

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006366.D
 Acq On : 08 Oct 2021 19:42
 Operator : SY/MD
 Sample : M4135-03
 Misc : 6.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 03:21:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

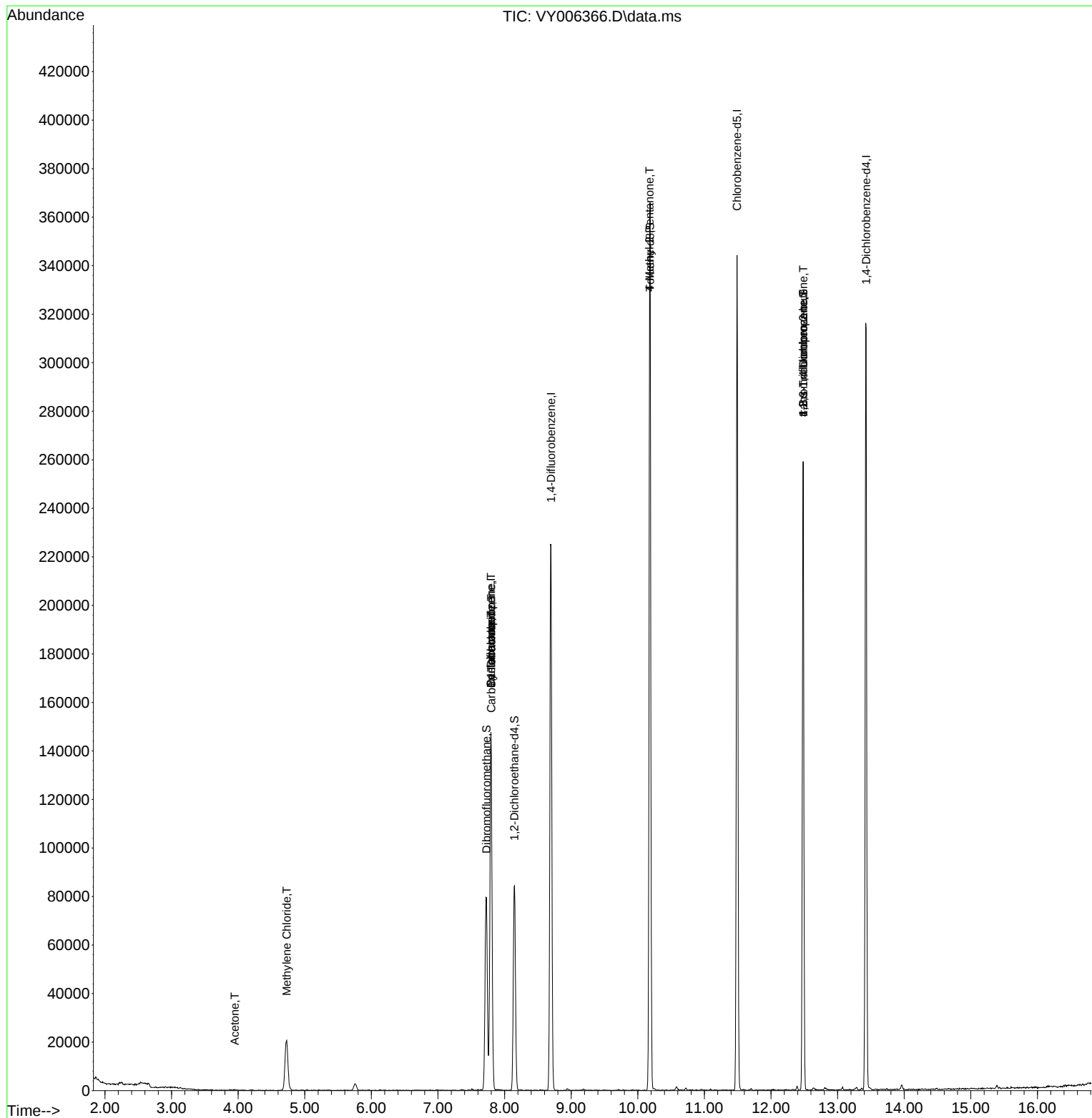
Internal Standards						
1) Pentafluorobenzene	7.795	168	111941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	71925	60.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.060%	
35) Dibromofluoromethane	7.728	113	54869	55.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.760%	
50) Toluene-d8	10.185	98	232761	56.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.260%	
62) 4-Bromofluorobenzene	12.483	95	70305	49.911	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.820%	
Target Compounds						Qvalue
16) Acetone	3.948	43	473	1.414	ug/l #	47
20) Methylene Chloride	4.728	84	15242	10.236	ug/l	93
31) Cyclohexane	7.795	56	2800	1.234	ug/l #	45
36) 1,1-Dichloropropene	7.795	75	8845	4.794	ug/l #	51
38) Carbon Tetrachloride	7.801	117	10810	5.548	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1169	1.092	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	41343	53.977	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41343	106.073	ug/l #	7

