

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005045.D
 Acq On : 09 Jun 2021 14:45
 Operator : SY/MD
 Sample : M2647-01
 Misc : 5.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:41:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

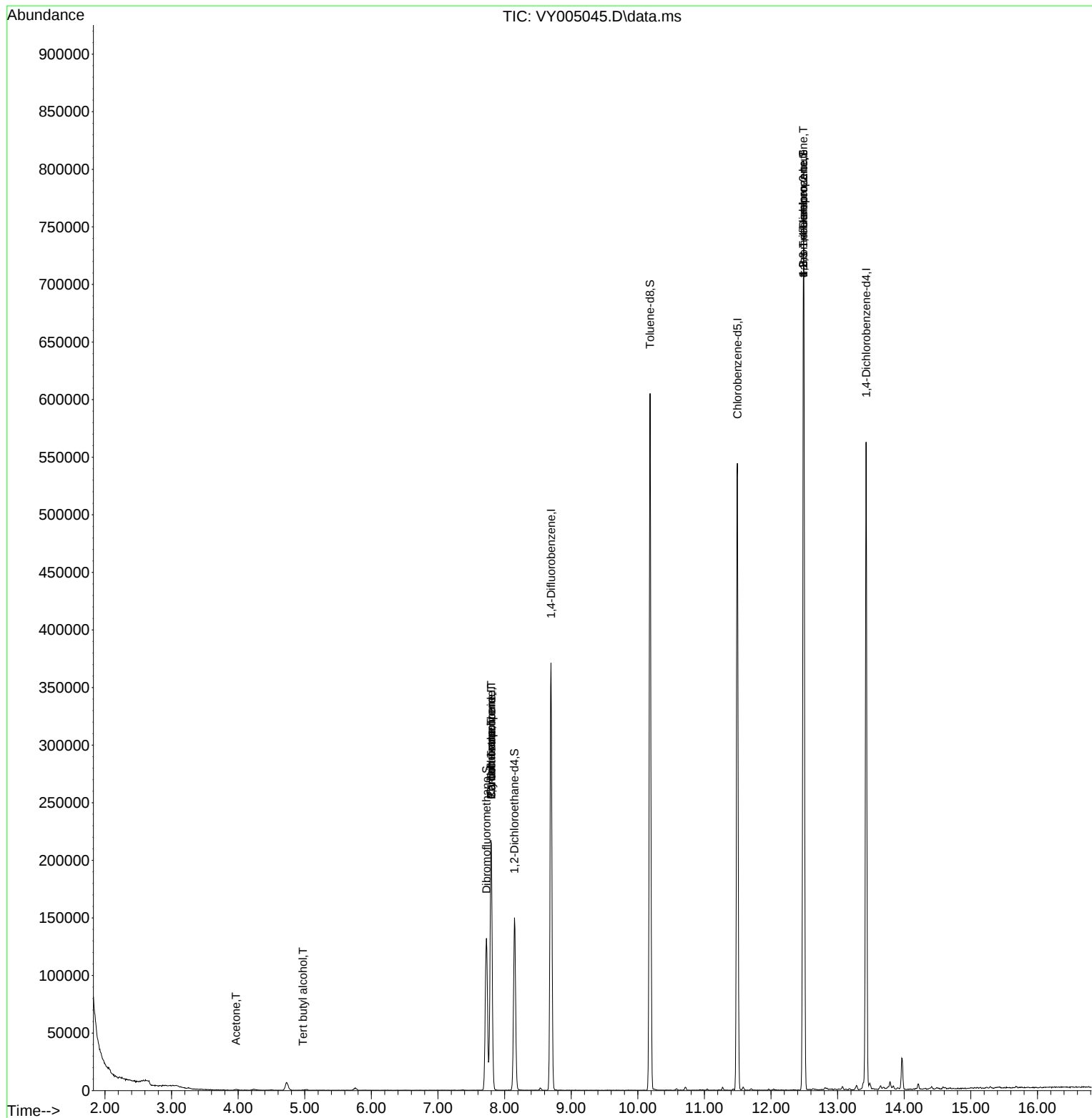
Internal Standards						
1) Pentafluorobenzene	7.801	168	165297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	294837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111836	63.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.000%
35) Dibromofluoromethane	7.728	113	95740	57.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.560%
50) Toluene-d8	10.185	98	381802	55.485	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.960%
62) 4-Bromofluorobenzene	12.483	95	130019	54.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	300	1.493	ug/l #	74
16) Acetone	3.966	43	1346	3.200	ug/l	92
20) Methylene Chloride	4.734	84	4847	Below Cal		92
31) Cyclohexane	7.795	56	3530	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	13521	4.486	ug/l #	49
38) Carbon Tetrachloride	7.801	117	16890	6.439	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	72669	49.396	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72669	90.779	ug/l #	16

