

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005372.D
 Acq On : 07 Jul 2021 18:04
 Operator : SY/MD
 Sample : M2947-04
 Misc : 6.97G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:06:35 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)

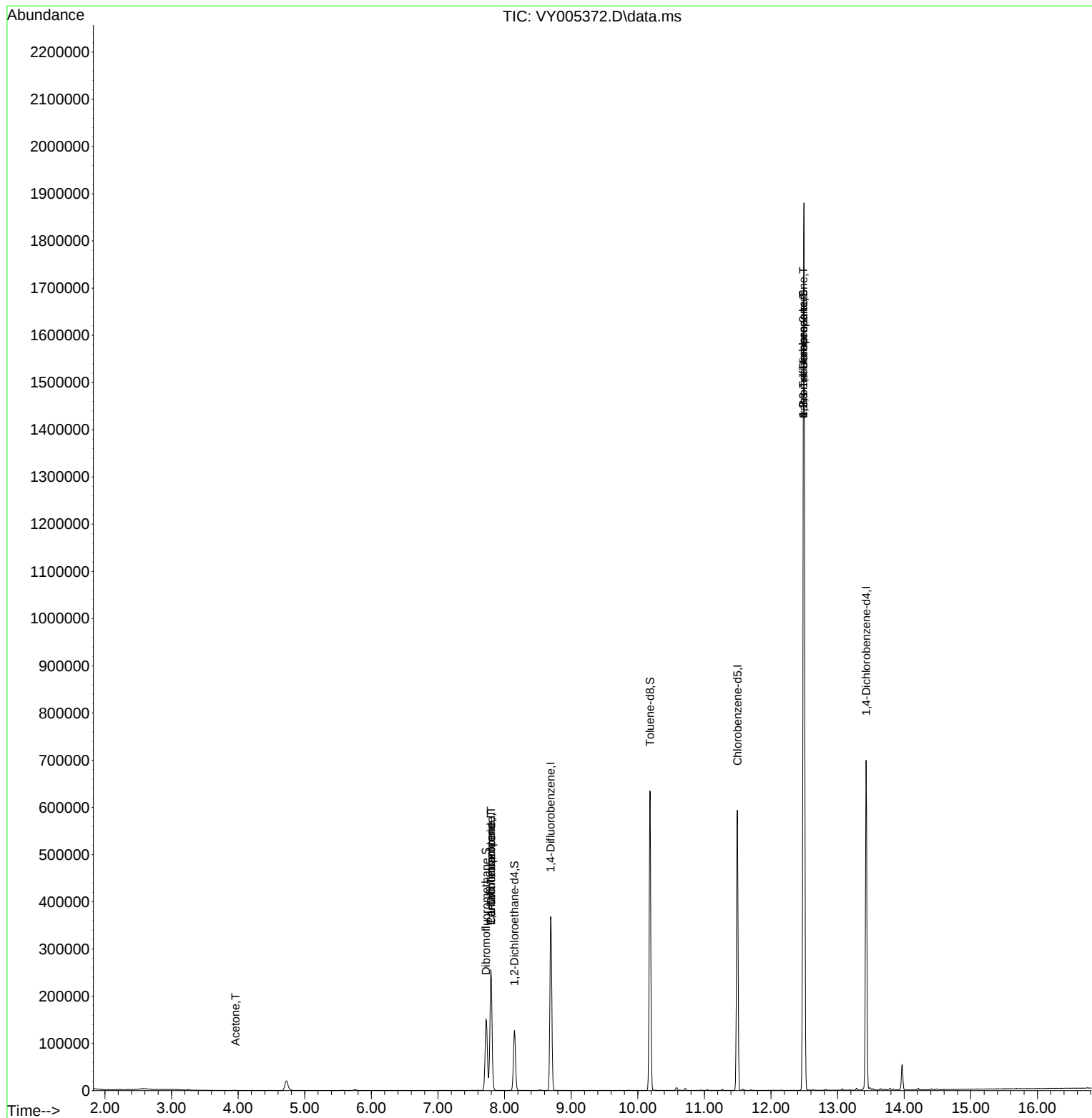
Internal Standards						
1) Pentafluorobenzene	7.795	168	235698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	365485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	375084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99345	50.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.580%	
35) Dibromofluoromethane	7.722	113	107927	50.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.140%	
50) Toluene-d8	10.185	98	434483	50.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.483	95	161413	56.195	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	581	Below Cal	#	77
16) Acetone	3.960	43	733	1.622	ug/l #	75
20) Methylene Chloride	4.729	84	19271	Below Cal	#	85
36) 1,1-Dichloropropene	7.795	75	11493	3.571	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18246	5.416	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	78574	43.077	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78574	80.371	ug/l #	19

