

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005973.D
 Acq On : 09 Sep 2021 12:45
 Operator : SY/MD
 Sample : M3680-04
 Misc : 5.86G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 10 04:45:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

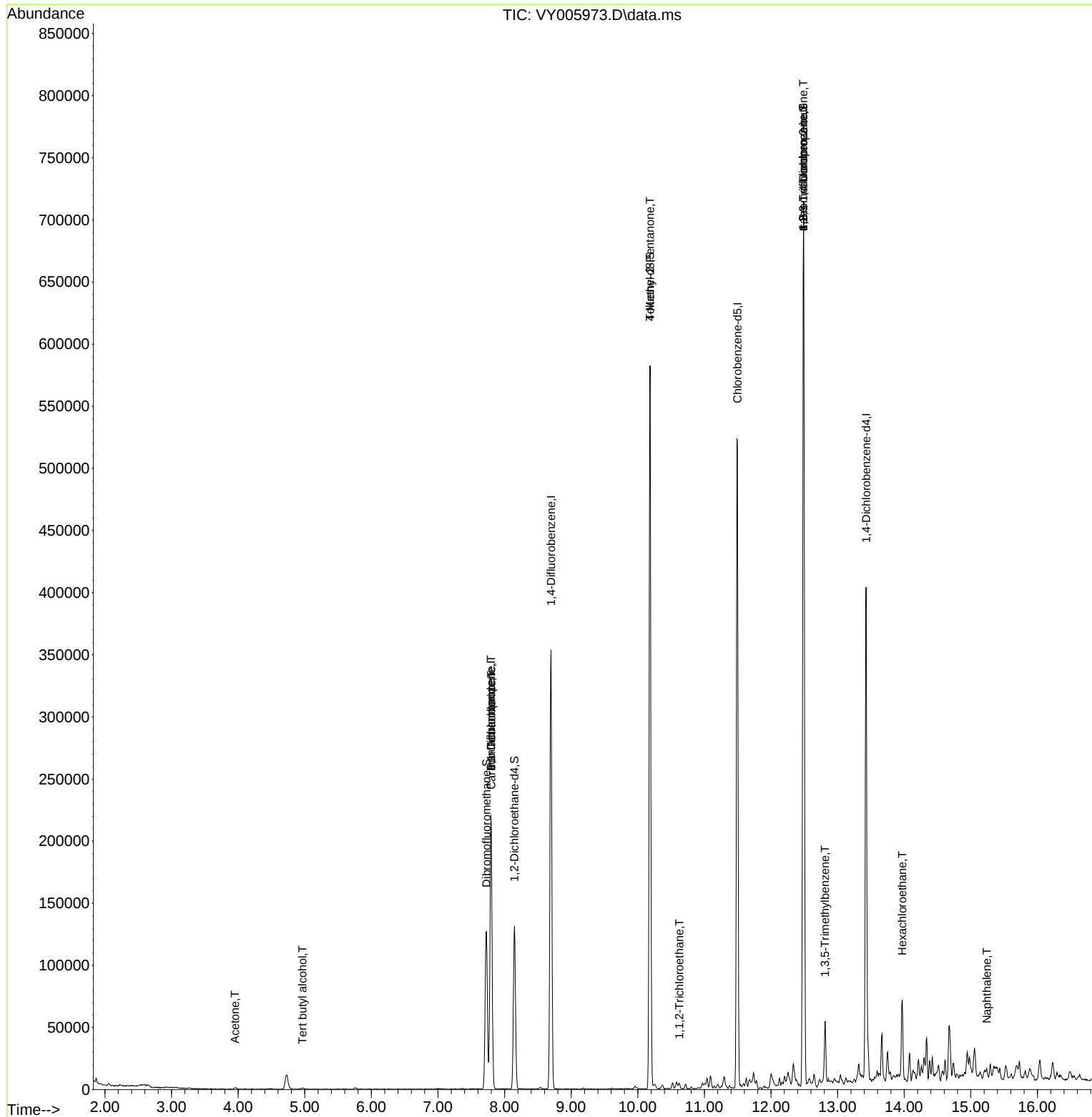
Internal Standards						
1) Pentafluorobenzene	7.795	168	183224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	299786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106017	57.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.840%	
35) Dibromofluoromethane	7.728	113	89358	51.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.280%	
50) Toluene-d8	10.185	98	383559	52.304	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.483	95	121014	49.146	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1993	5.489	ug/l #	84
16) Acetone	3.954	43	2095	4.450	ug/l #	82
36) 1,1-Dichloropropene	7.795	75	11668	3.983	ug/l #	50
38) Carbon Tetrachloride	7.801	117	15829	4.985	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1820	1.060	ug/l #	1
55) 1,1,2-Trichloroethane	10.624	97	1952	1.166	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	63534	62.638	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	19700	3.255	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63534	119.124	ug/l #	15
90) Hexachloroethane	13.971	117	1764	1.439	ug/l #	2
95) Naphthalene	15.239	128	4578	1.125	ug/l #	88