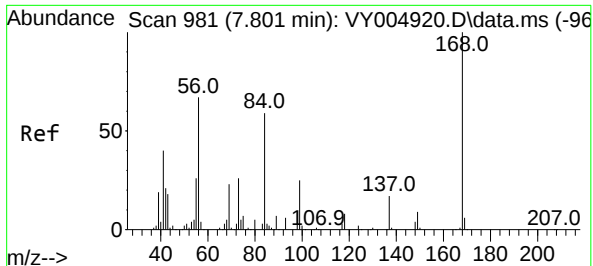
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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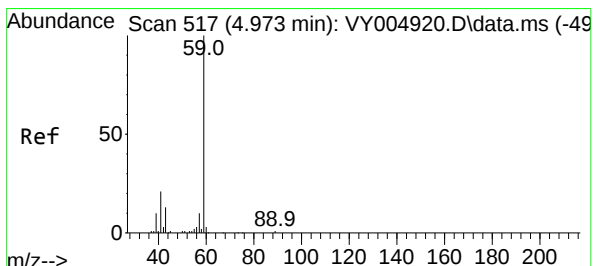
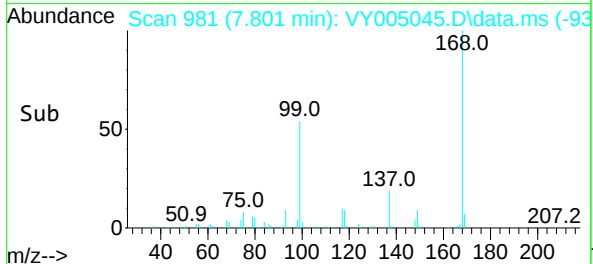
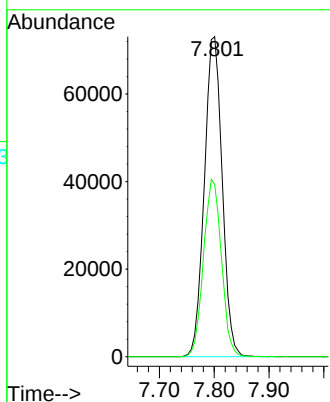
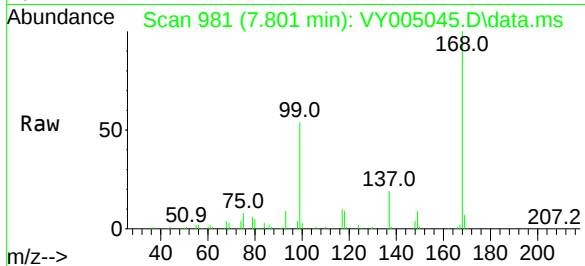




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

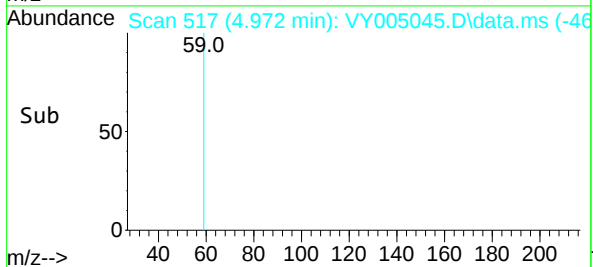
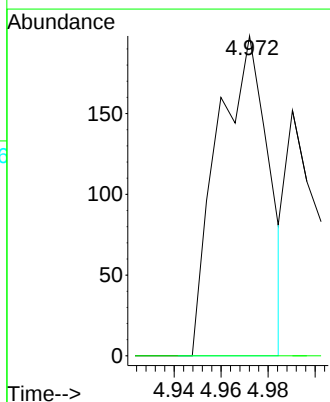
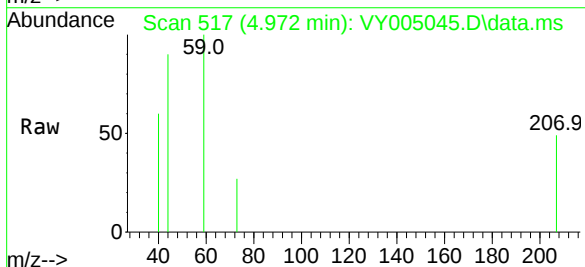
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 165297
Ion Ratio Lower Upper
168 100
99 53.8 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.493 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

