

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005988.D
 Acq On : 10 Sep 2021 17:16
 Operator : SY/MD
 Sample : M3684-18
 Misc : 5.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:22:46 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)

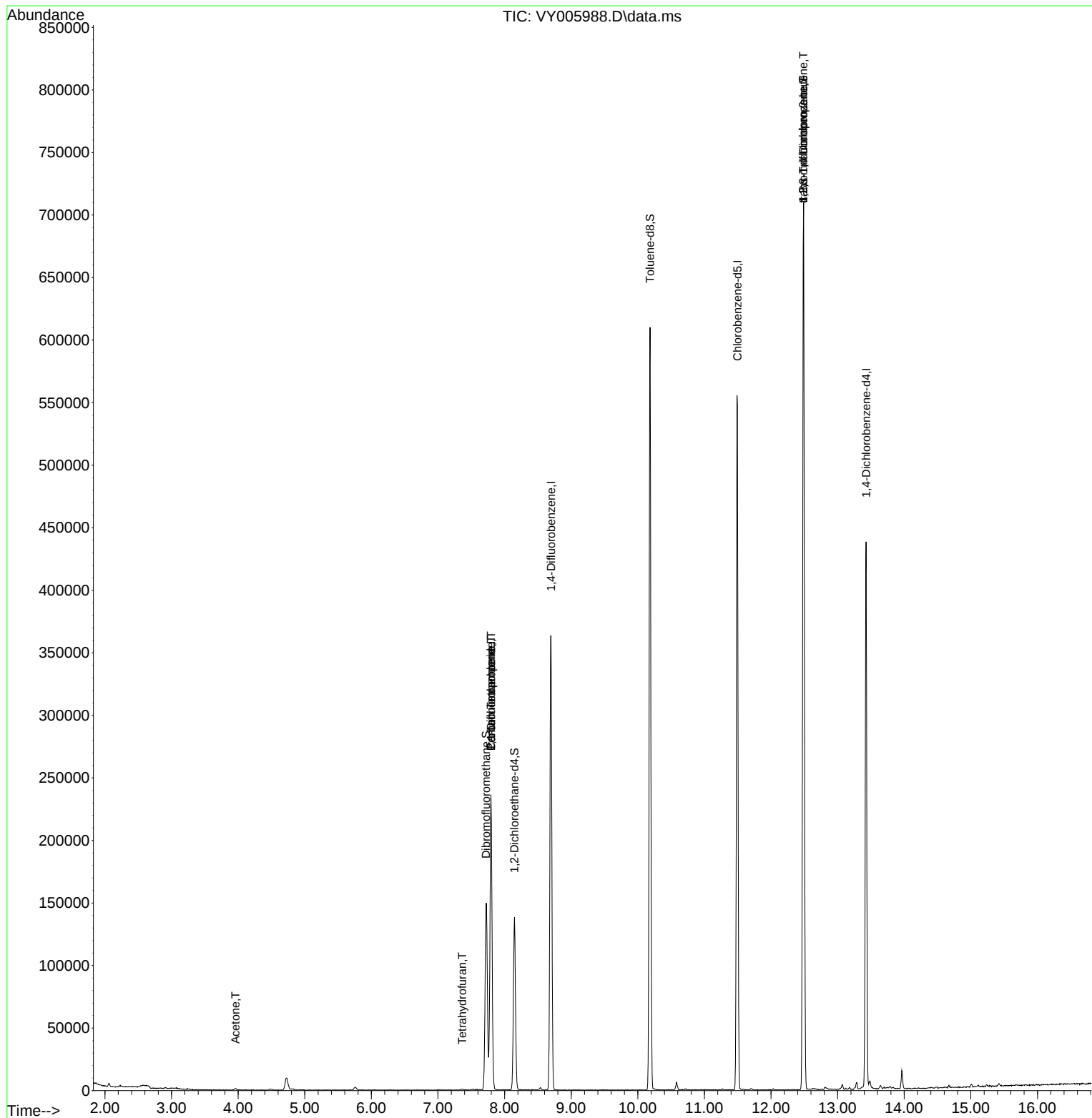
Internal Standards						
1) Pentafluorobenzene	7.795	168	195899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	318551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108646	55.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.080%	
35) Dibromofluoromethane	7.722	113	105778	56.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.080%	
50) Toluene-d8	10.185	98	411571	52.423	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.483	95	124735	47.316	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.640%	
Target Compounds						Qvalue
16) Acetone	3.960	43	2236	4.442	ug/l #	86
20) Methylene Chloride	4.722	84	8117	Below Cal		92
29) Tetrahydrofuran	7.362	42	514	1.116	ug/l	93
36) 1,1-Dichloropropene	7.795	75	12499	3.985	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16396	4.823	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	64203	57.544	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64203	109.436	ug/l #	14