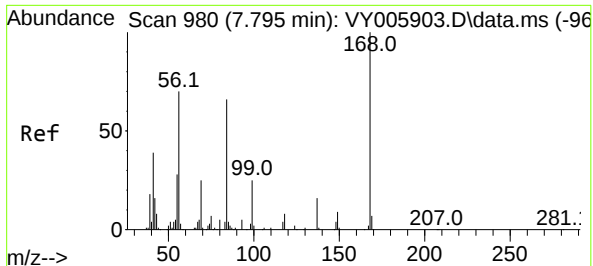
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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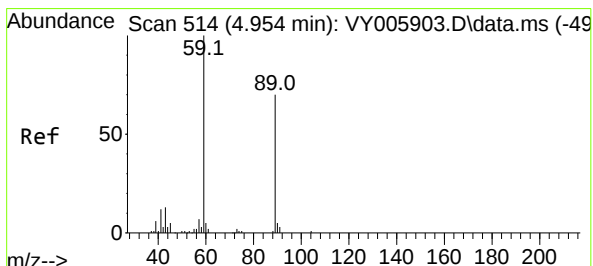
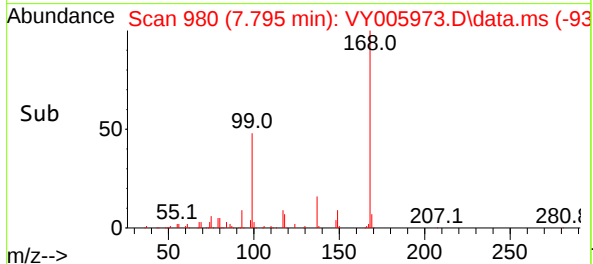
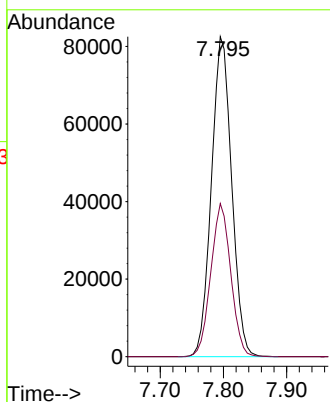
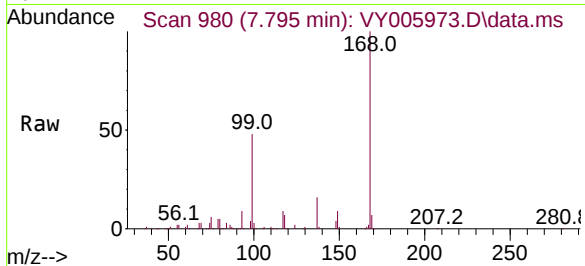




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

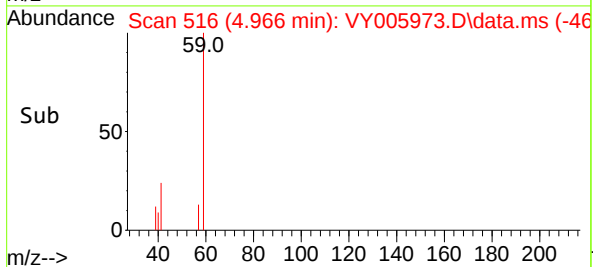
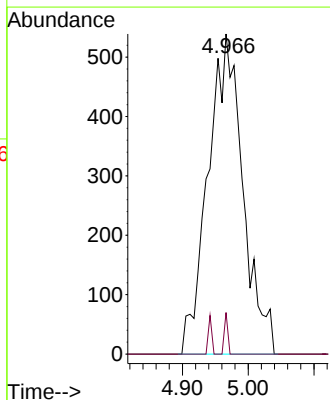
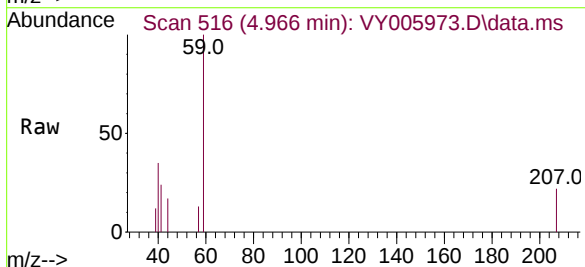
Instrument :
MSVOA_Y
ClientSampled :

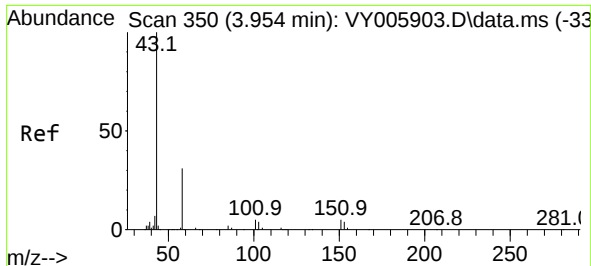
Tgt Ion:168 Resp: 183224
Ion Ratio Lower Upper
168 100
99 47.9 40.6 60.8



#11
Tert butyl alcohol
Concen: 5.489 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

Tgt Ion: 59 Resp: 1993
Ion Ratio Lower Upper
59 100
57 1.3 5.5 8.3#

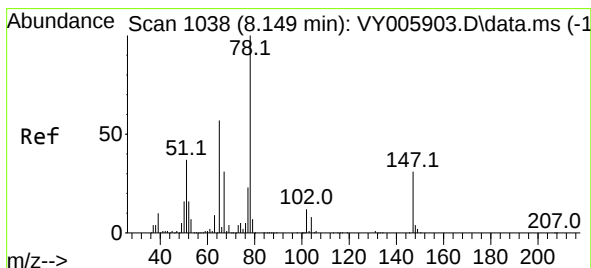
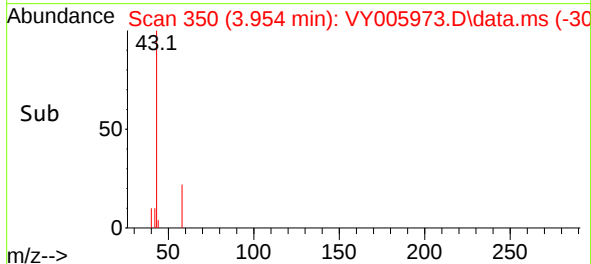
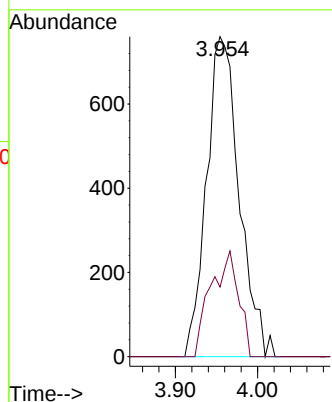
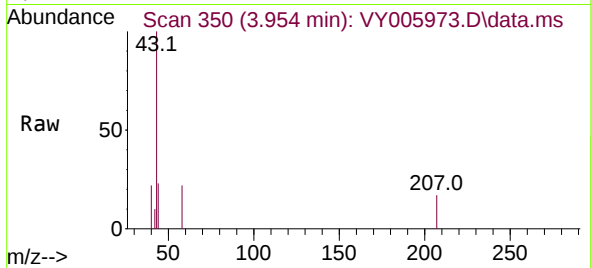