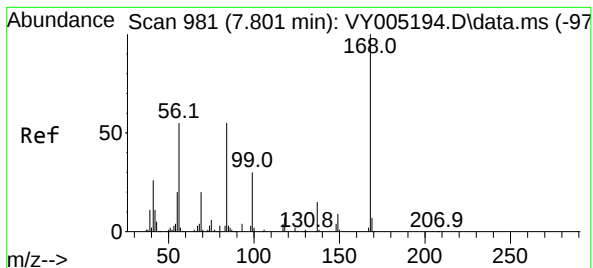
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY005372.D

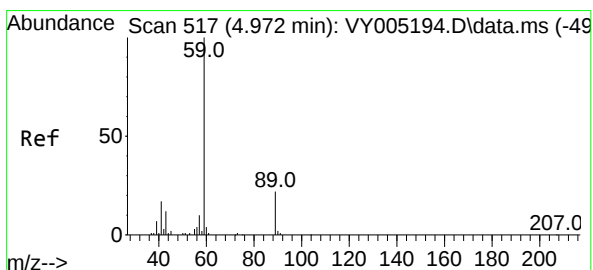
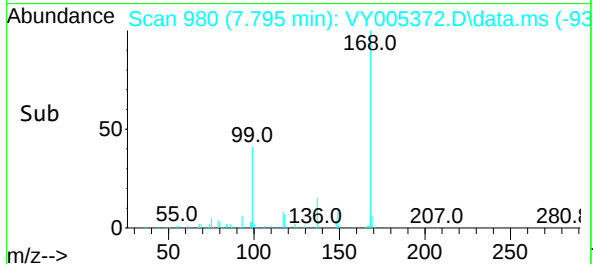
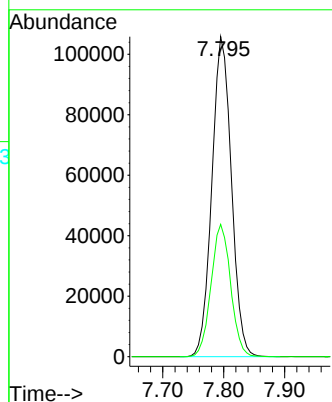
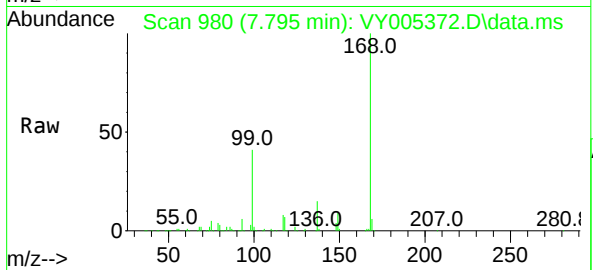
Acq: 07 Jul 2021 18:04

Tgt Ion:168 Resp: 235698

Ion Ratio Lower Upper

168 100

99 41.3 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: VY005372.D

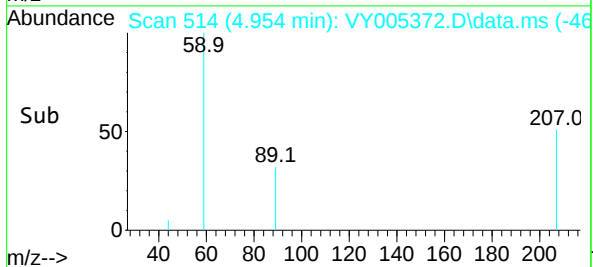
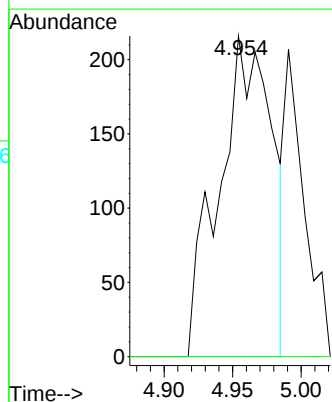
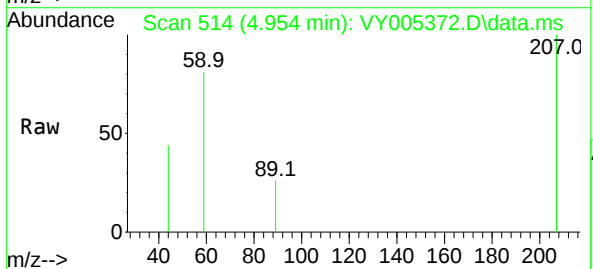
Acq: 07 Jul 2021 18:04