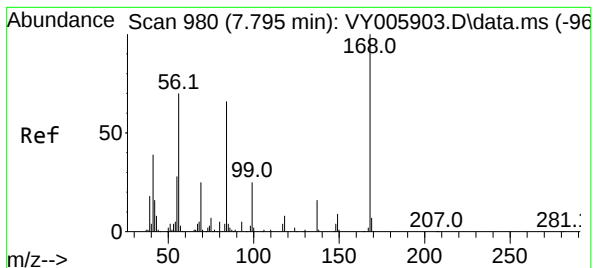
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 01 05:32:43 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005988.D

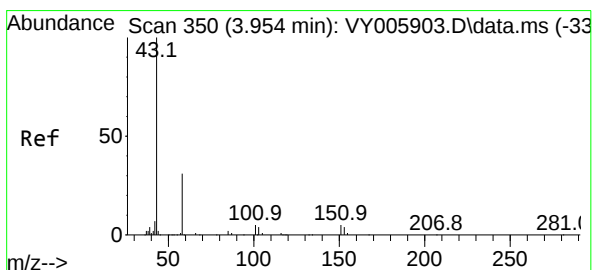
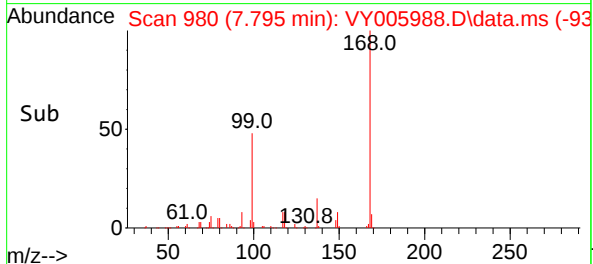
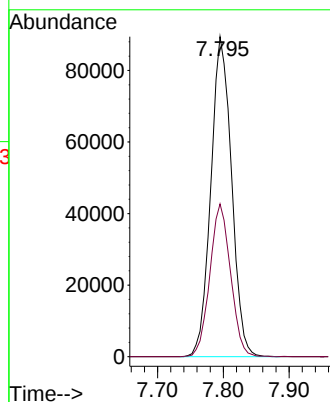
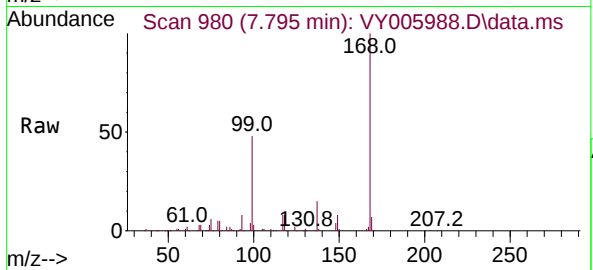
Acq: 10 Sep 2021 17:16

Tgt Ion:168 Resp: 195899

Ion Ratio Lower Upper

168 100

99 47.8 40.6 60.8



#16

Acetone

Concen: 4.442 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY005988.D

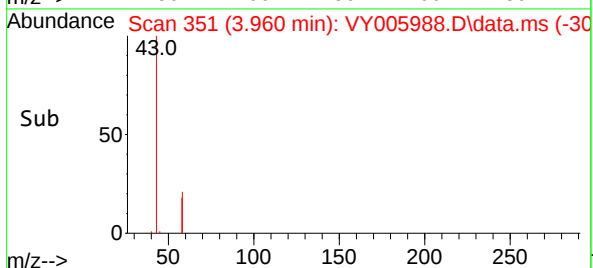
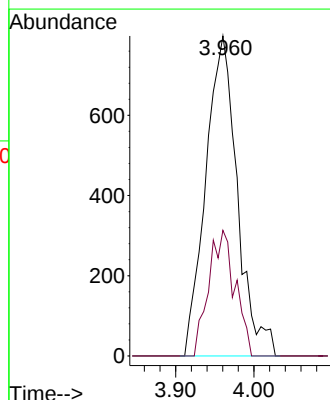
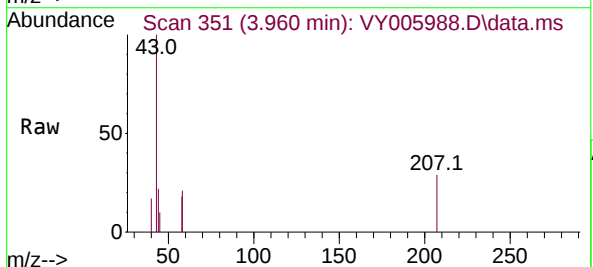
Acq: 10 Sep 2021 17:16