Tgt Ion: 59 Resp: 300
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

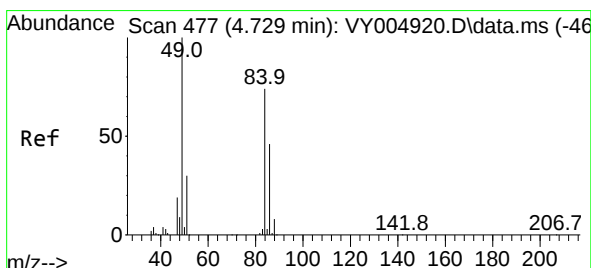
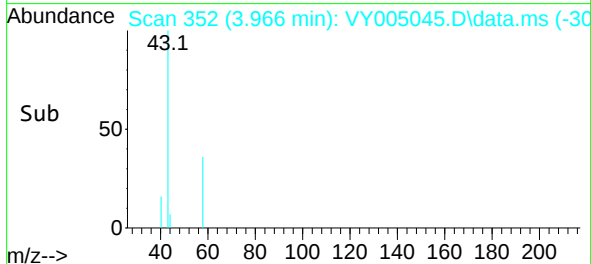
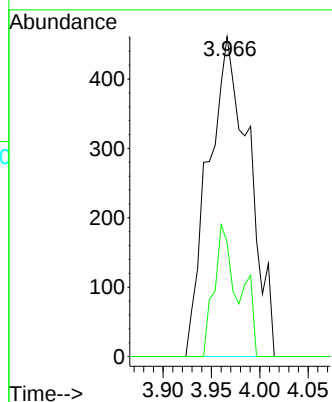
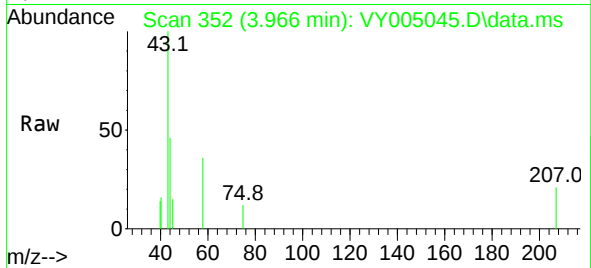




#16
Acetone
Concen: 3.200 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

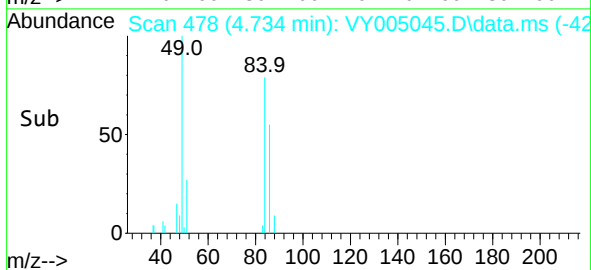
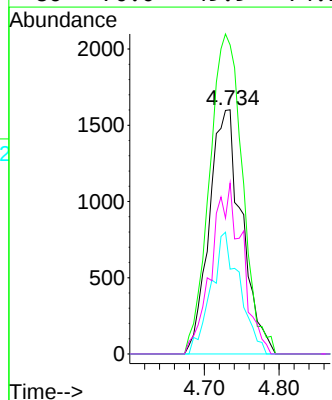
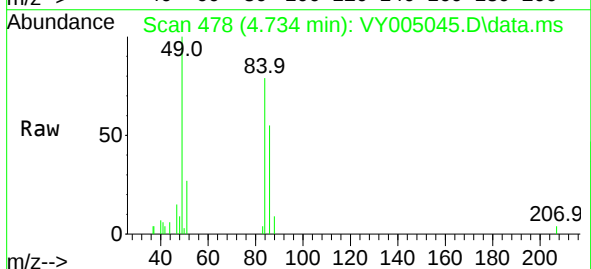
Instrument :
MSVOA_Y
ClientSampled :

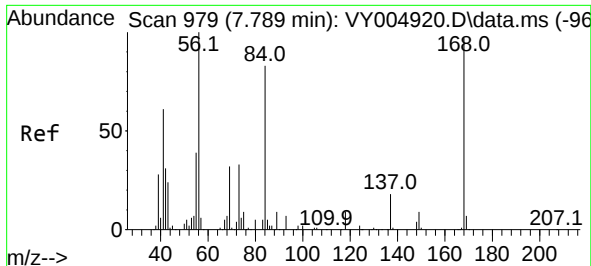
Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
58 35.8 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

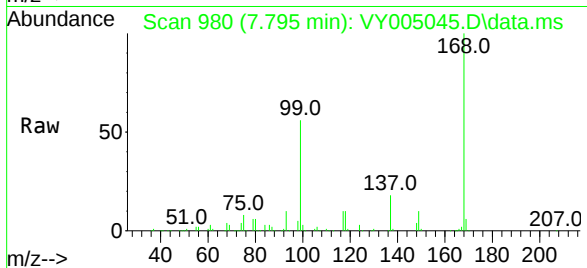
Tgt Ion: 84 Resp: 4847
Ion Ratio Lower Upper
84 100
49 126.5 108.0 162.0
51 34.7 32.6 48.8
86 70.0 49.9 74.9



