

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005087.D
 Acq On : 10 Jun 2021 19:11
 Operator : SY/MD
 Sample : M2672-10
 Misc : 6.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:08:14 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)

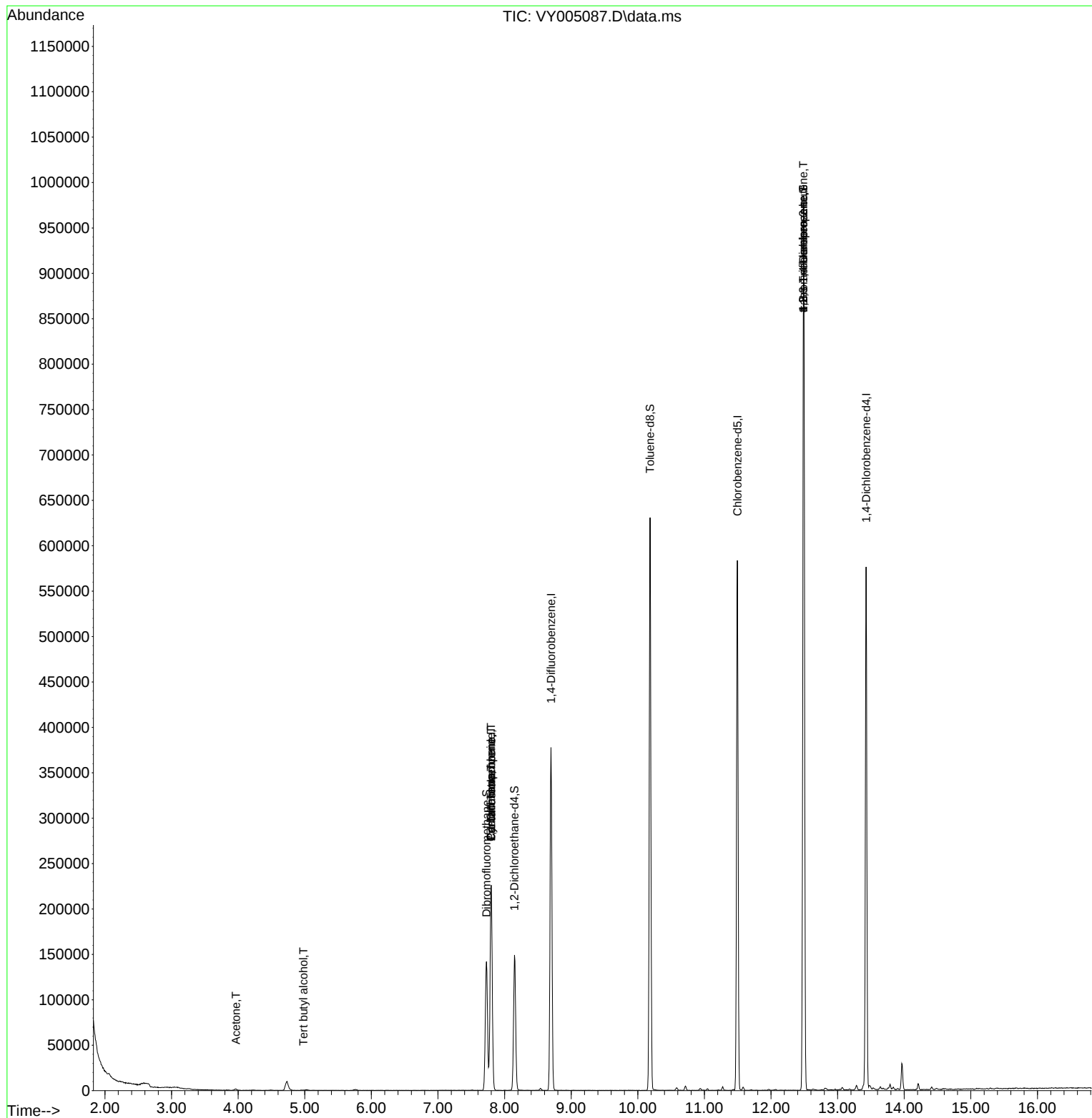
Internal Standards						
1) Pentafluorobenzene	7.801	168	177353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	316009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113324	60.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.880%
35) Dibromofluoromethane	7.728	113	100399	57.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.760%
50) Toluene-d8	10.185	98	402190	55.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.680%
62) 4-Bromofluorobenzene	12.483	95	139557	55.840	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	831	3.854	ug/l #	74
16) Acetone	3.966	43	2568	5.690	ug/l #	87
20) Methylene Chloride	4.734	84	7452	Below Cal	#	83
31) Cyclohexane	7.795	56	3741	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13992	4.396	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18029	6.509	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	78508	50.008	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78508	91.903	ug/l #	16