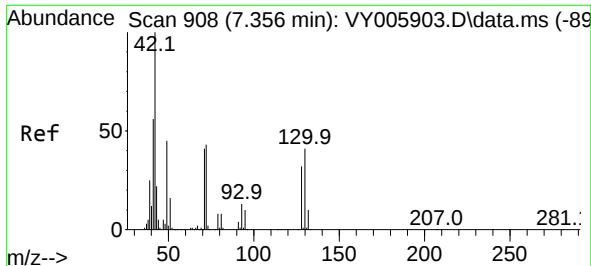
Tgt Ion: 43 Resp: 2236

Ion Ratio Lower Upper

43 100

58 39.2 25.1 37.7#





#29

Tetrahydrofuran

Concen: 1.116 ug/l

RT: 7.362 min Scan# 909

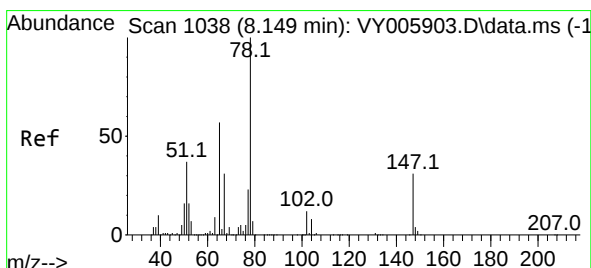
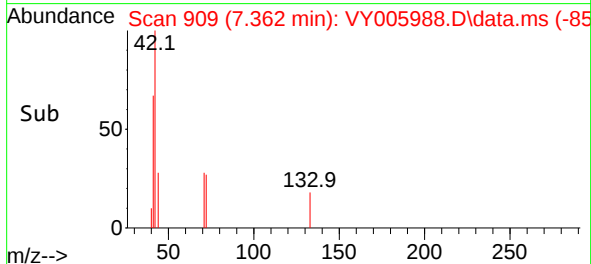
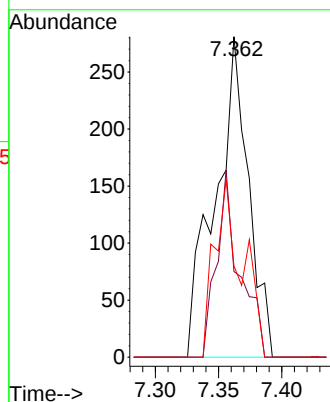
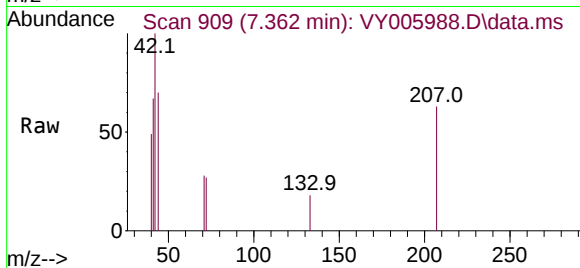
Delta R.T. 0.006 min

Lab File: VY005988.D

Acq: 10 Sep 2021 17:16

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 42	Resp: 514
Ion Ratio	Lower Upper
42	100
72	40.1 36.1 54.1
71	45.9 33.8 50.8



#33

1,2-Dichloroethane-d4

Concen: 55.035 ug/l

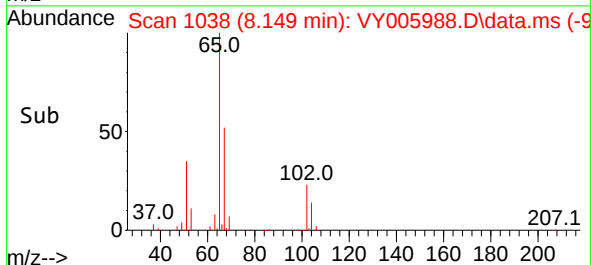
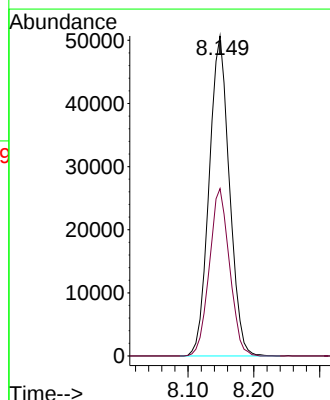
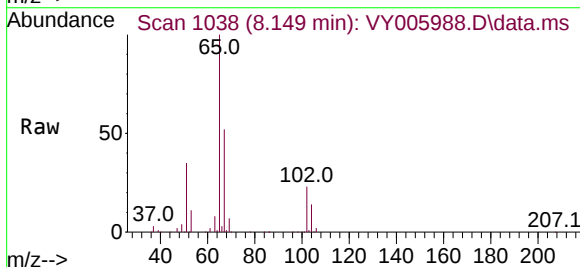
RT: 8.149 min Scan# 1038