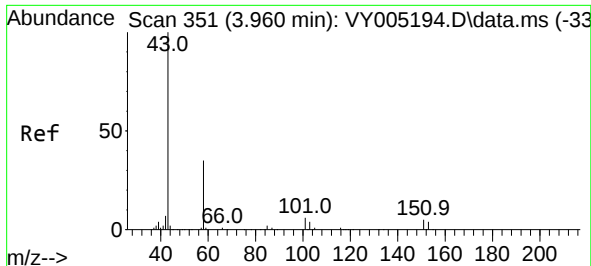
Tgt Ion: 59 Resp: 581

Ion Ratio Lower Upper

59 100

57 0.0 6.5 9.7#

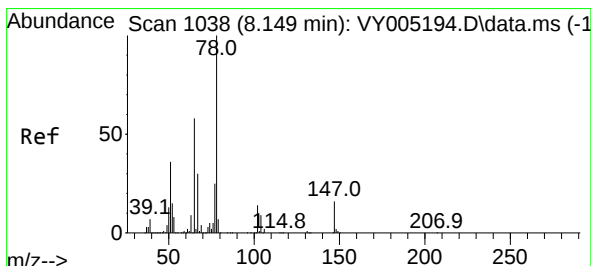
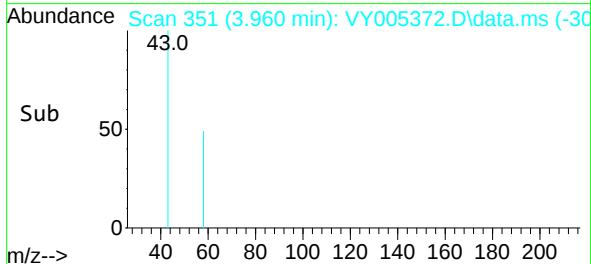
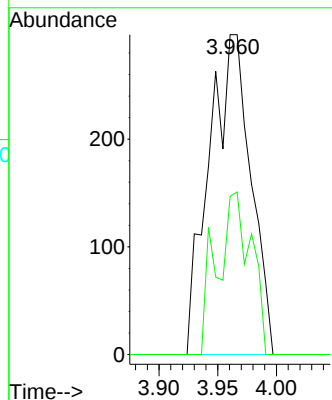
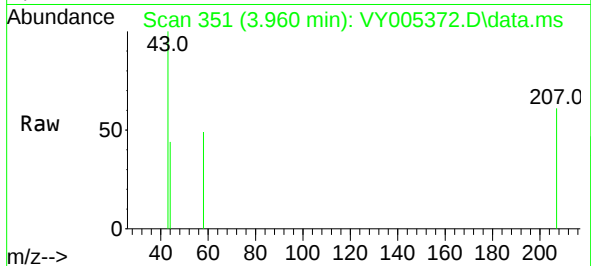




#16
Acetone
Concen: 1.622 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

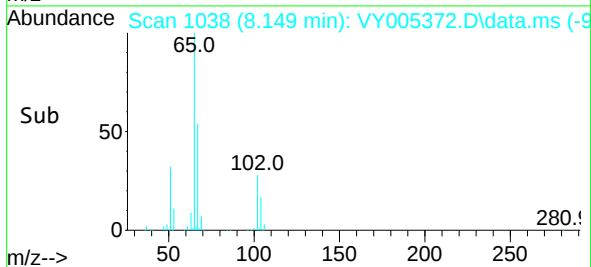
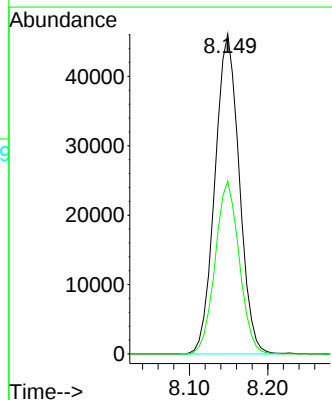
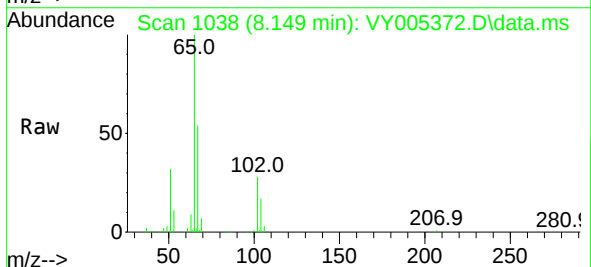
Instrument :
MSVOA_Y
ClientSampled :