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

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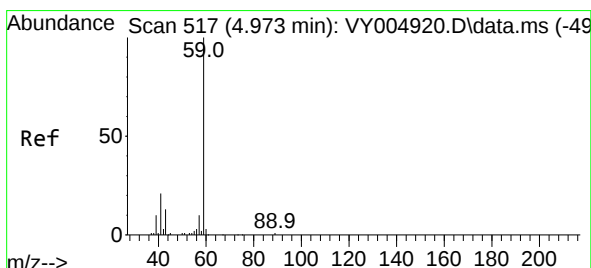
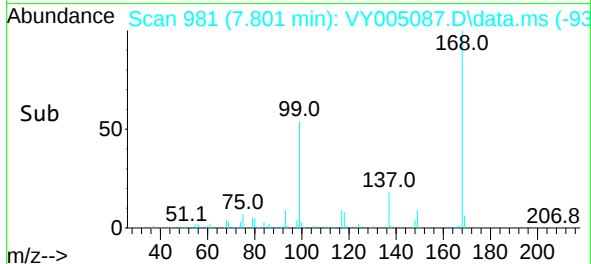
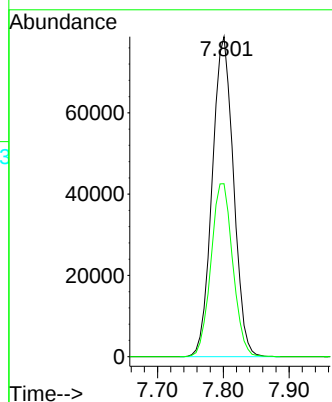
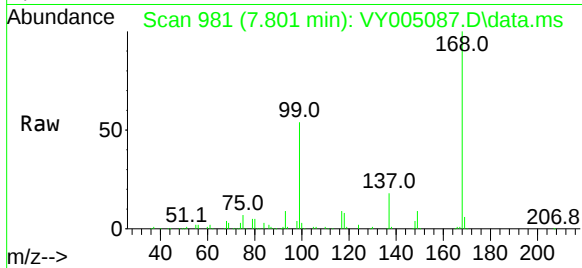




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

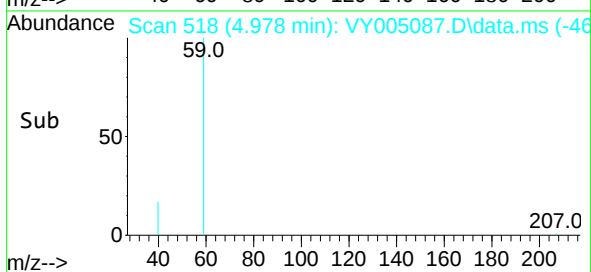
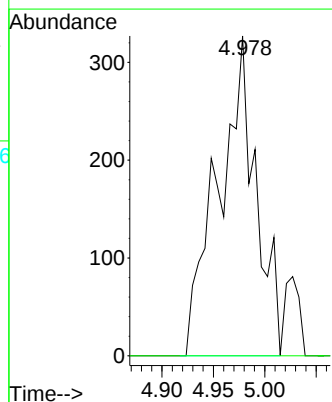
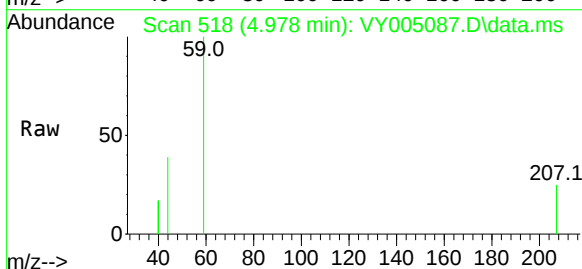
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 177353
Ion Ratio Lower Upper
168 100
99 54.0 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.854 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