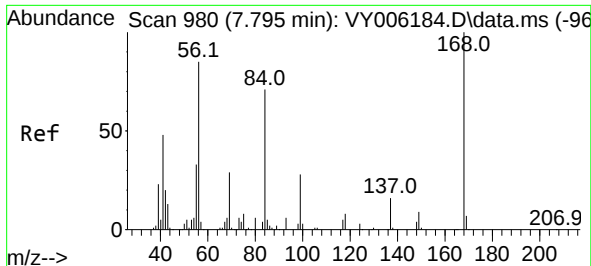
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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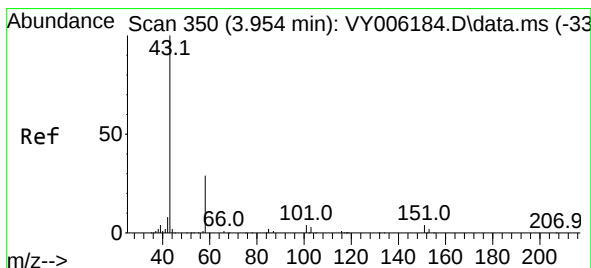
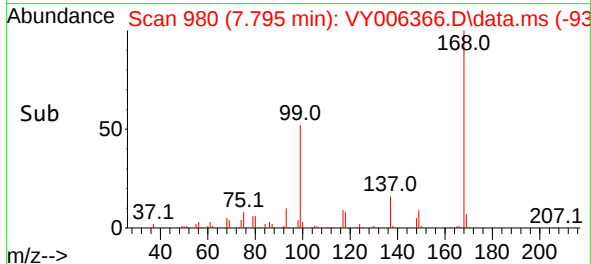
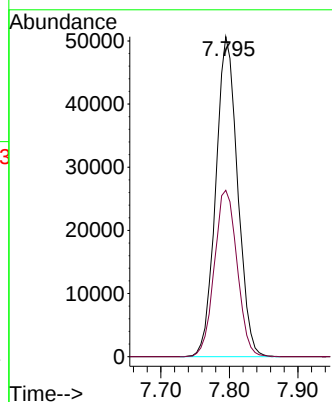
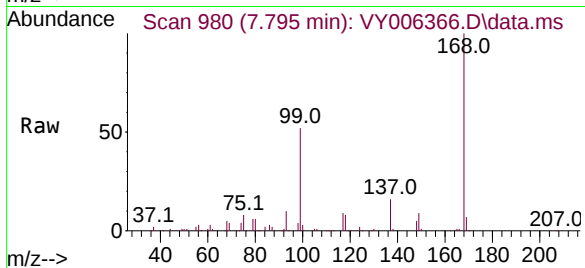




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

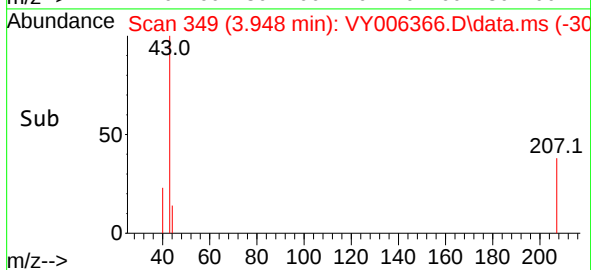
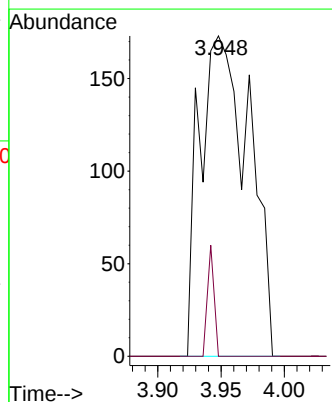
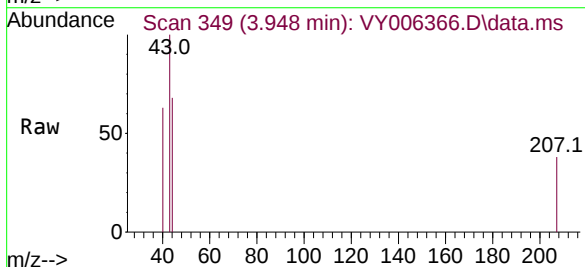
Instrument :
MSVOA_Y
ClientSampled :

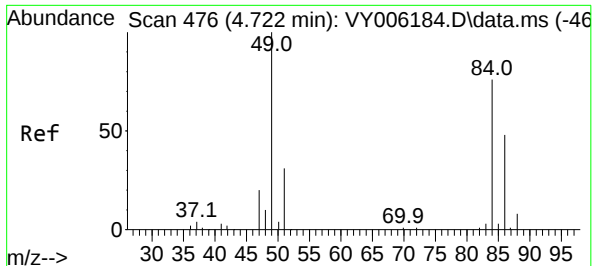
Tgt Ion:168 Resp: 111941
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#16
Acetone
Concen: 1.414 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: 10.236 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY006366.D