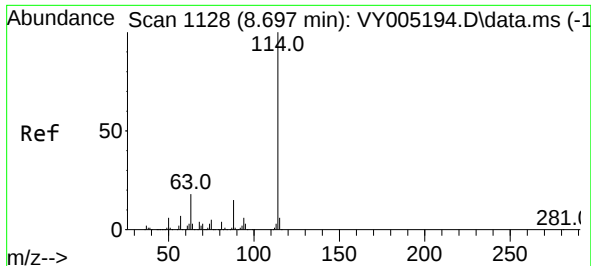
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 49.5 28.2 42.2#



#33
1,2-Dichloroethane-d4
Concen: 50.791 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

Tgt Ion: 65 Resp: 99345
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.6

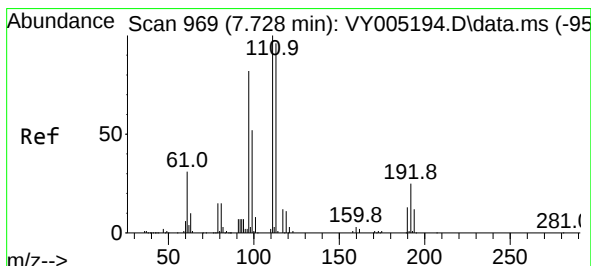
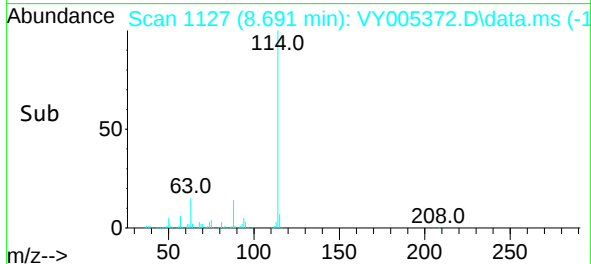
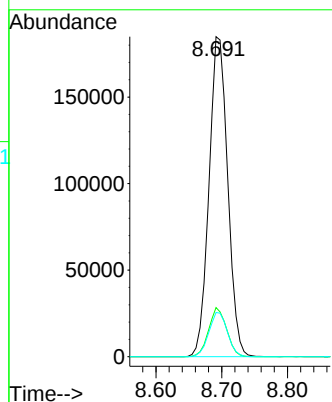
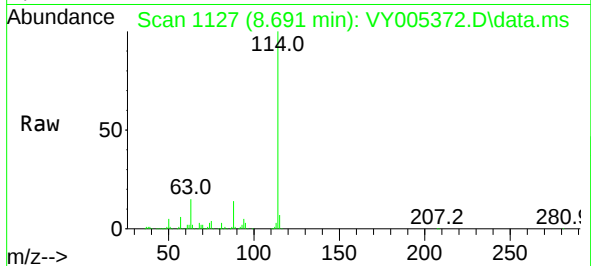




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

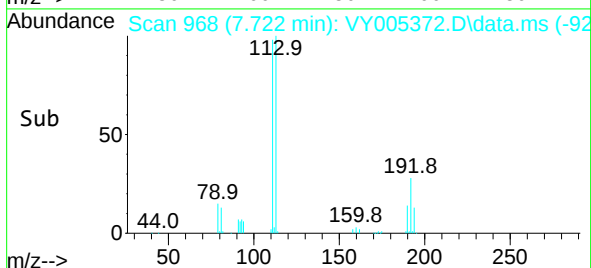
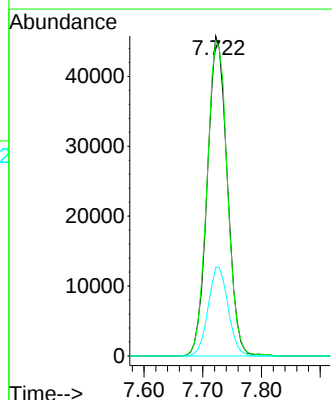
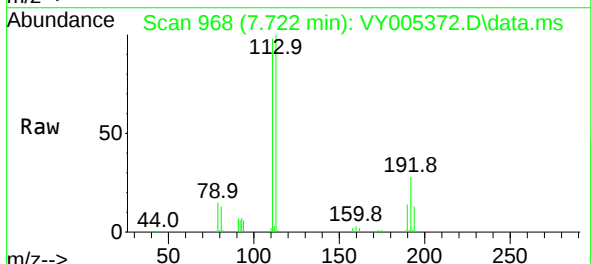
Instrument :
MSVOA_Y
ClientSampleId :