#16
Acetone
Concen: 4.450 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

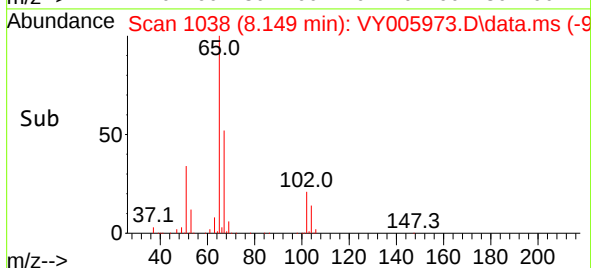
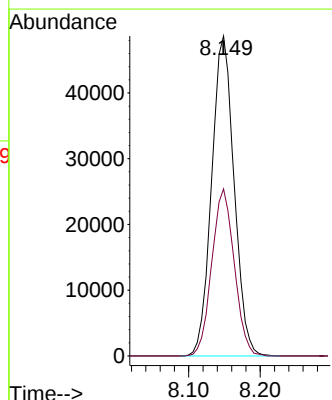
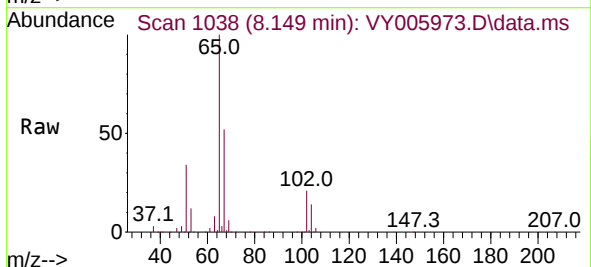
Instrument :
MSVOA_Y
ClientSampleId :

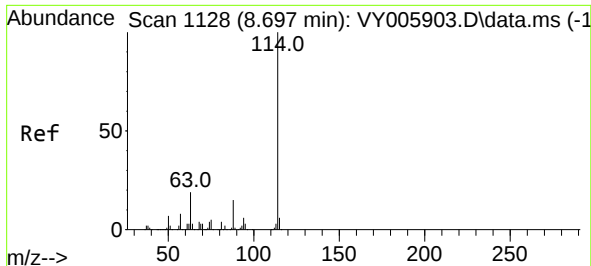
Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
58 21.7 25.1 37.7#



#33
1,2-Dichloroethane-d4
Concen: 57.418 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

Tgt Ion: 65 Resp: 106017
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

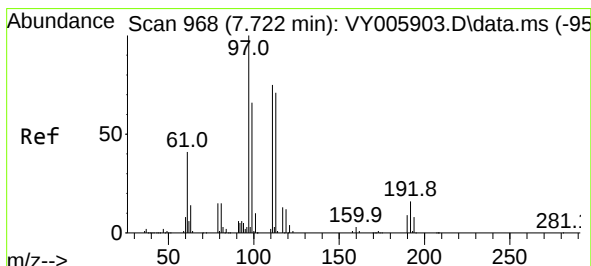
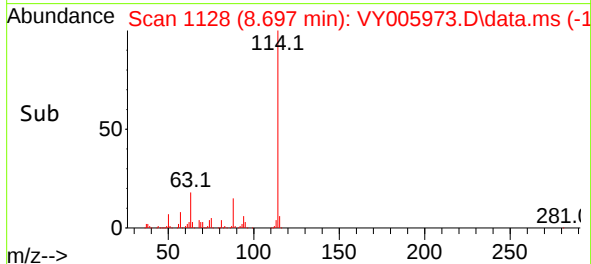
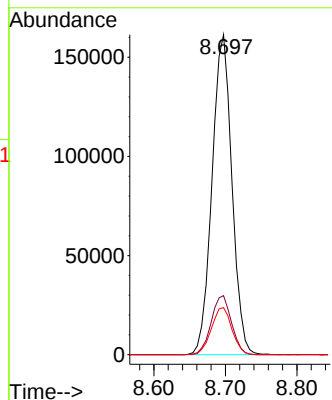
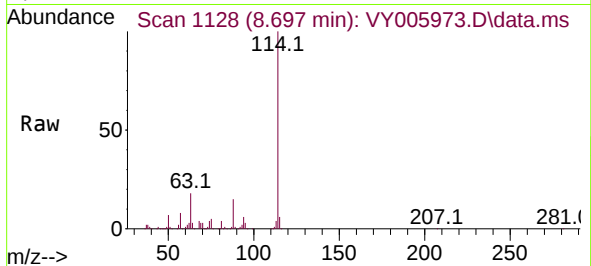




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

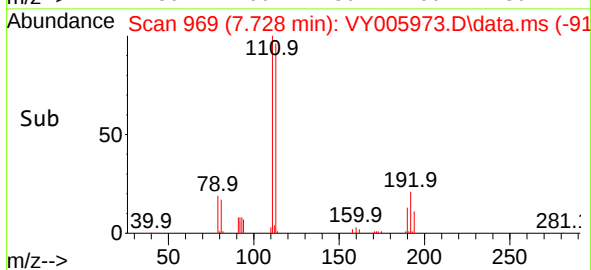
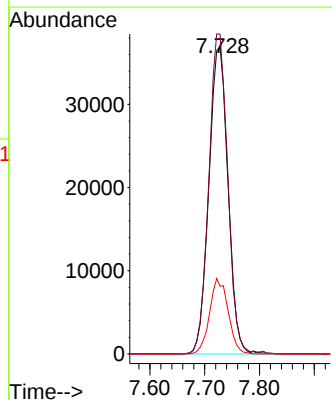
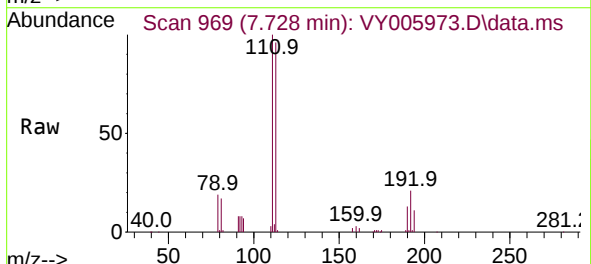
Instrument :
MSVOA_Y
ClientSampleId :