Acq: 08 Oct 2021 19:42

Tgt Ion: 84 Resp: 15242

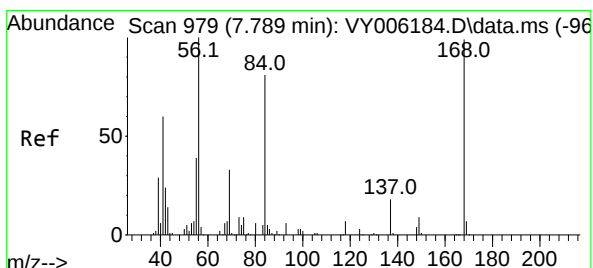
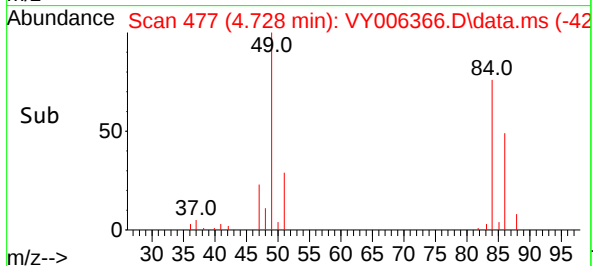
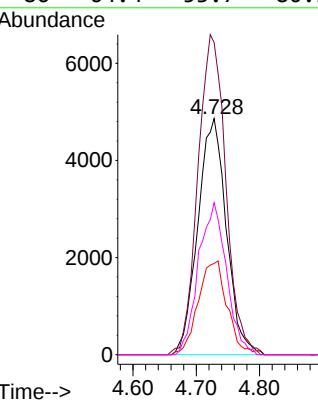
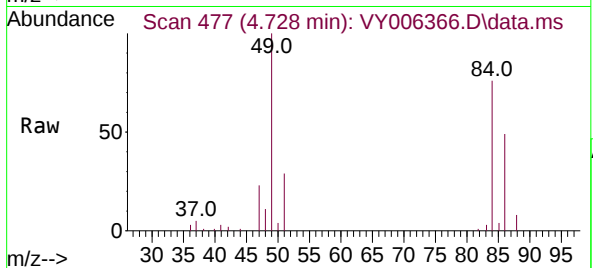
Ion Ratio Lower Upper

84 100

49 132.1 114.4 171.6

51 38.6 35.3 52.9

86 64.4 53.7 80.5



#31

Cyclohexane

Concen: 1.234 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006366.D

Acq: 08 Oct 2021 19:42

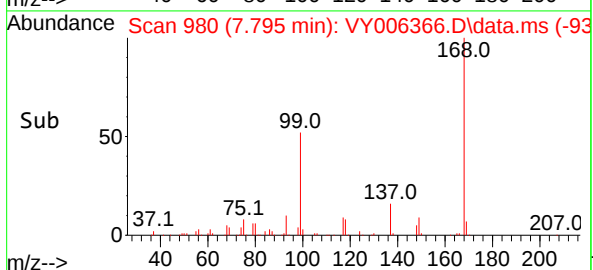
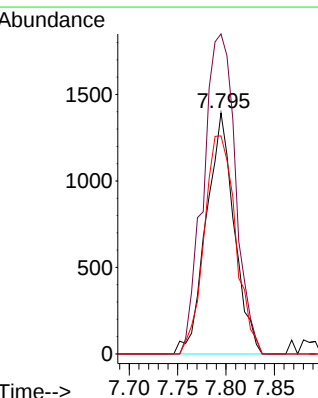
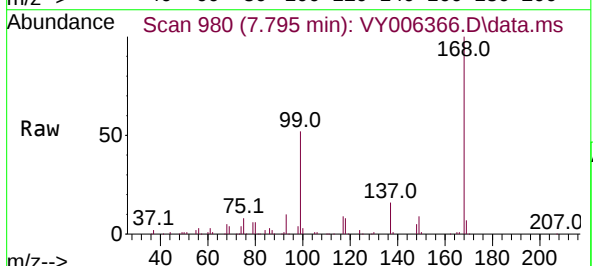
Tgt Ion: 56 Resp: 2800