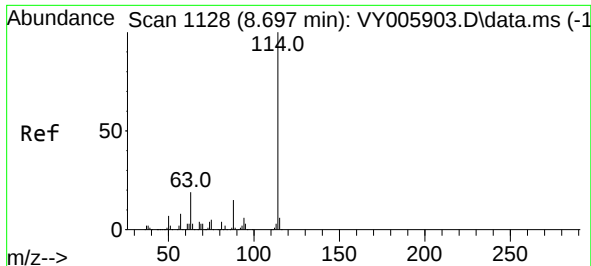
Delta R.T. -0.000 min

Lab File: VY005988.D

Acq: 10 Sep 2021 17:16

Tgt Ion: 65	Resp: 108646
Ion Ratio	Lower Upper
65	100
67	51.9 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: VY005988.D

Acq: 10 Sep 2021 17:16

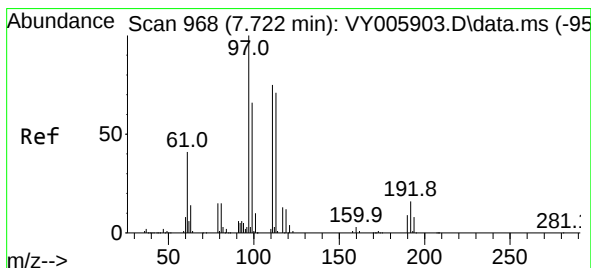
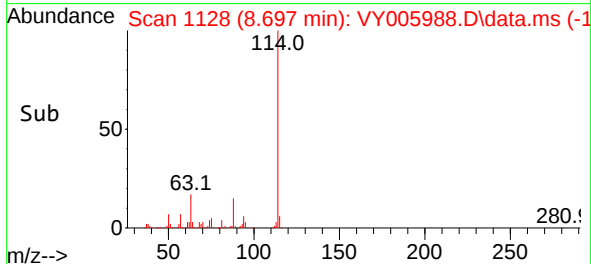
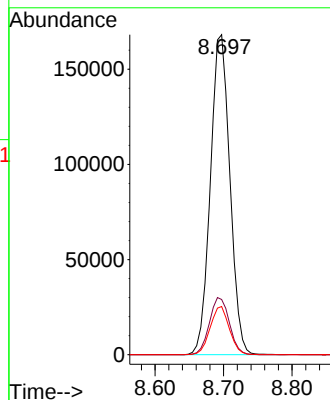
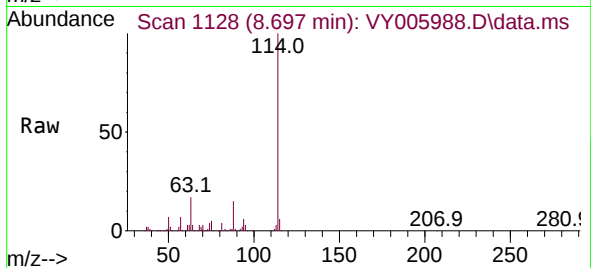
Tgt Ion:114 Resp: 333102