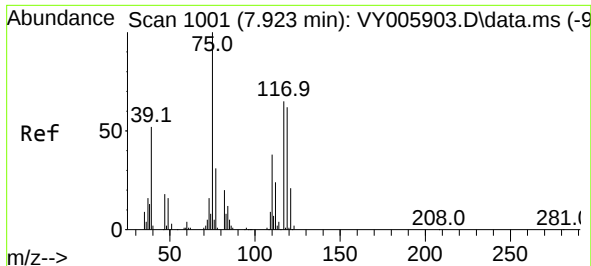
Tgt Ion:114 Resp: 311134
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.4
88 14.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 51.140 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

Tgt Ion:113 Resp: 89358
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 23.8 19.4 29.0





#36

1,1-Dichloropropene

Concen: 3.983 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005973.D

Acq: 09 Sep 2021 12:45

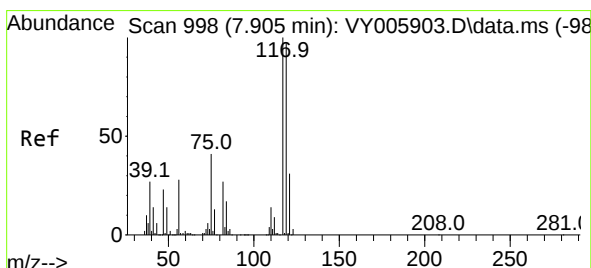
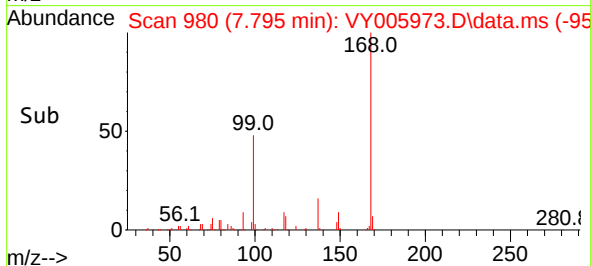
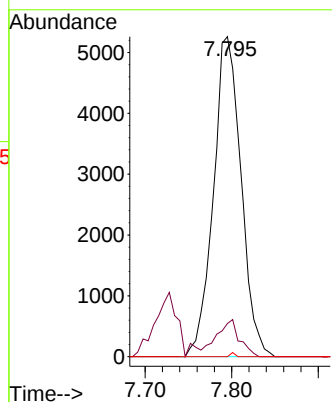
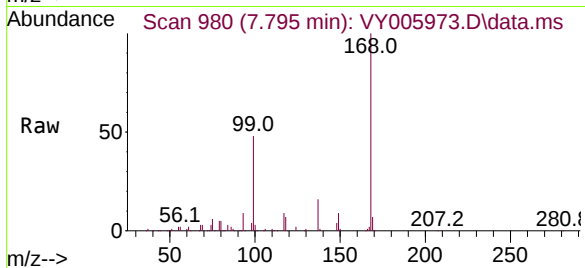
Tgt Ion: 75 Resp: 11668

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.3#

77 0.2 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.985 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY005973.D

Acq: 09 Sep 2021 12:45

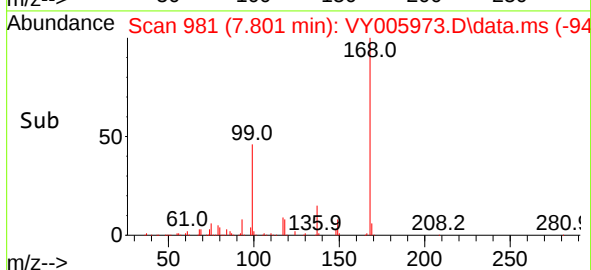
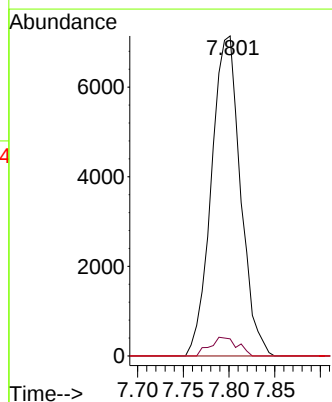
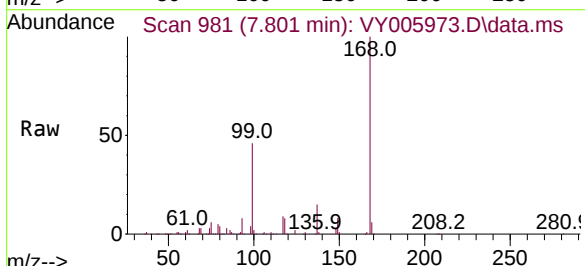
Tgt Ion: 117 Resp: 15829