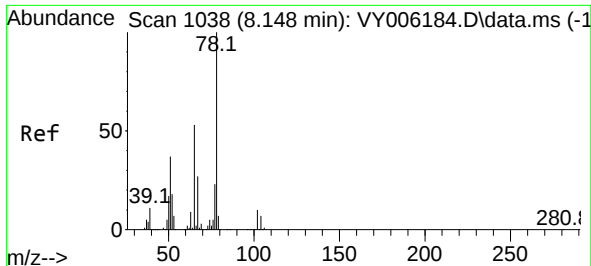
Ion Ratio Lower Upper

56 100

69 132.8 26.7 40.1#

84 90.5 67.2 100.8

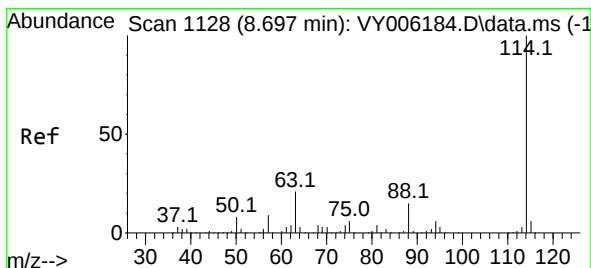
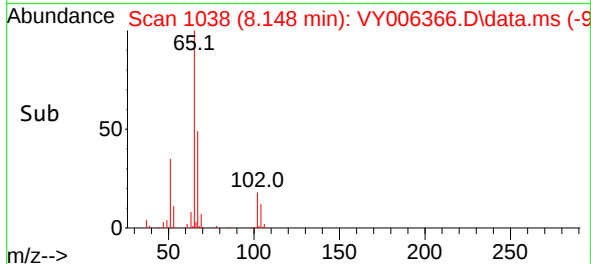
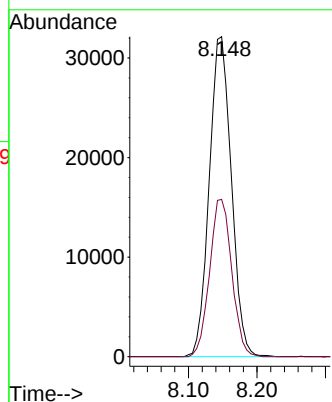
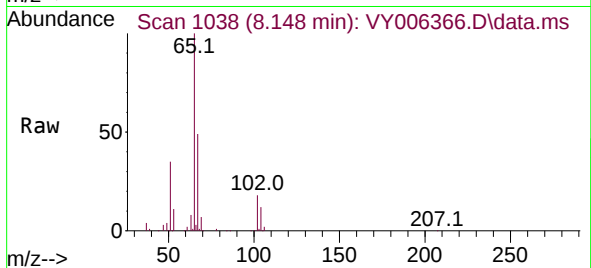




#33
1,2-Dichloroethane-d4
Concen: 60.033 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

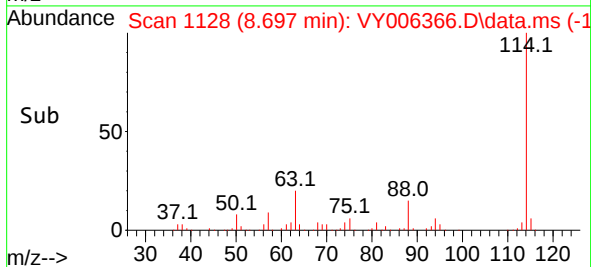
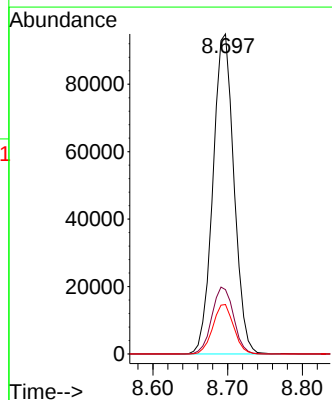
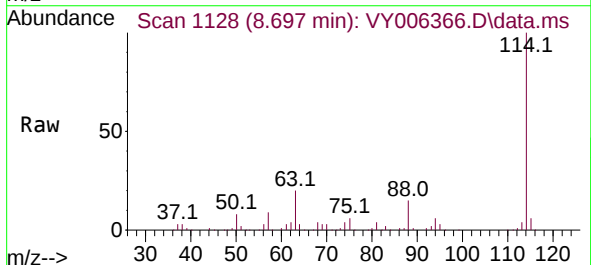
Instrument :
MSVOA_Y
ClientSampled :

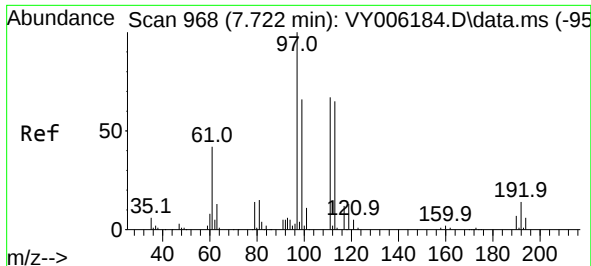
Tgt Ion: 65 Resp: 71925
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

Tgt Ion: 114 Resp: 185444
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 15.5 0.0 31.8

