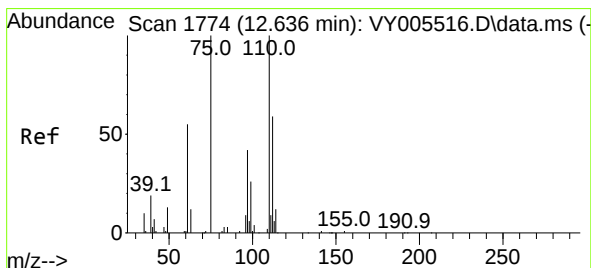
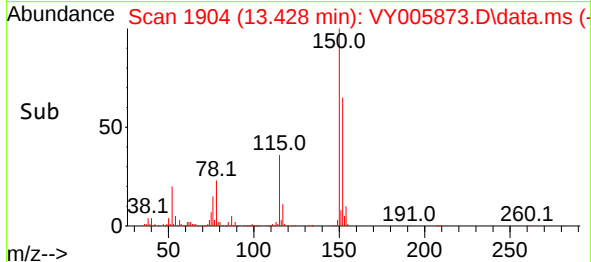
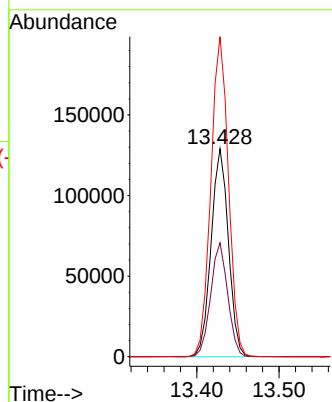
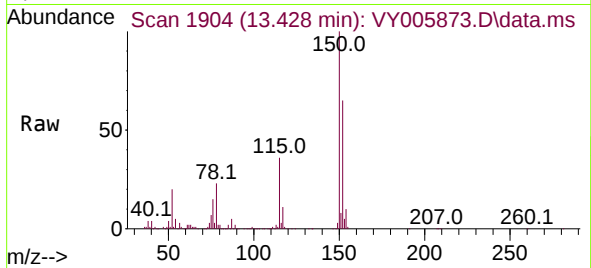




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005873.D
 Acq: 27 Aug 2021 11:07

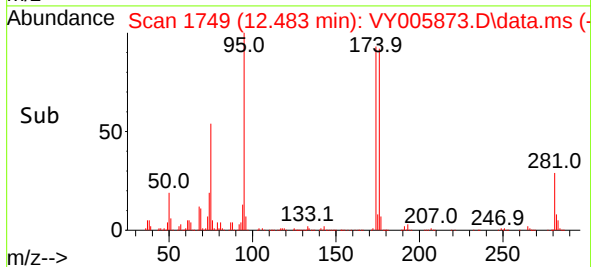
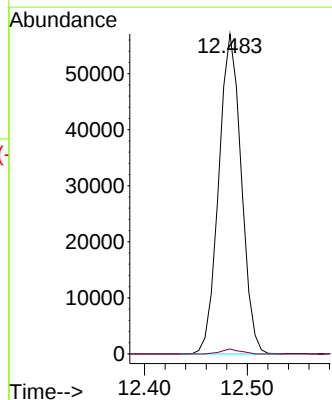
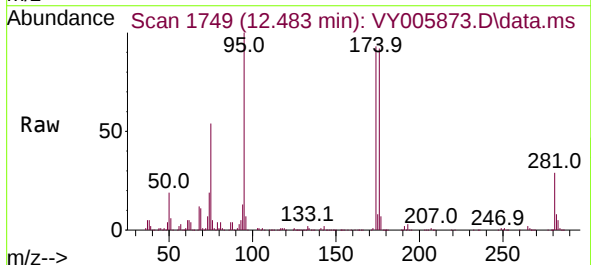
Instrument :
 MSVOA_Y
 ClientSampled :

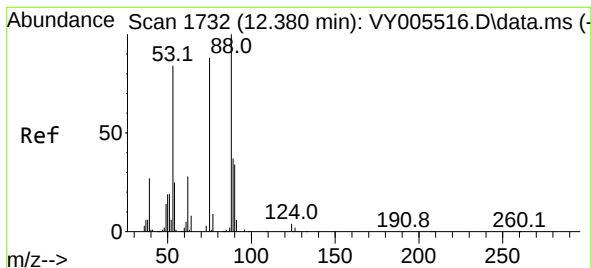
Tgt Ion:152 Resp: 188802
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.3 81.9
 150 156.4 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.382 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005873.D
 Acq: 27 Aug 2021 11:07

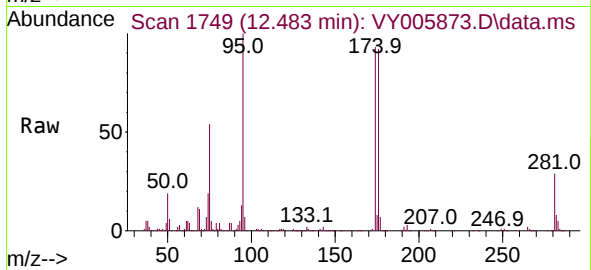
Tgt Ion: 75 Resp: 86834
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.467 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005873.D
 Acq: 27 Aug 2021 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 86834
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.2 38.4 57.6#