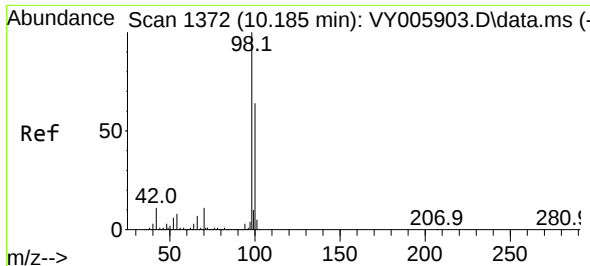
Ion Ratio Lower Upper

117 100

119 5.4 77.5 116.3#

121 0.0 25.0 37.6#

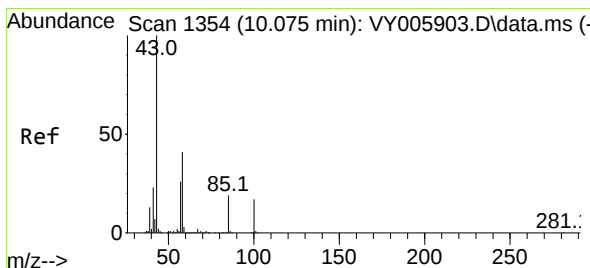
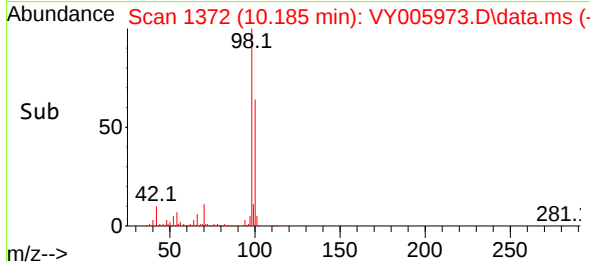
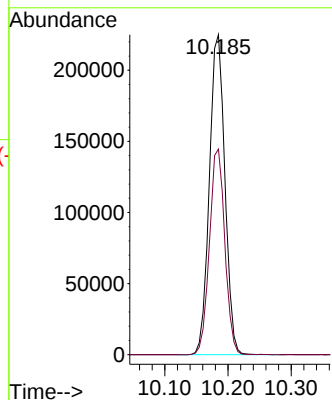
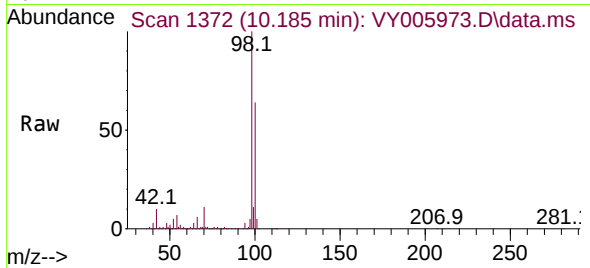




#50
Toluene-d8
Concen: 52.304 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

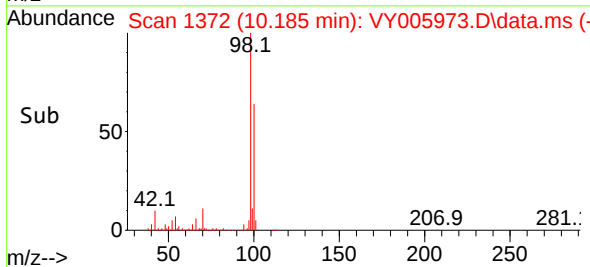
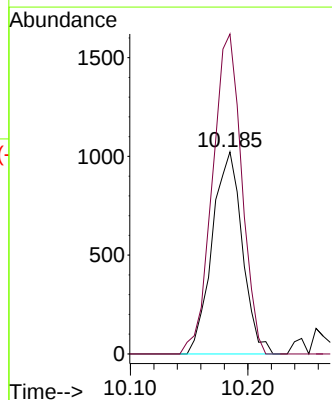
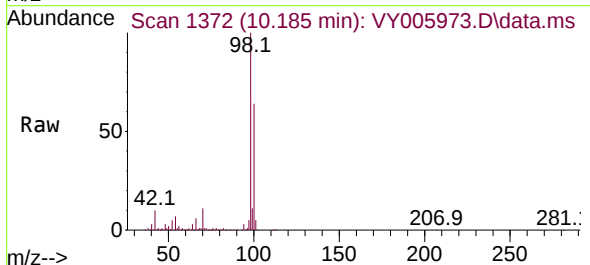
Instrument :
MSVOA_Y
ClientSampled :

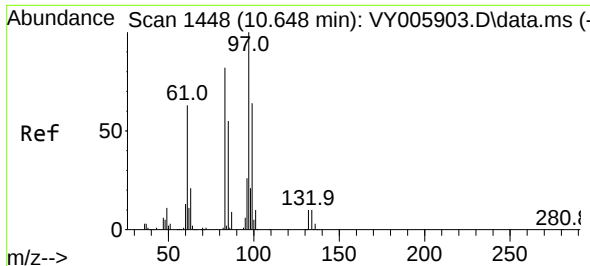
Tgt Ion: 98 Resp: 383559
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.060 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

Tgt Ion: 43 Resp: 1820
Ion Ratio Lower Upper
43 100
58 153.8 31.8 47.8#

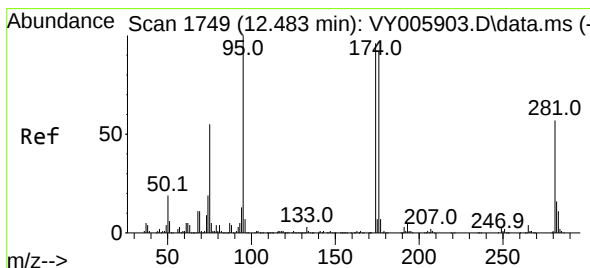
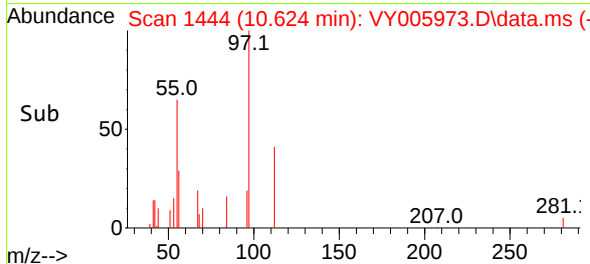
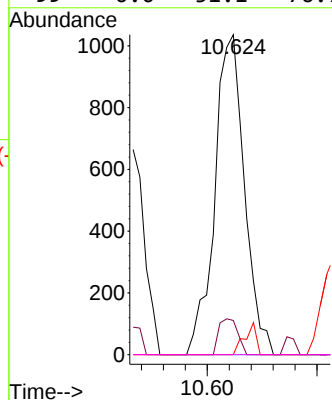
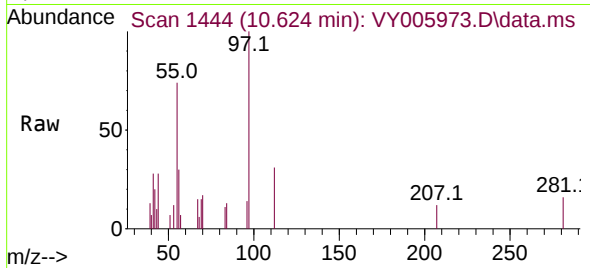