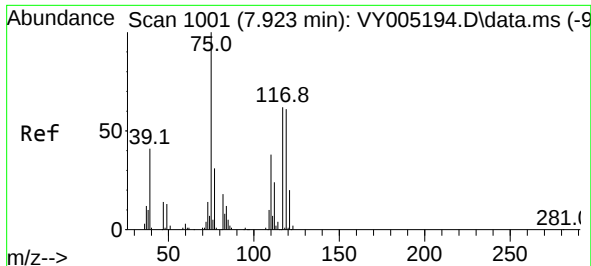
Tgt Ion:114 Resp: 365485
Ion Ratio Lower Upper
114 100
63 15.4 0.0 35.2
88 13.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 50.071 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

Tgt Ion:113 Resp: 107927
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 27.7 20.2 30.2

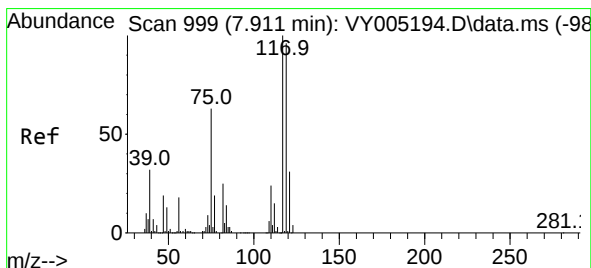
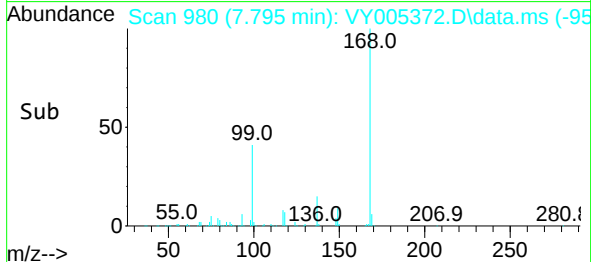
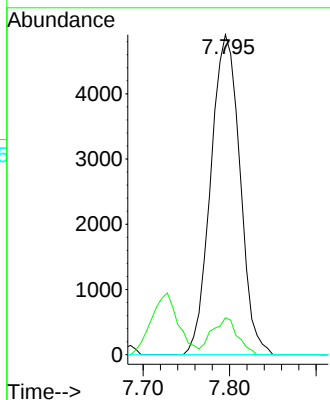
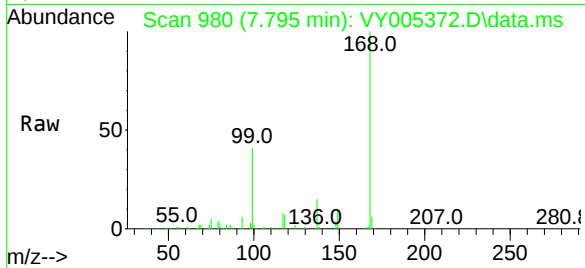




#36
1,1-Dichloropropene
Concen: 3.571 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