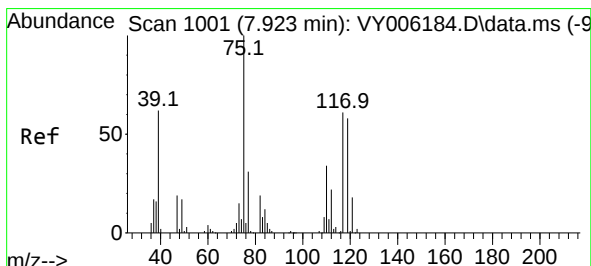
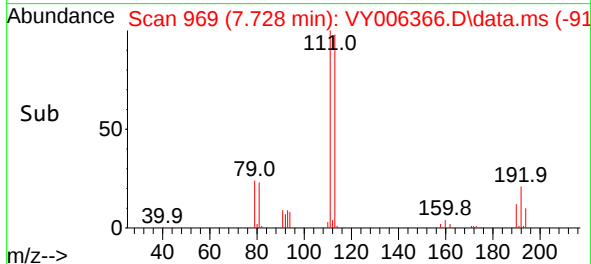
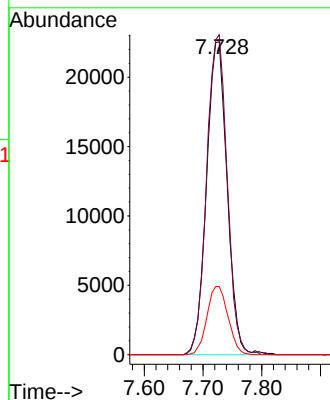
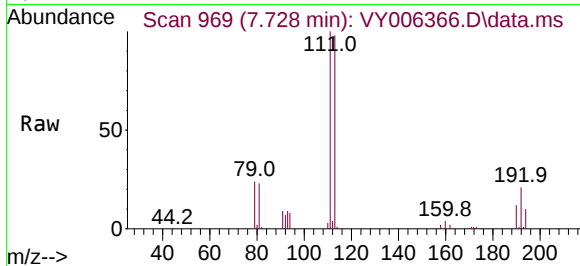




#35
Dibromofluoromethane
Concen: 55.381 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

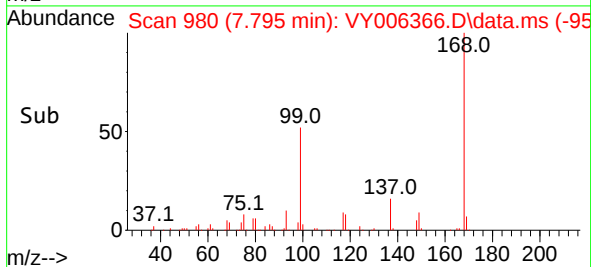
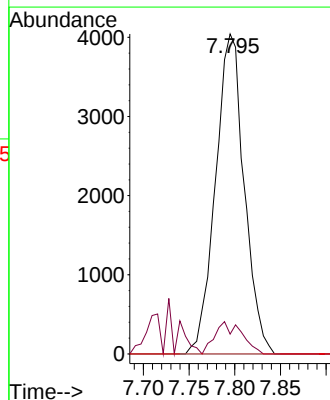
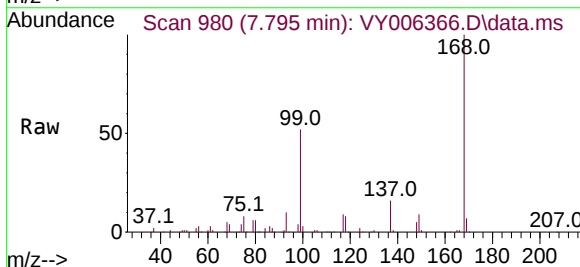
Instrument :
MSVOA_Y
ClientSampleId :

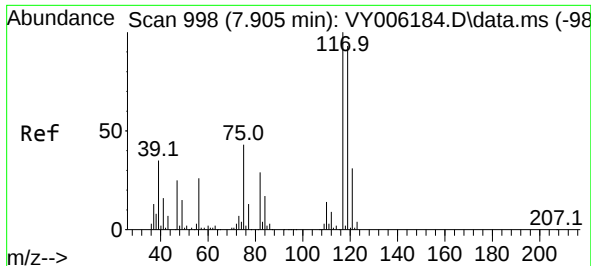
Tgt Ion:113 Resp: 54869
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 22.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

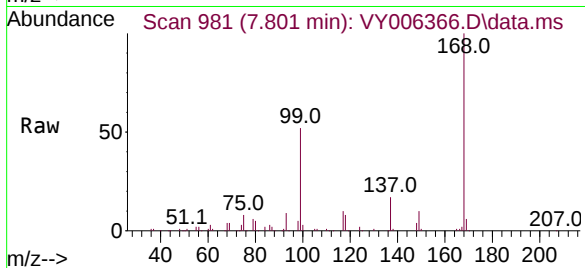
Tgt Ion: 75 Resp: 8845
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