Tgt Ion: 59 Resp: 831
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

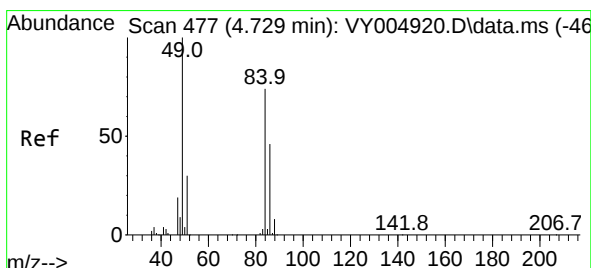
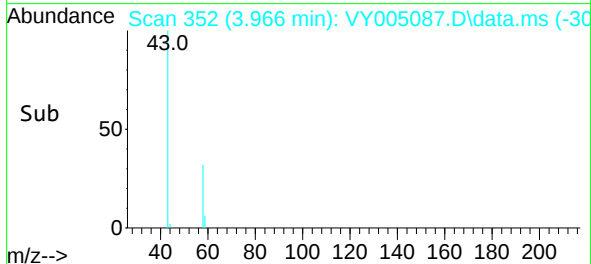
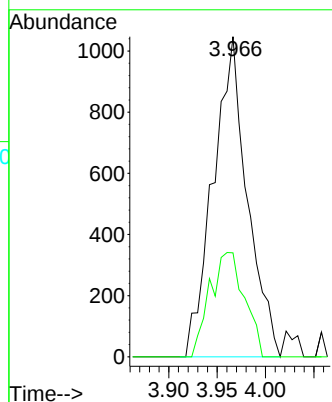
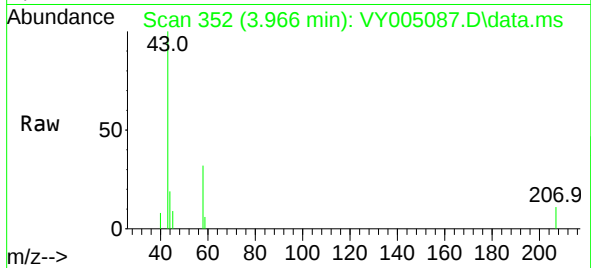




#16
Acetone
Concen: 5.690 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

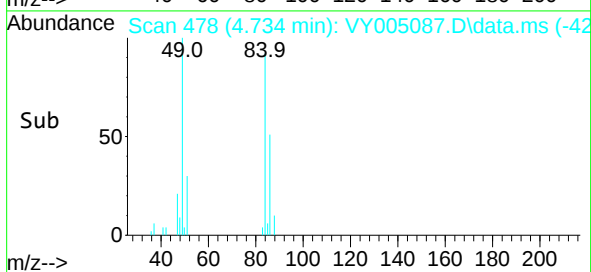
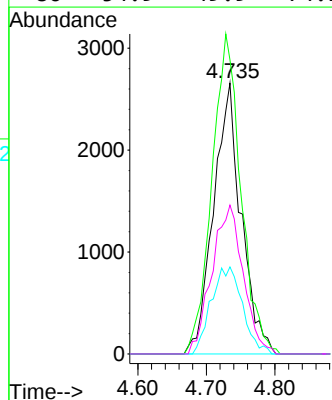
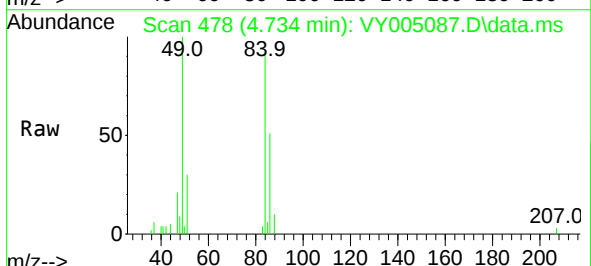
Instrument :
MSVOA_Y
ClientSampled :

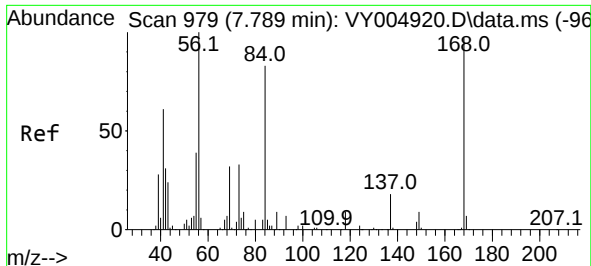
Tgt Ion: 43 Resp: 2568
Ion Ratio Lower Upper
43 100
58 39.0 25.3 37.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

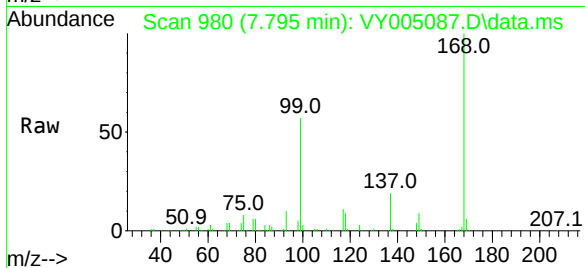
Tgt Ion: 84 Resp: 7452
Ion Ratio Lower Upper
84 100
49 108.5 108.0 162.0
51 32.2 32.6 48.8#
86 54.9 49.9 74.9