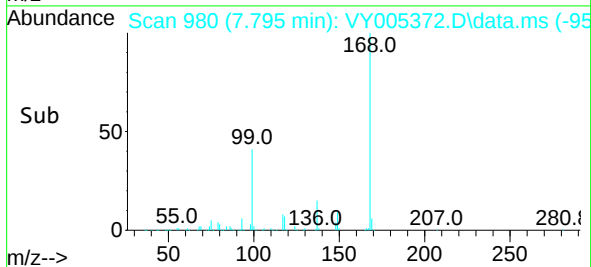
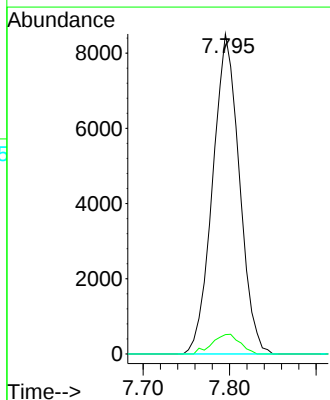
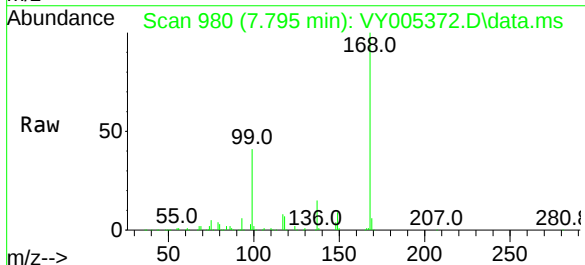
Instrument :
MSVOA_Y
ClientSampleId :

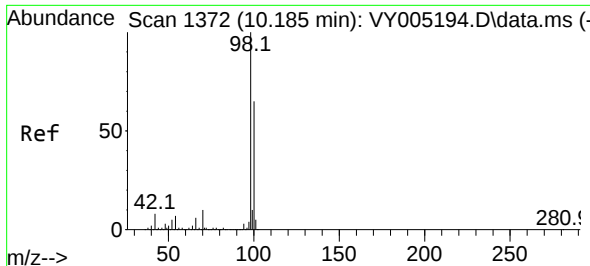
Tgt Ion: 75 Resp: 11493
Ion Ratio Lower Upper
75 100
110 10.1 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.416 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

Tgt Ion: 117 Resp: 18246
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.4#
121 0.0 24.7 37.1#

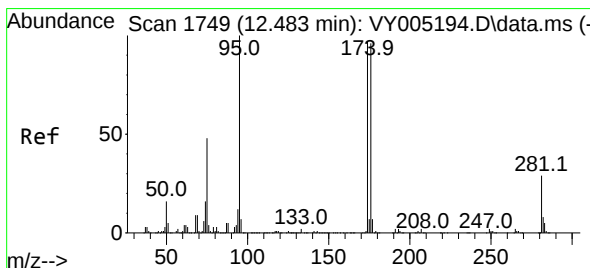
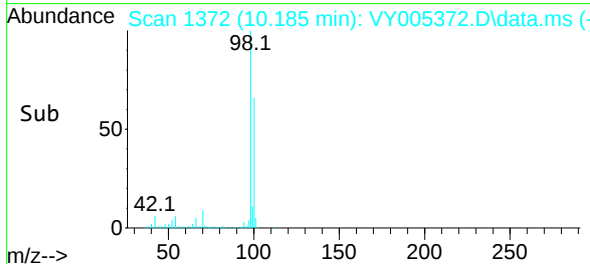
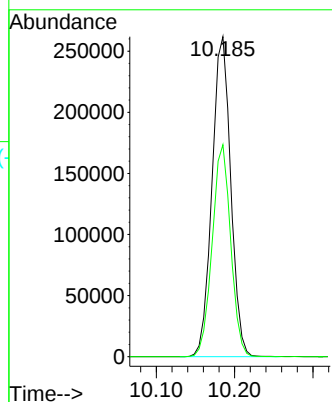
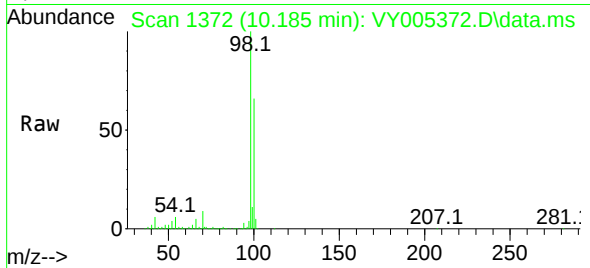




#50
Toluene-d8
Concen: 50.405 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