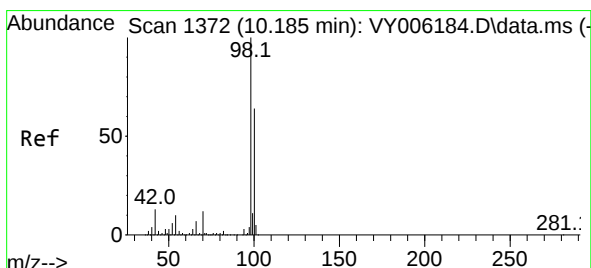
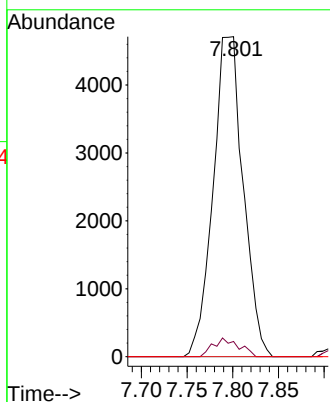
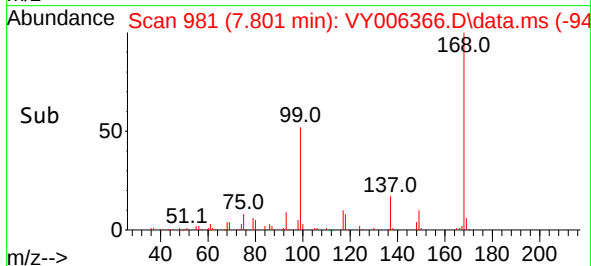


#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

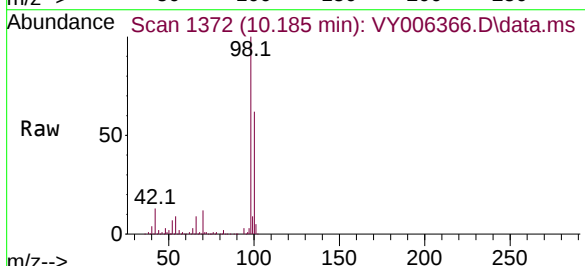
Instrument :
MSVOA_Y
ClientSampled :



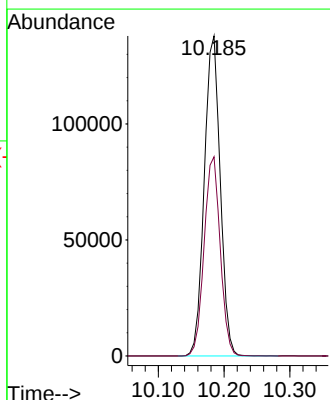
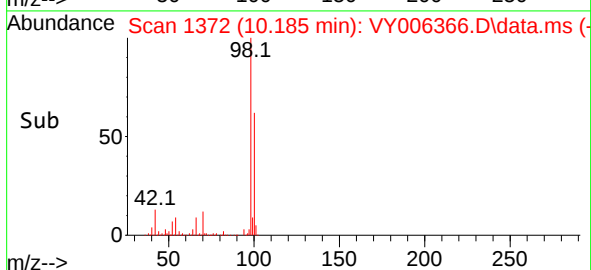
Tgt Ion:117 Resp: 10810
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

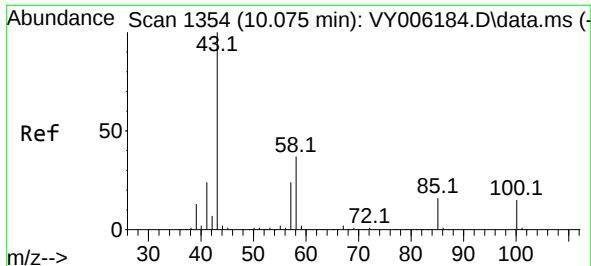


#50
Toluene-d8
Concen: 56.135 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42



Tgt Ion: 98 Resp: 232761
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2

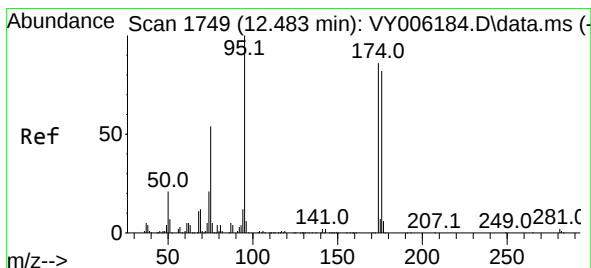
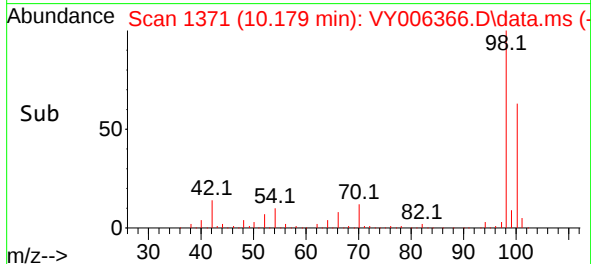
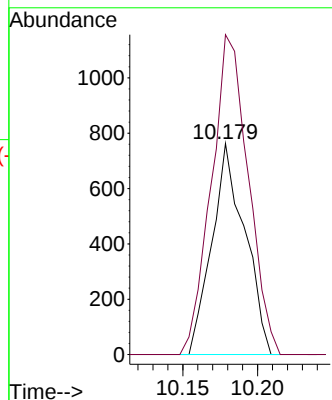
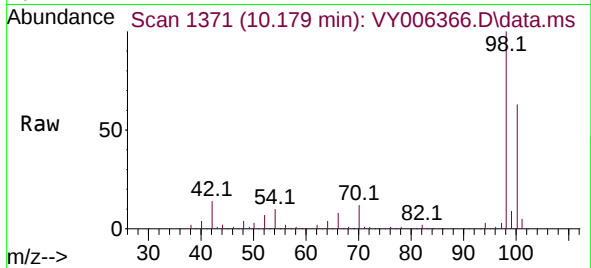