#55
1,1,2-Trichloroethane
Concen: 1.166 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

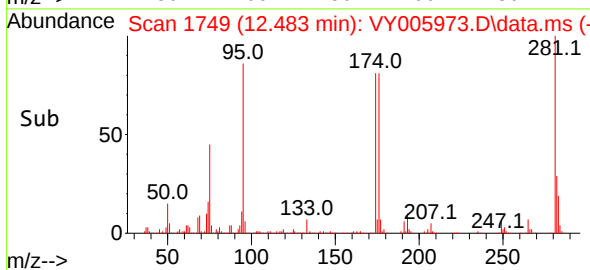
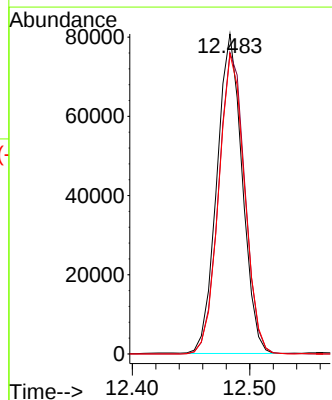
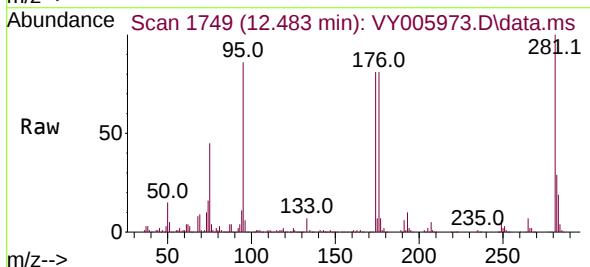
Instrument :
MSVOA_Y
ClientSampleId :

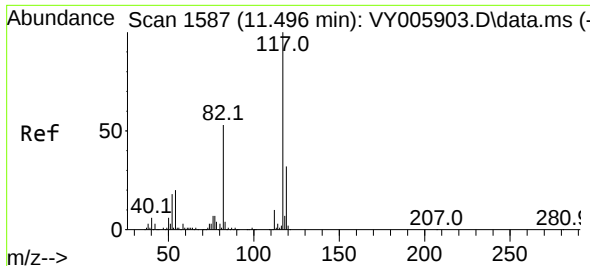
Tgt Ion: 97	Resp: 1952
Ion Ratio	Lower Upper
97 100	
83 10.7	65.9 98.9#
85 0.0	44.2 66.4#
99 0.0	51.1 76.7#



#62
4-Bromofluorobenzene
Concen: 49.146 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

Tgt Ion: 95	Resp: 121014
Ion Ratio	Lower Upper
95 100	
174 97.3	0.0 192.4
176 95.6	0.0 186.8

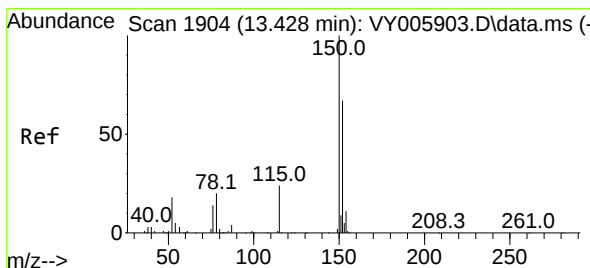
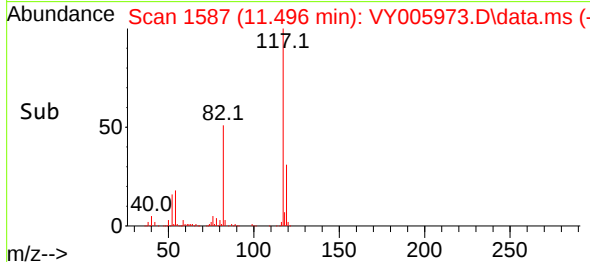
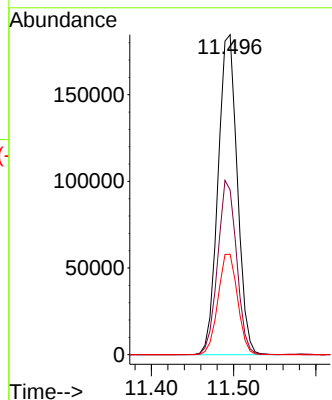
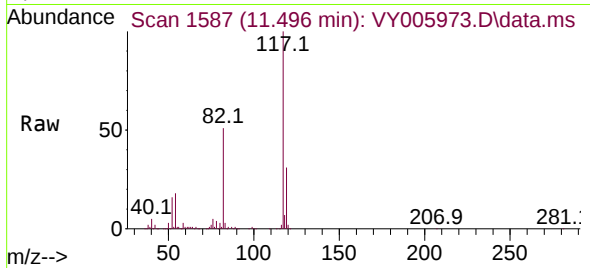