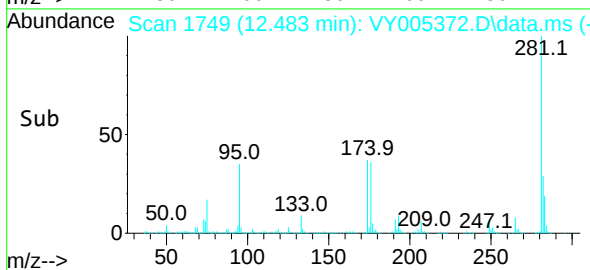
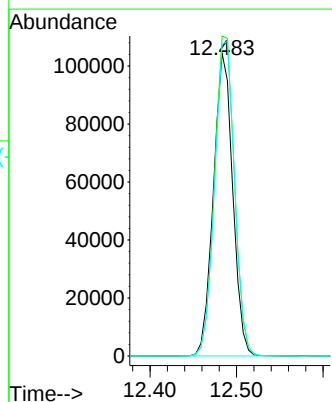
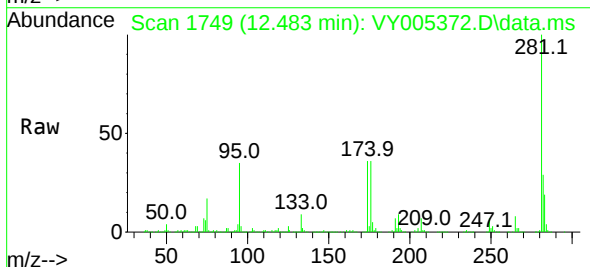
Instrument :
MSVOA_Y
ClientSampled :

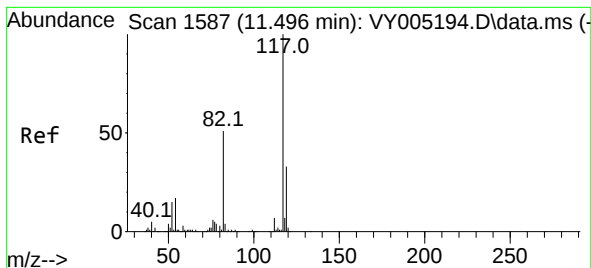
Tgt Ion: 98 Resp: 434483
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.195 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

Tgt Ion: 95 Resp: 161413
Ion Ratio Lower Upper
95 100
174 109.3 0.0 201.6
176 107.2 0.0 197.4

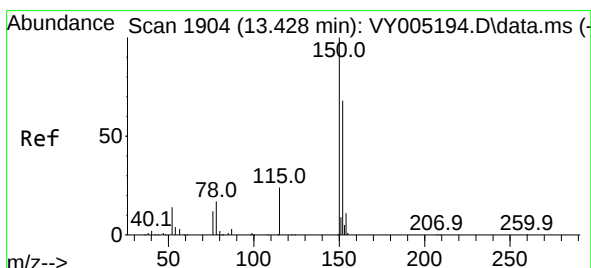
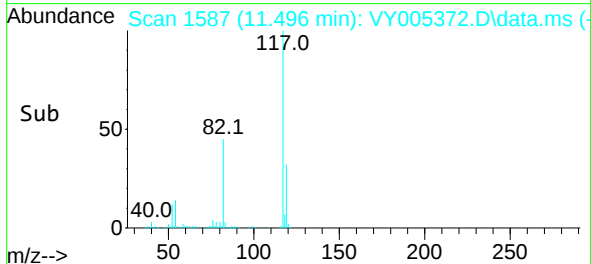
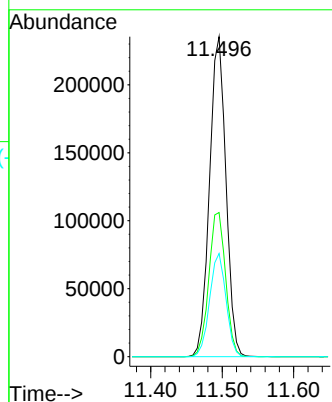
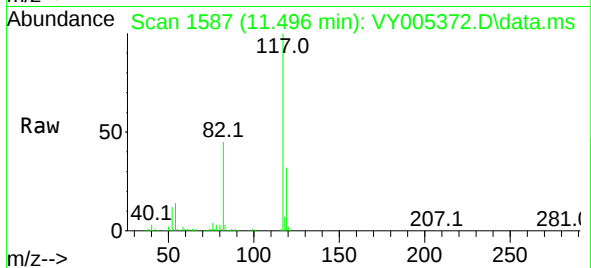