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.4

88 15.0 0.0 30.0



#35

Dibromofluoromethane

Concen: 56.545 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY005988.D

Acq: 10 Sep 2021 17:16

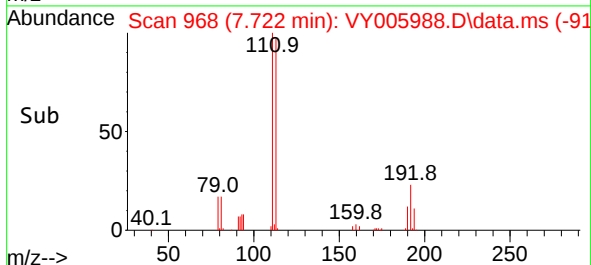
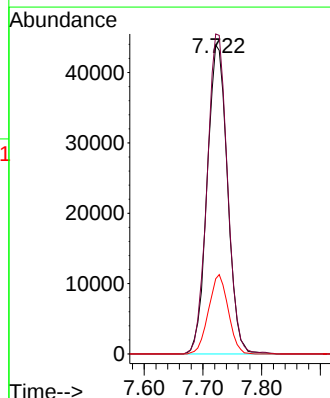
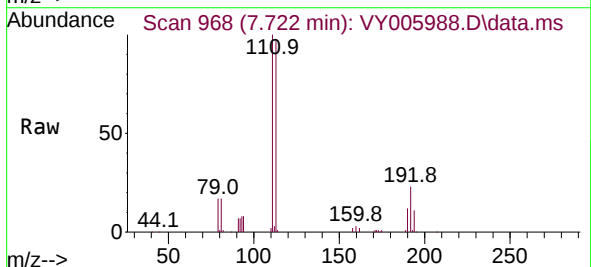
Tgt Ion:113 Resp: 105778

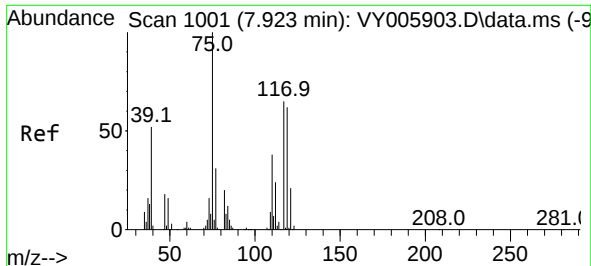
Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 24.7 19.4 29.0





#36

1,1-Dichloropropene

Concen: 3.985 ug/l

RT: 7.795 min Scan# 980

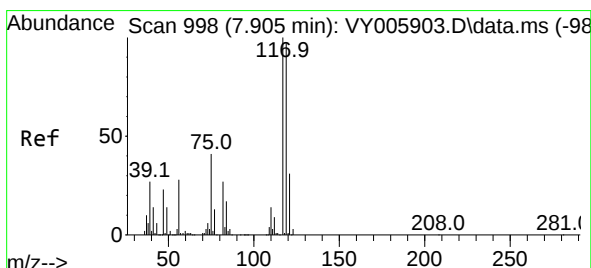
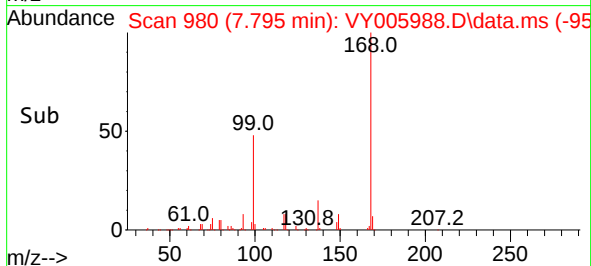
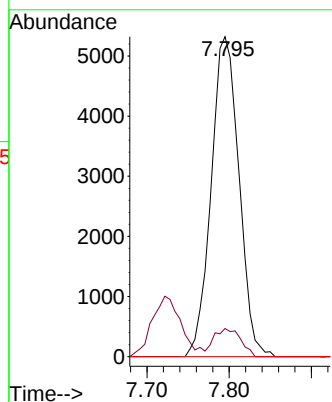
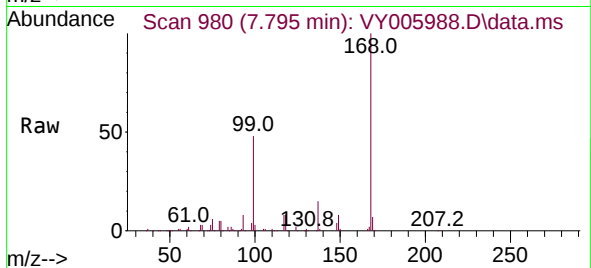
Delta R.T. -0.128 min

Lab File: VY005988.D

Acq: 10 Sep 2021 17:16

Tgt Ion:	75	Resp:	12499
Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.3#
77	0.0	24.9	37.3#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 4.823 ug/l