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

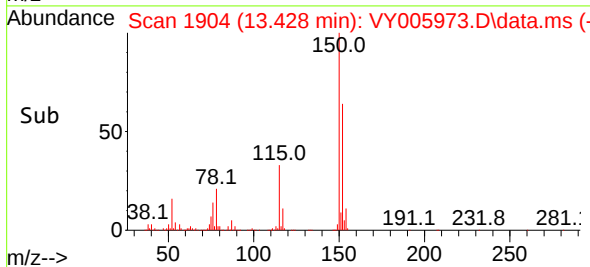
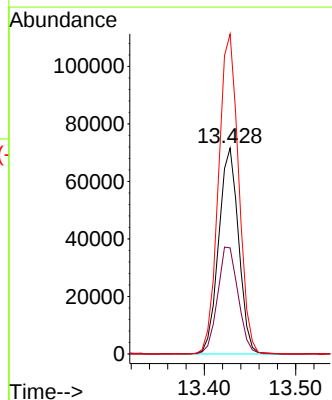
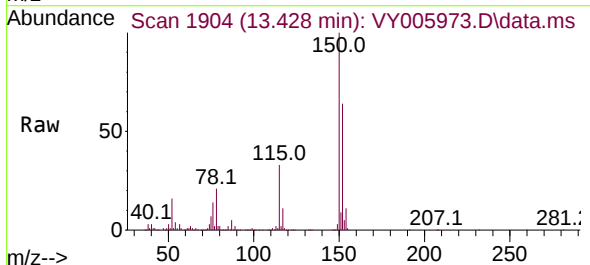
Instrument :
MSVOA_Y
ClientSampled :

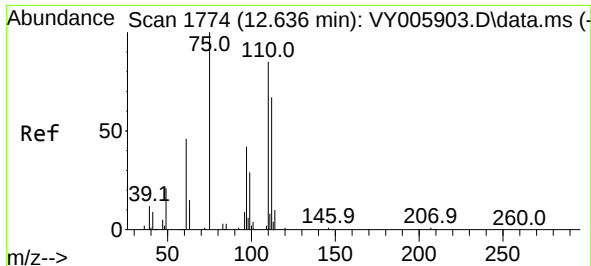
Tgt Ion:117 Resp: 299786
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

Tgt Ion:152 Resp: 108370
Ion Ratio Lower Upper
152 100
115 54.0 26.8 80.4
150 157.2 0.0 345.6

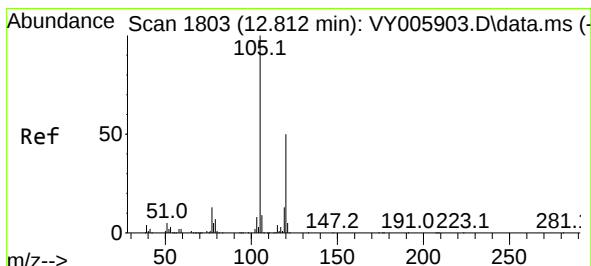
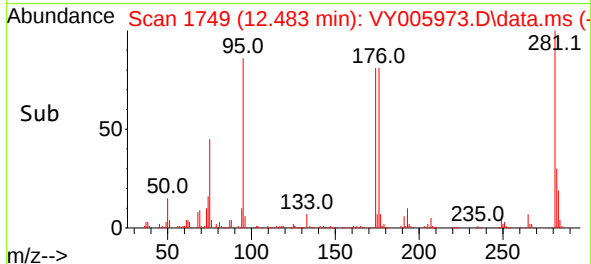
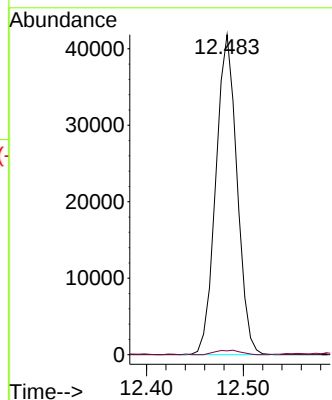
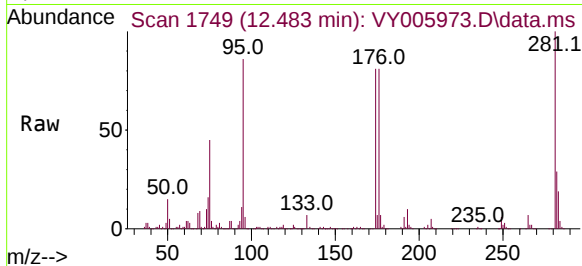




#76
1,2,3-Trichloropropane
Concen: 62.638 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

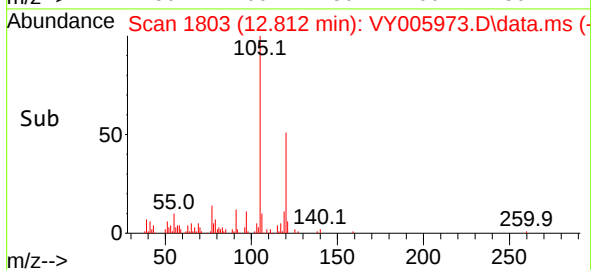
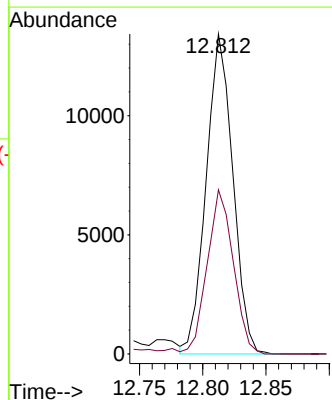
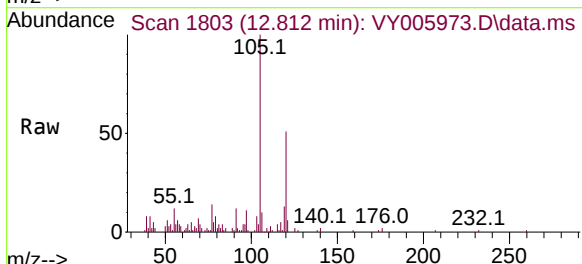
Instrument :
MSVOA_Y
ClientSampled :