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

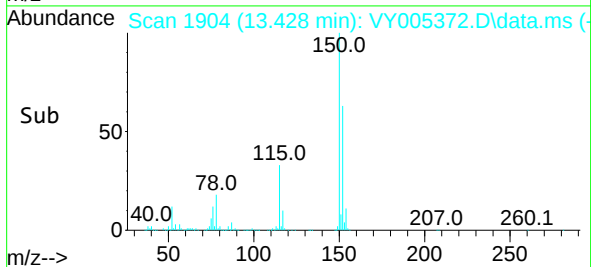
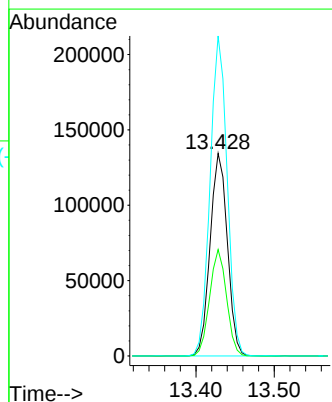
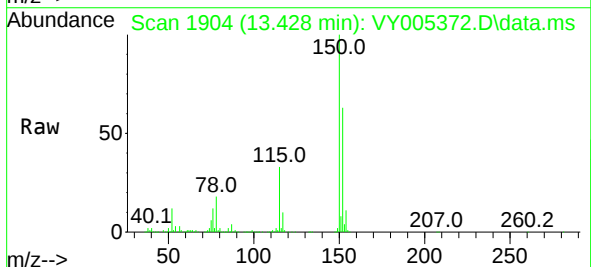
Instrument :
MSVOA_Y
ClientSampled :

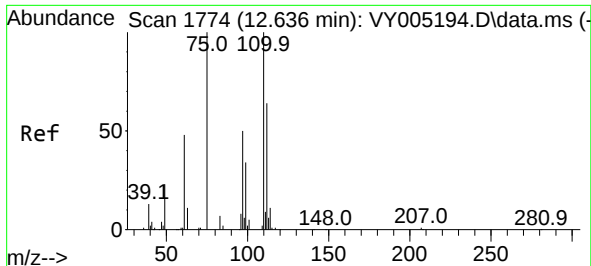
Tgt Ion:117 Resp: 375084
Ion Ratio Lower Upper
117 100
82 45.0 40.6 60.8
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

Tgt Ion:152 Resp: 205668
Ion Ratio Lower Upper
152 100
115 51.3 26.3 78.8
150 156.0 0.0 344.2

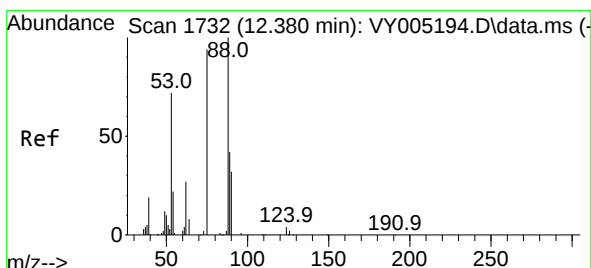
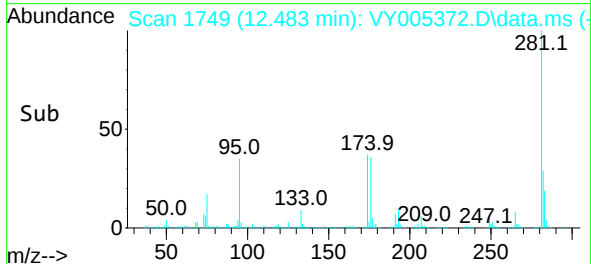
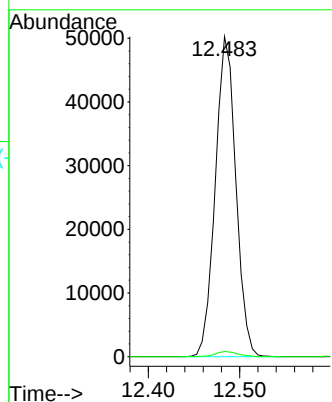
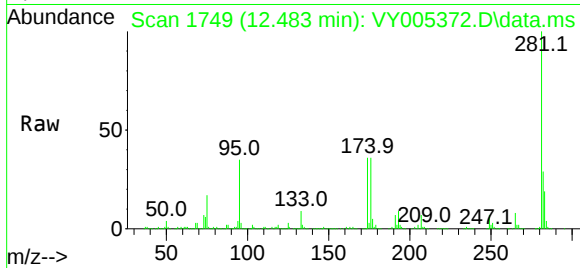




#76
1,2,3-Trichloropropane
Concen: 43.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 78574
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.371 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005372.D
Acq: 07 Jul 2021 18:04

Tgt Ion: 75 Resp: 78574
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 3.7 38.0 57.0#