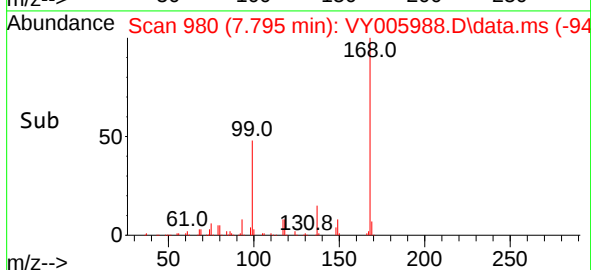
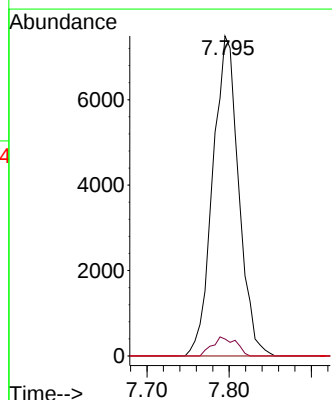
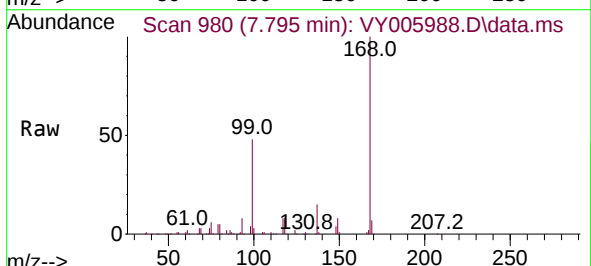
RT: 7.795 min Scan# 980

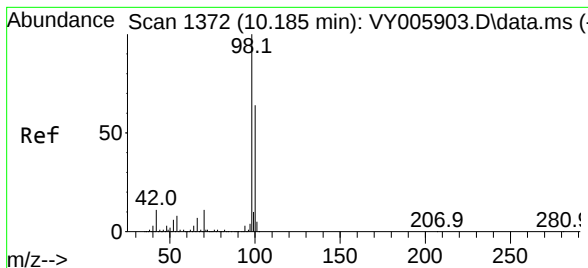
Delta R.T. -0.110 min

Lab File: VY005988.D

Acq: 10 Sep 2021 17:16

Tgt Ion:	117	Resp:	16396
Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.5	116.3#
121	0.0	25.0	37.6#

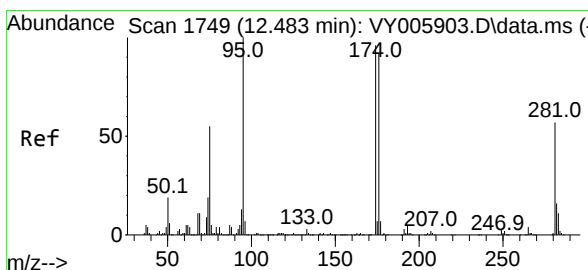
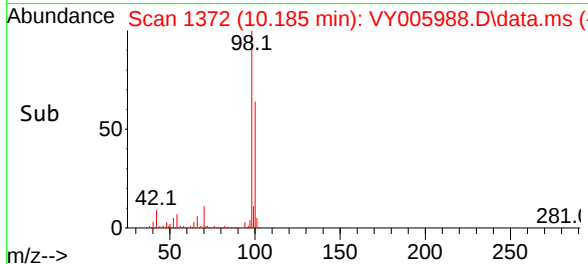
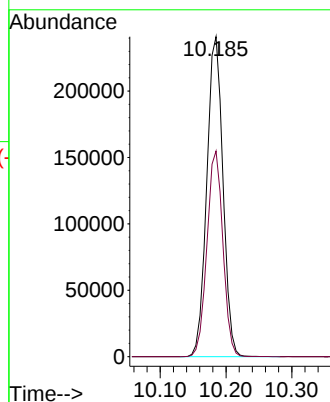
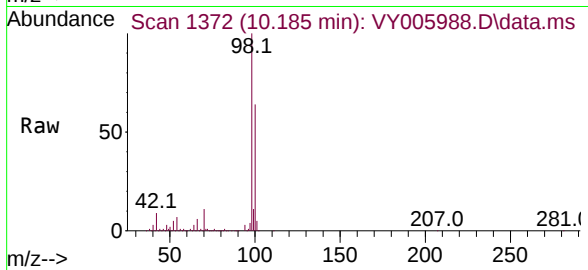




#50
Toluene-d8
Concen: 52.423 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005988.D
Acq: 10 Sep 2021 17:16