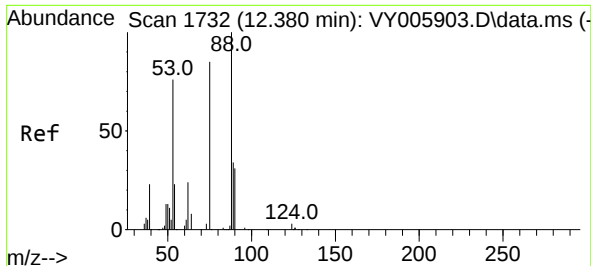
Tgt Ion: 75 Resp: 63534
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 3.255 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

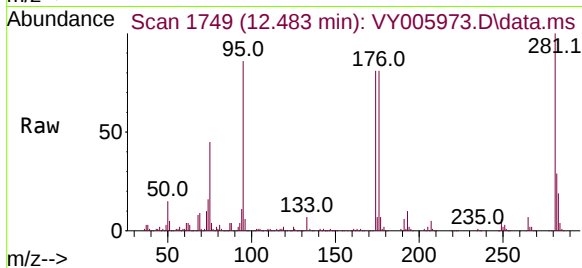
Tgt Ion:105 Resp: 19700
Ion Ratio Lower Upper
105 100
120 50.1 25.2 75.6



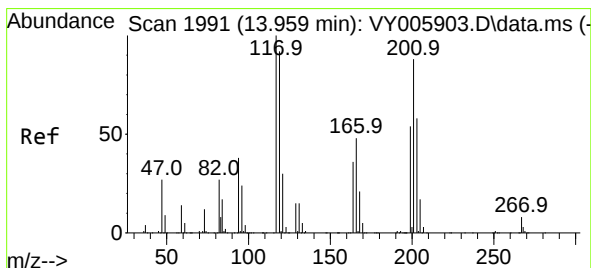
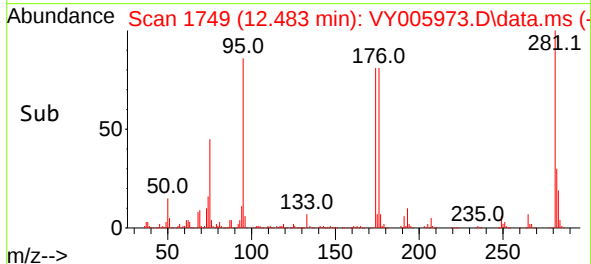
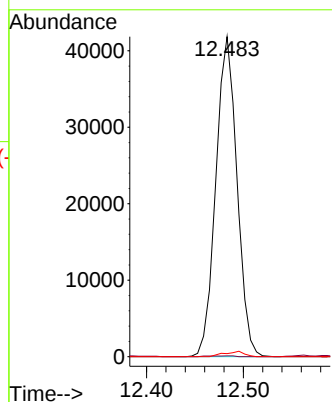


#81
trans-1,4-Dichloro-2-butene
Concen: 119.124 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

Instrument :
MSVOA_Y
ClientSampleId :

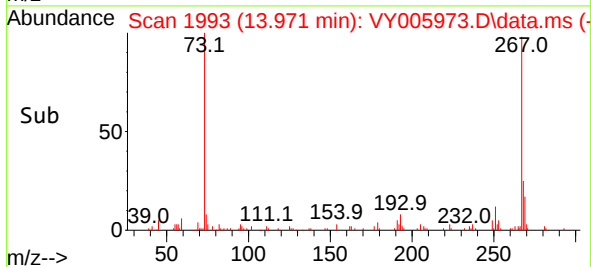
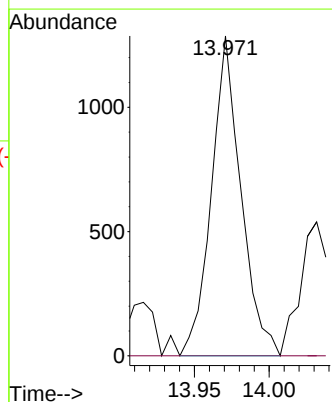
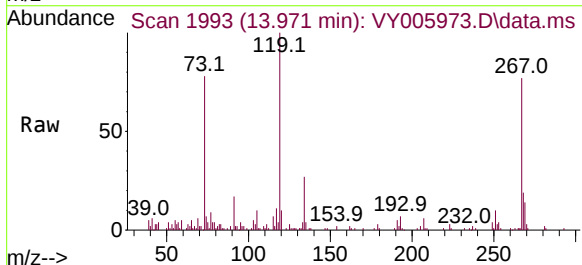


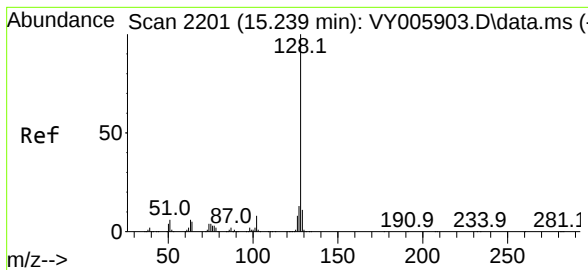
Tgt Ion: 75 Resp: 63534
Ion Ratio Lower Upper
75 100
53 0.3 71.8 107.8#
89 1.6 35.8 53.6#



#90
Hexachloroethane
Concen: 1.439 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY005973.D
Acq: 09 Sep 2021 12:45

Tgt Ion: 117 Resp: 1764
Ion Ratio Lower Upper
117 100
201 0.0 47.2 141.6#





#95
 Naphthalene
 Concen: 1.125 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY005973.D
 Acq: 09 Sep 2021 12:45

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:128 Resp: 4578
 Ion Ratio Lower Upper
 128 100
 127 18.5 10.6 15.8#
 129 14.7 8.7 13.1#