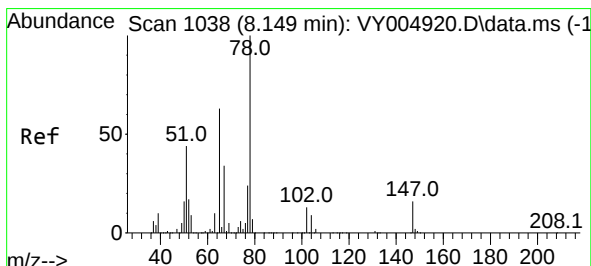
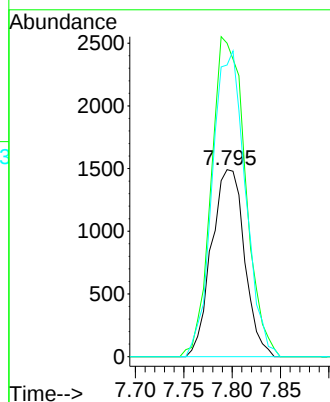
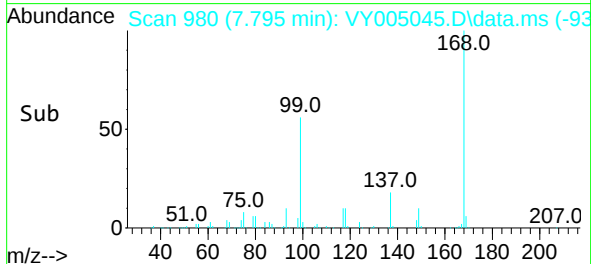


#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

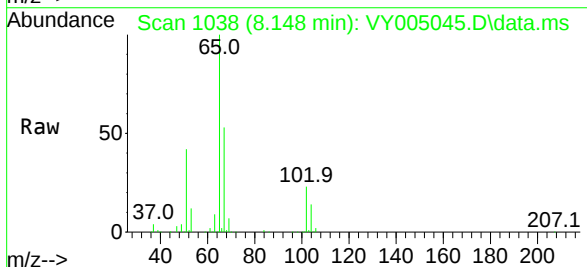
Instrument :
MSVOA_Y
ClientSampled :



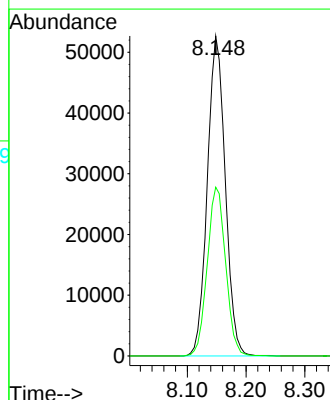
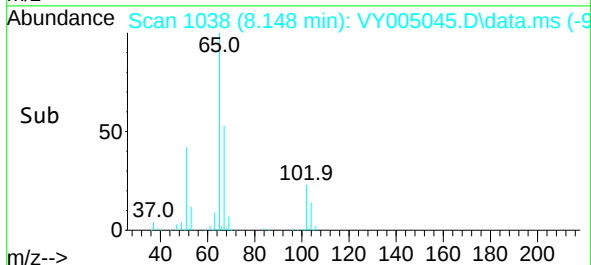
Tgt Ion: 56 Resp: 3530
Ion Ratio Lower Upper
56 100
69 167.7 25.3 37.9#
84 156.0 66.2 99.4#

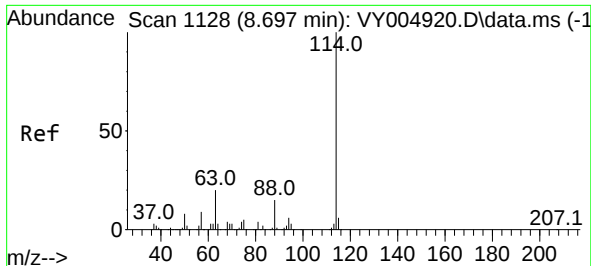


#33
1,2-Dichloroethane-d4
Concen: 63.998 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45



Tgt Ion: 65 Resp: 111836
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005045.D

Acq: 09 Jun 2021 14:45

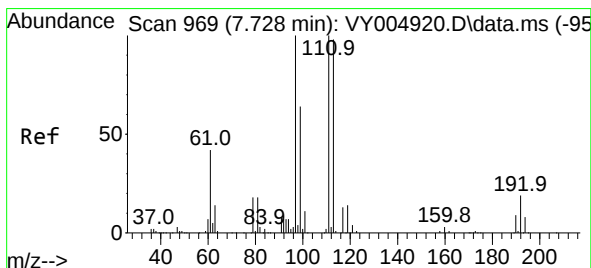
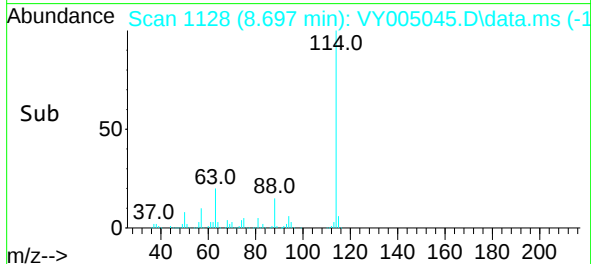
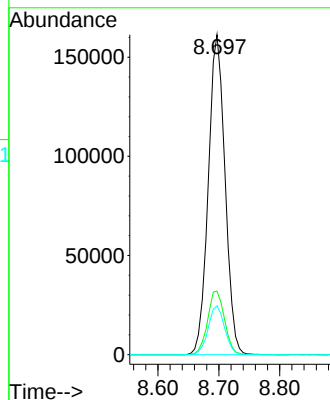
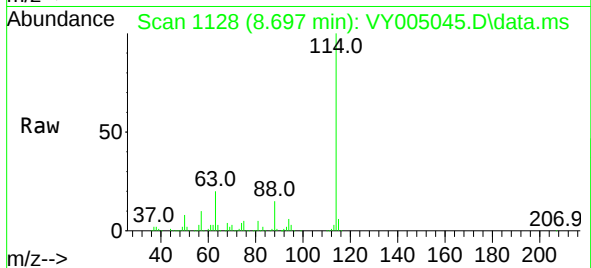
Tgt Ion:114 Resp: 307960