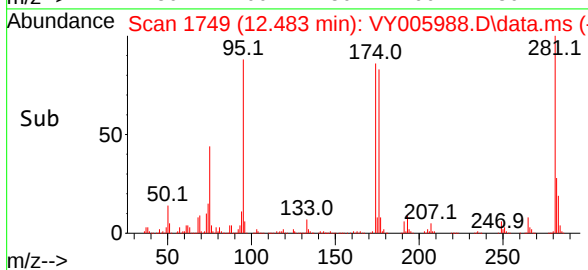
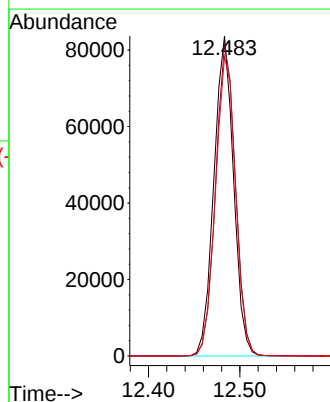
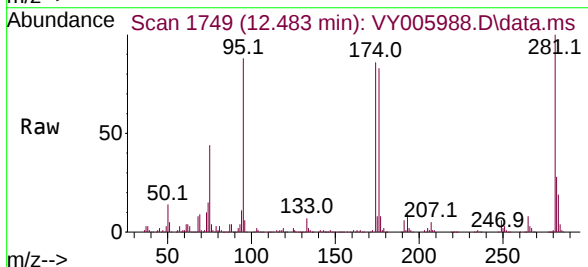
Instrument :
MSVOA_Y
ClientSampled :

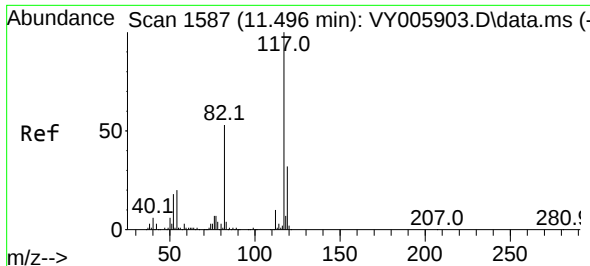
Tgt Ion: 98 Resp: 411571
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005988.D
Acq: 10 Sep 2021 17:16

Tgt Ion: 95 Resp: 124735
Ion Ratio Lower Upper
95 100
174 98.8 0.0 192.4
176 96.0 0.0 186.8

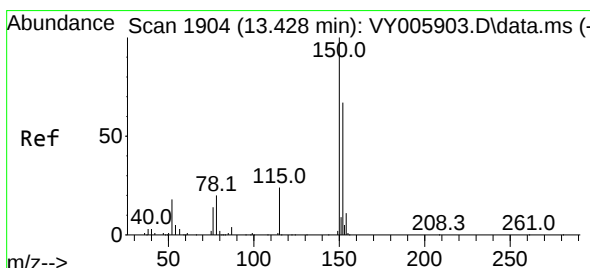
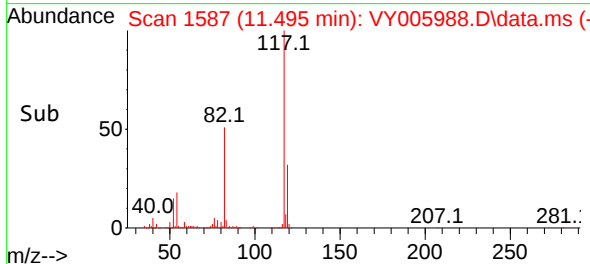
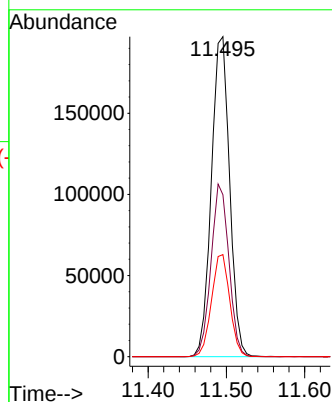
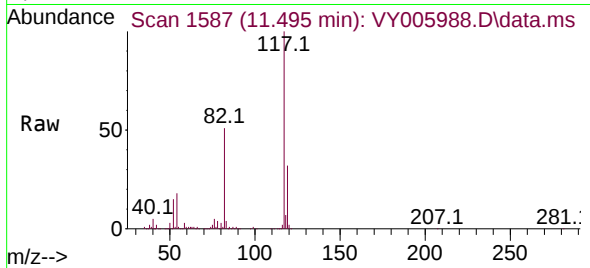




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005988.D
Acq: 10 Sep 2021 17:16