#51
4-Methyl-2-Pentanone
Concen: 1.092 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

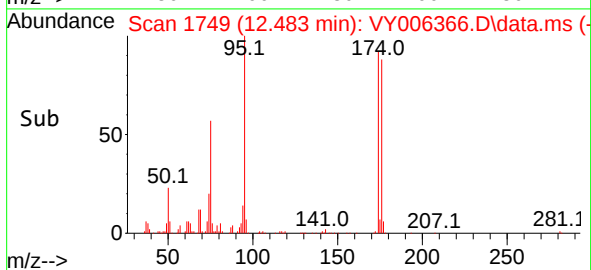
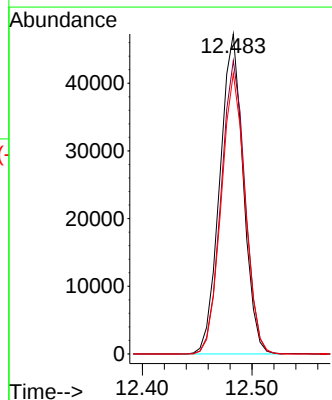
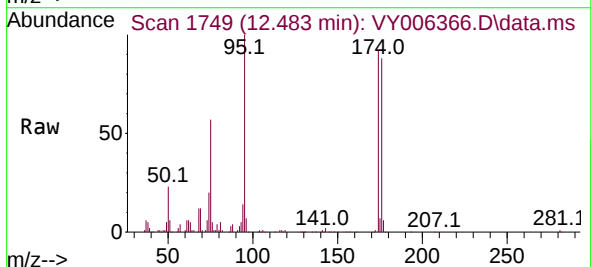
Instrument :
MSVOA_Y
ClientSampled :

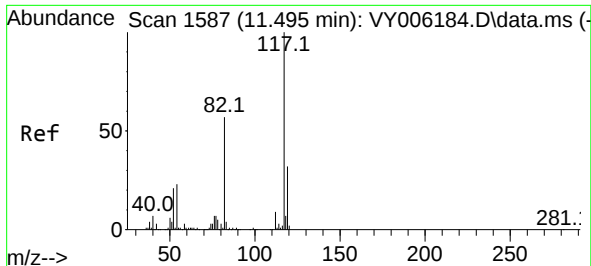
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 169.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 49.911 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

Tgt Ion: 95 Resp: 70305
Ion Ratio Lower Upper
95 100
174 93.5 0.0 177.0
176 89.0 0.0 175.8

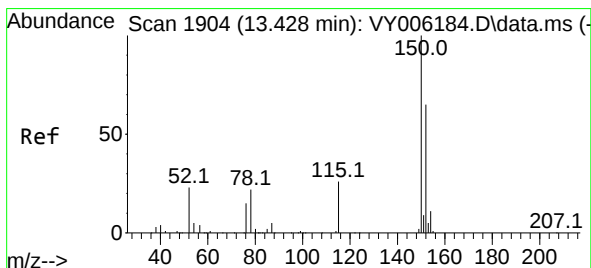
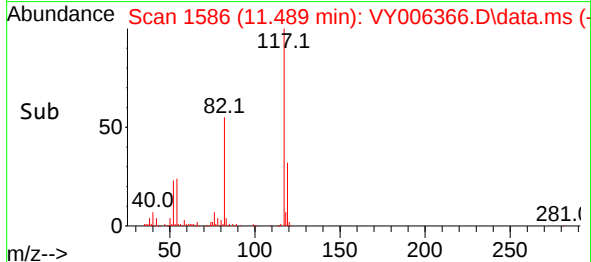
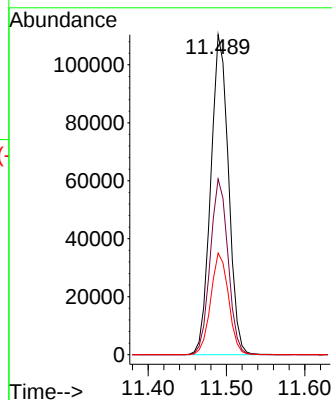
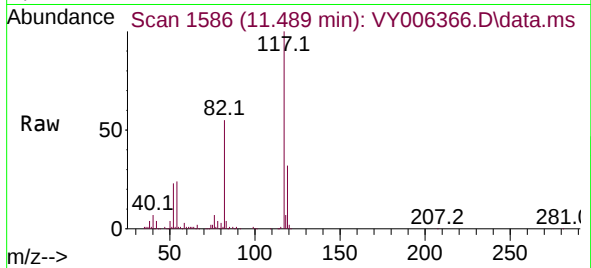