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.784 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005045.D

Acq: 09 Jun 2021 14:45

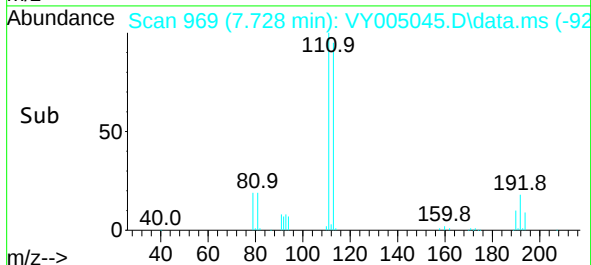
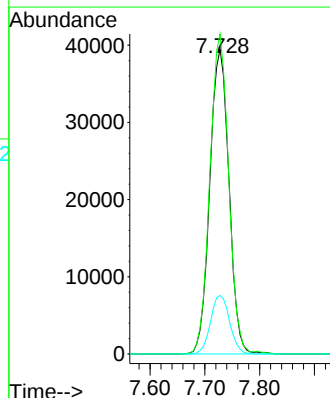
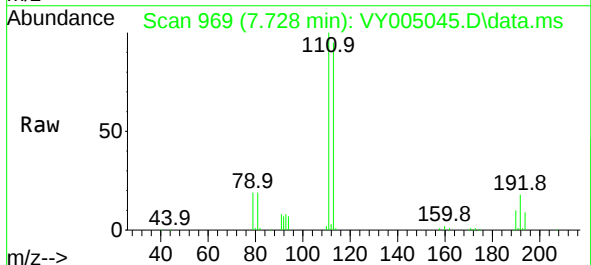
Tgt Ion:113 Resp: 95740

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

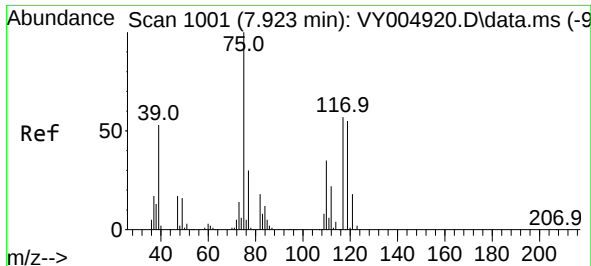
192 19.1 15.3 22.9



Instrument :

MSVOA_Y

ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.486 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY005045.D

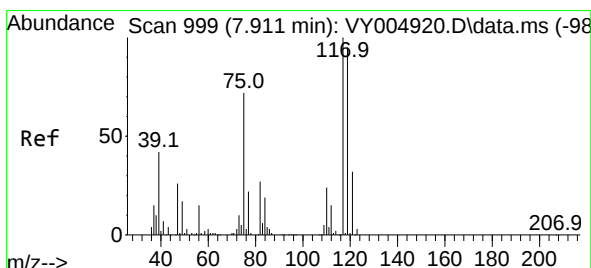
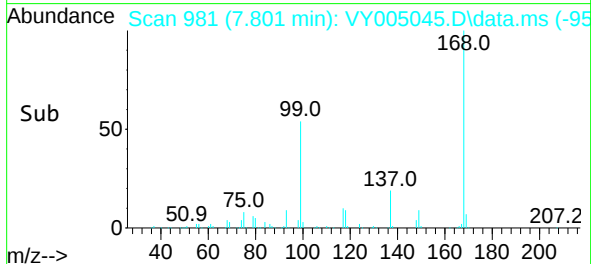
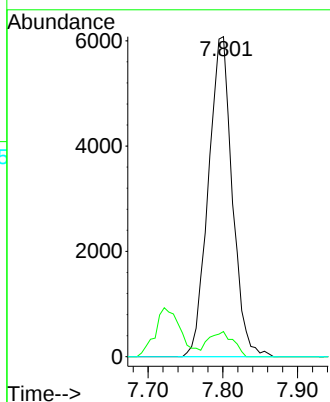
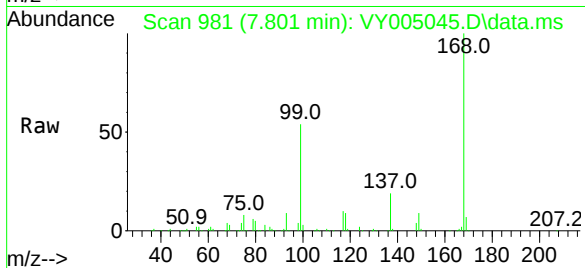
Acq: 09 Jun 2021 14:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 13521
Ion Ratio	Lower Upper
75 100	
110 8.0	17.5 52.5#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.439 ug/l