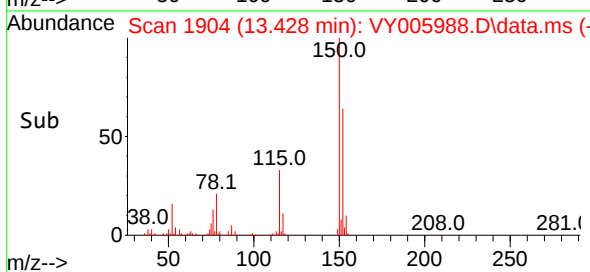
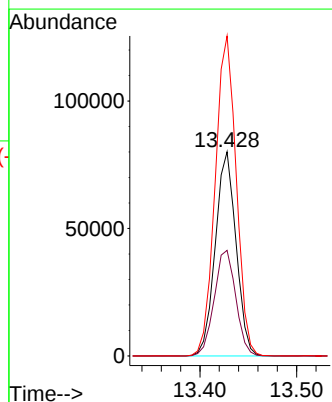
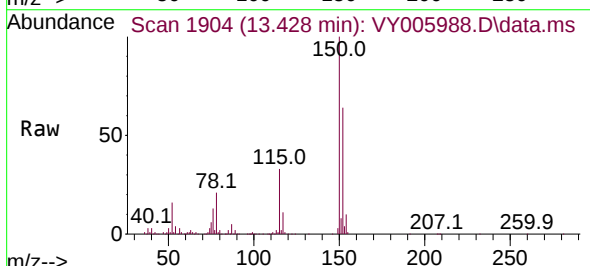
Instrument :
MSVOA_Y
ClientSampleId :

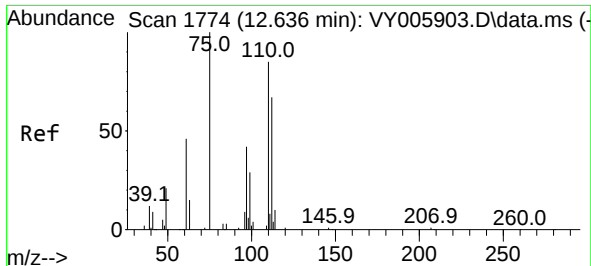
Tgt Ion:117 Resp: 318551
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005988.D
Acq: 10 Sep 2021 17:16

Tgt Ion:152 Resp: 119205
Ion Ratio Lower Upper
152 100
115 53.8 26.8 80.4
150 158.9 0.0 345.6

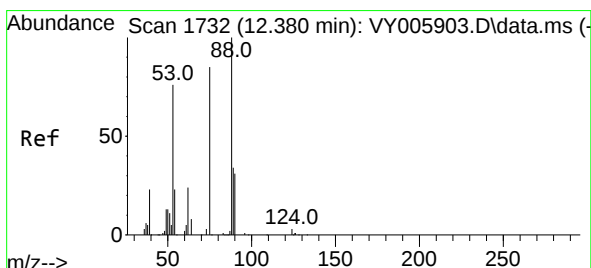
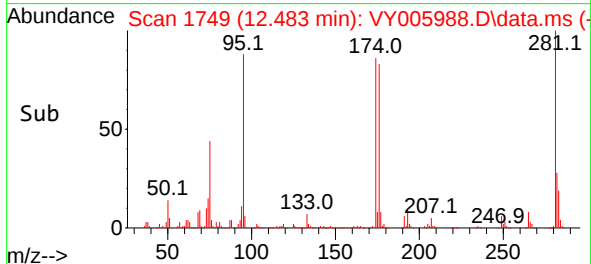
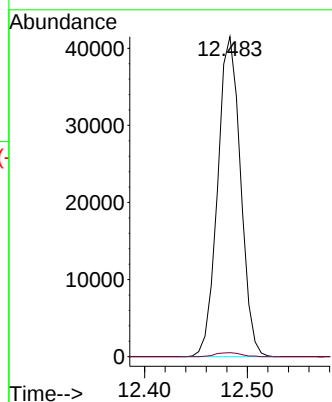
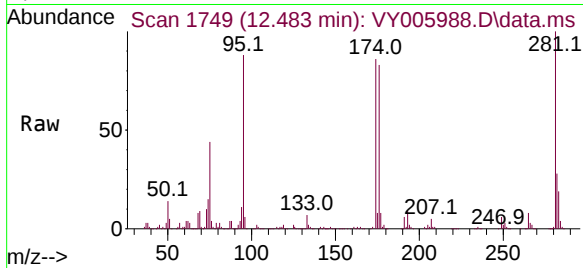




#76
1,2,3-Trichloropropane
Concen: 57.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005988.D
Acq: 10 Sep 2021 17:16

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 64203
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.436 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005988.D
Acq: 10 Sep 2021 17:16

Tgt Ion: 75 Resp: 64203
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 1.1 35.8 53.6#