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

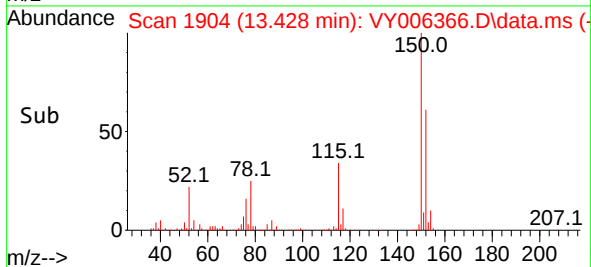
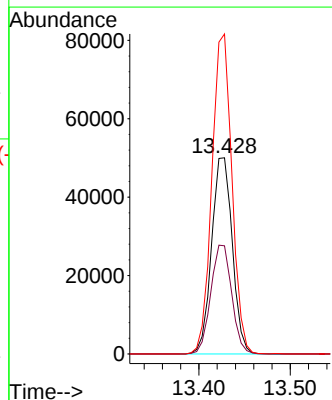
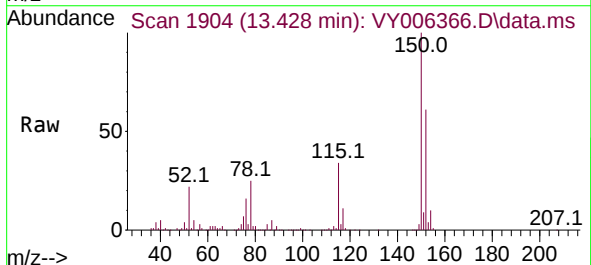
Instrument :
MSVOA_Y
ClientSampleId :

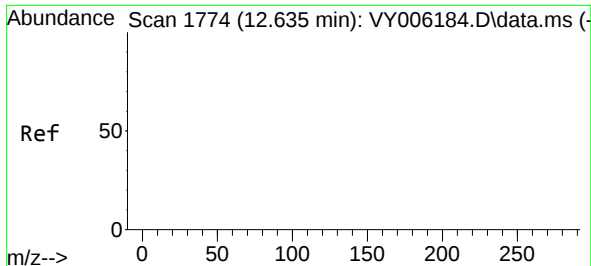
Tgt Ion:117 Resp: 173598
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

Tgt Ion:152 Resp: 78804
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 157.6 0.0 347.6

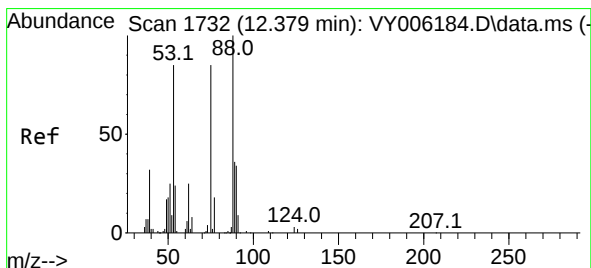
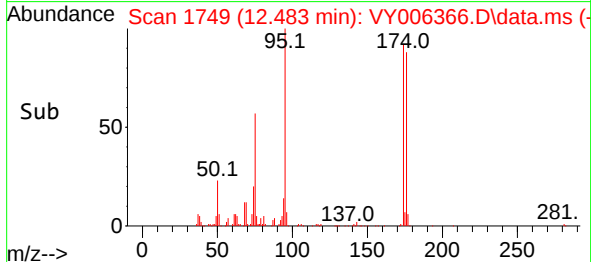
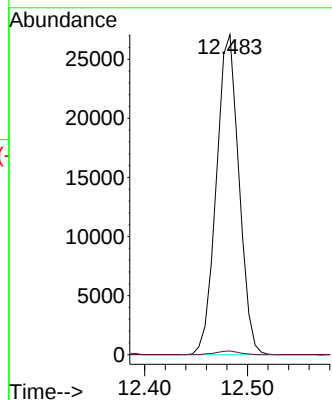
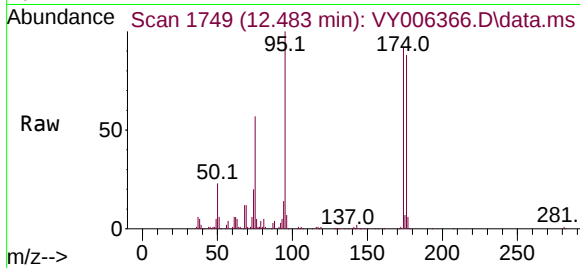




#76
1,2,3-Trichloropropane
Concen: 53.977 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 41343
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.073 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006366.D
Acq: 08 Oct 2021 19:42

Tgt Ion: 75 Resp: 41343
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