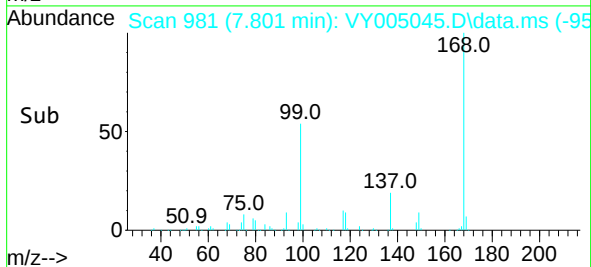
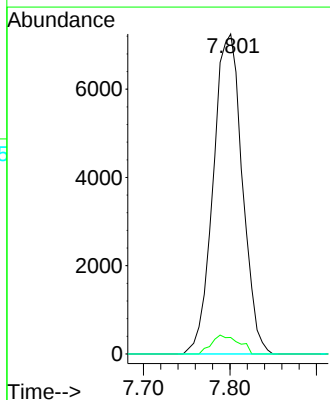
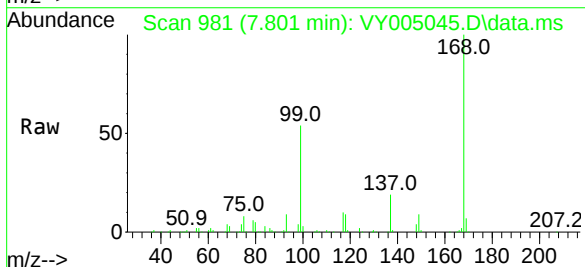
RT: 7.801 min Scan# 981

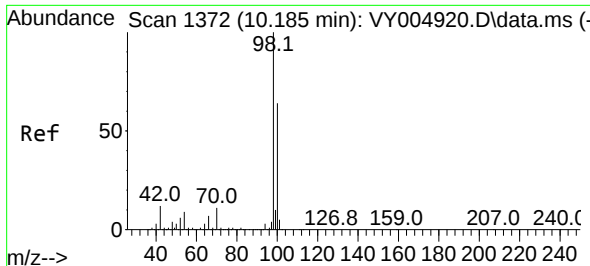
Delta R.T. -0.110 min

Lab File: VY005045.D

Acq: 09 Jun 2021 14:45

Tgt Ion: 117	Resp: 16890
Ion Ratio	Lower Upper
117 100	
119 5.2	76.1 114.1#
121 0.0	25.5 38.3#

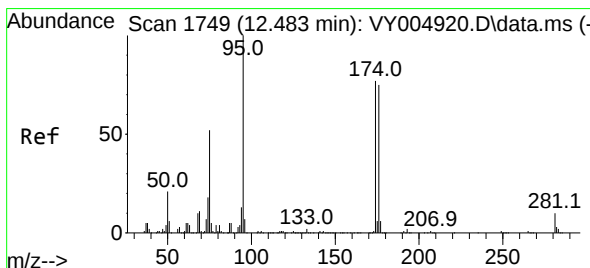
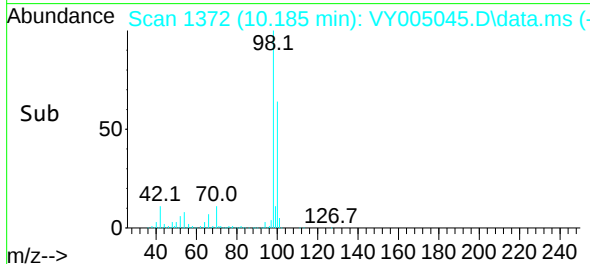
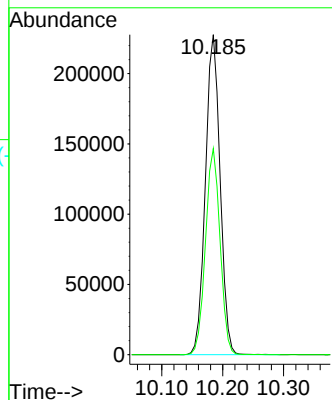
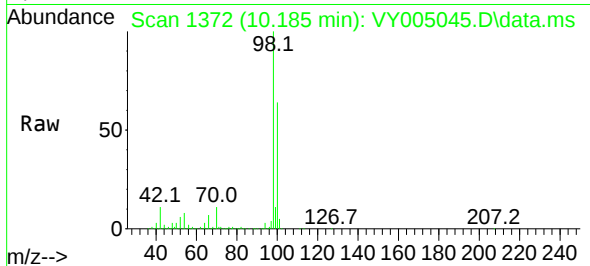




#50
Toluene-d8
Concen: 55.485 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

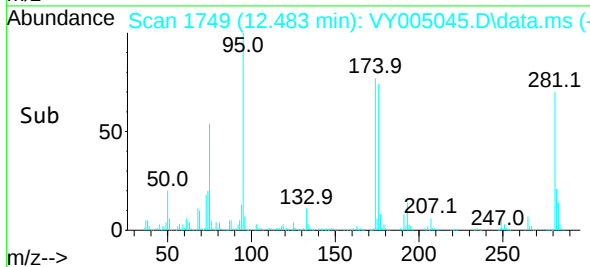
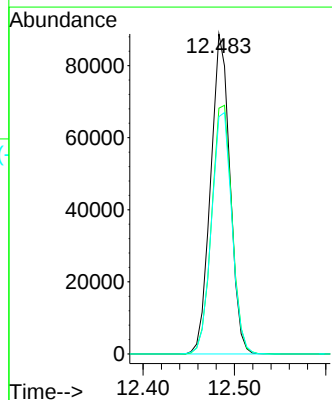
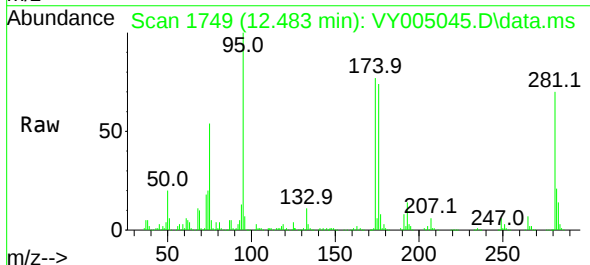
Instrument :
MSVOA_Y
ClientSampled :

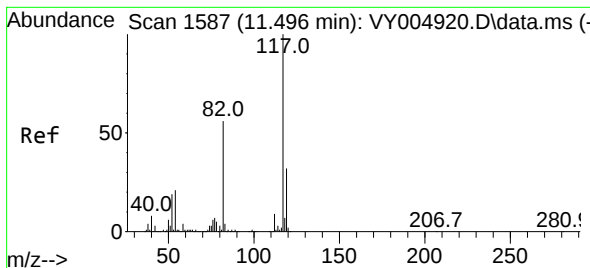
Tgt Ion: 98 Resp: 381802
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.940 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

Tgt Ion: 95 Resp: 130019
Ion Ratio Lower Upper
95 100
174 82.0 0.0 160.8
176 79.7 0.0 155.6

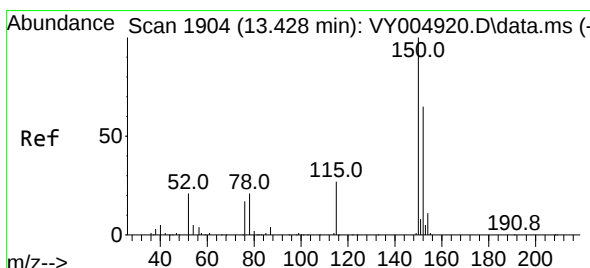
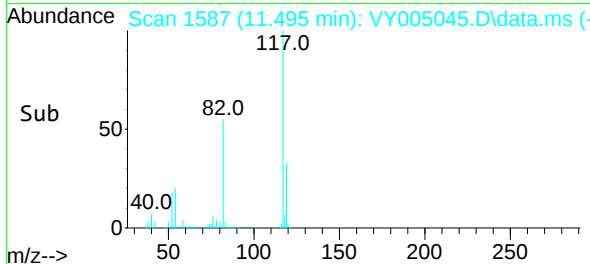
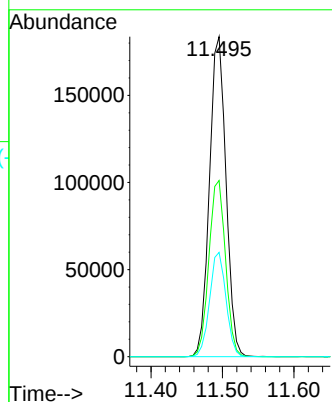
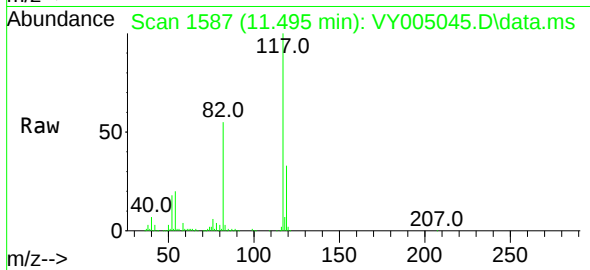




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

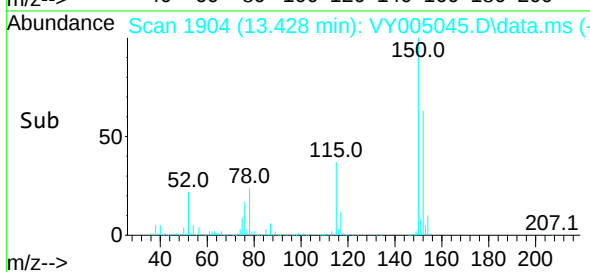
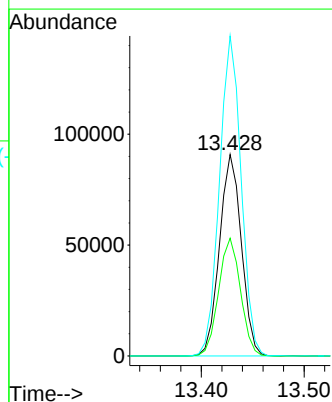
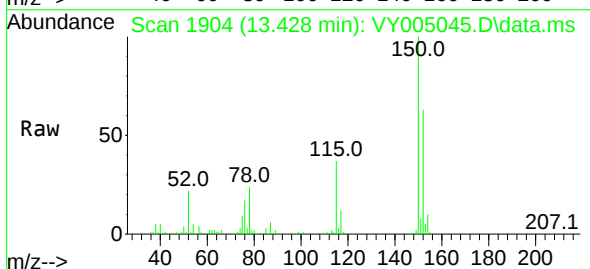
Instrument :
MSVOA_Y
ClientSampleId :

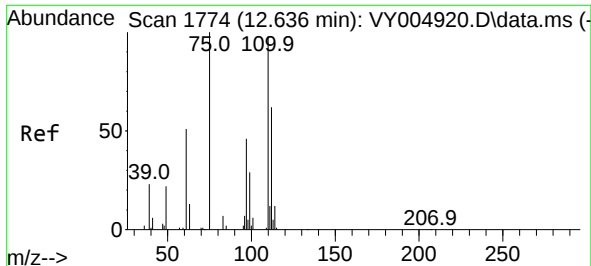
Tgt Ion:117 Resp: 294837
Ion Ratio Lower Upper
117 100
82 55.0 44.8 67.2
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

Tgt Ion:152 Resp: 134205
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.7
150 157.3 0.0 347.8

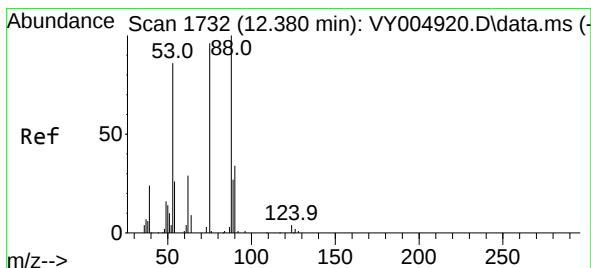
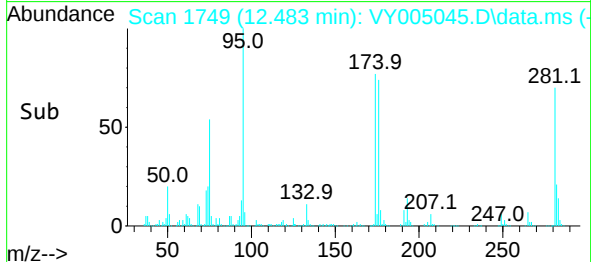
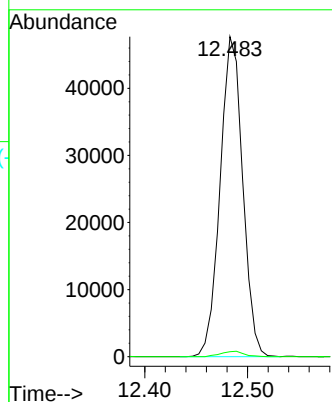
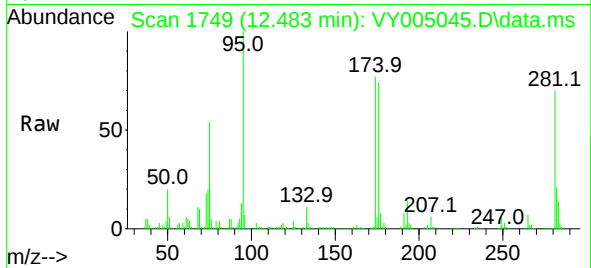




#76
1,2,3-Trichloropropane
Concen: 49.396 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72669
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005045.D
Acq: 09 Jun 2021 14:45

Tgt Ion: 75 Resp: 72669
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 2.0 35.0 52.6#