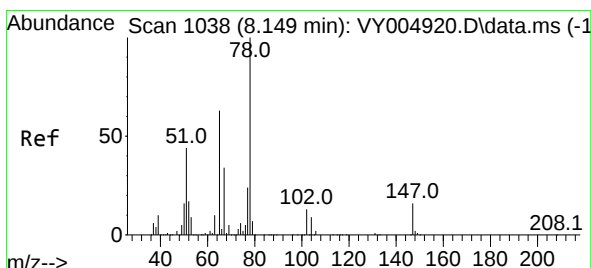
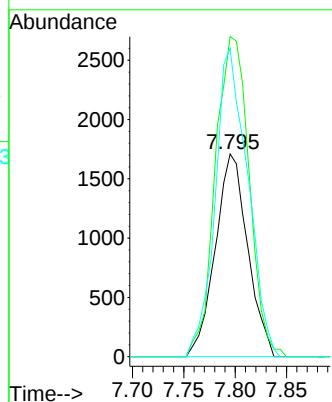
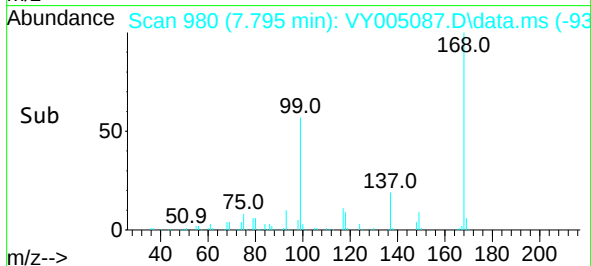


#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

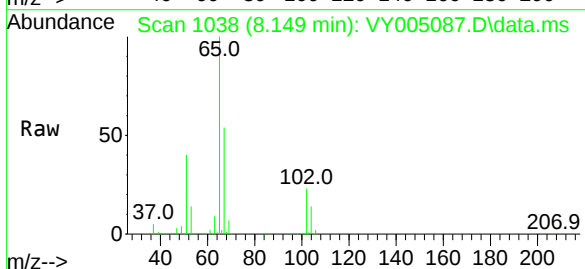
Instrument :
MSVOA_Y
ClientSampleId :



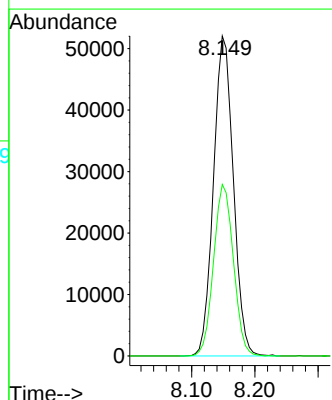
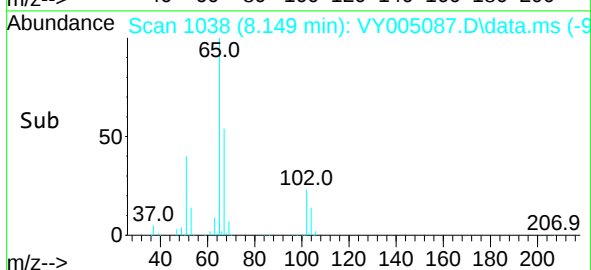
Tgt Ion: 56 Resp: 3741
Ion Ratio Lower Upper
56 100
69 157.8 25.3 37.9#
84 152.0 66.2 99.4#

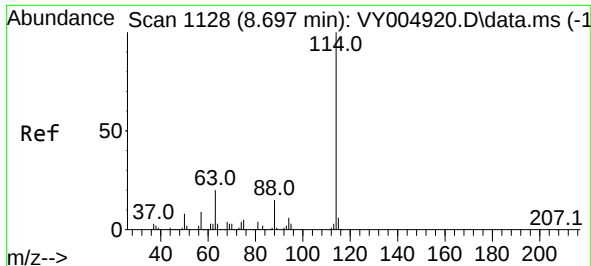


#33
1,2-Dichloroethane-d4
Concen: 60.442 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11



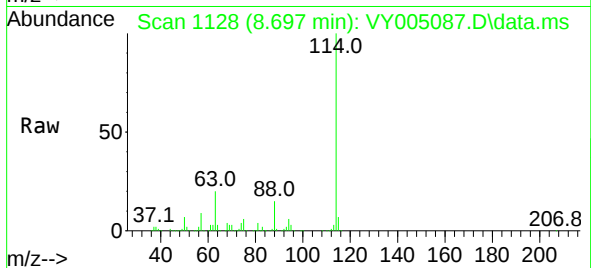
Tgt Ion: 65 Resp: 113324
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6



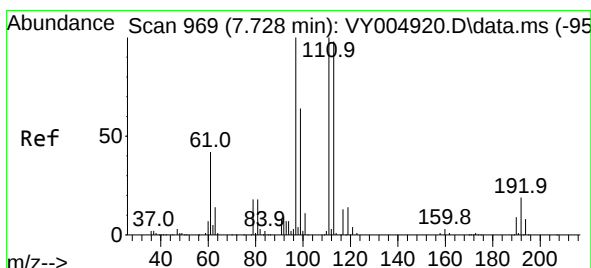
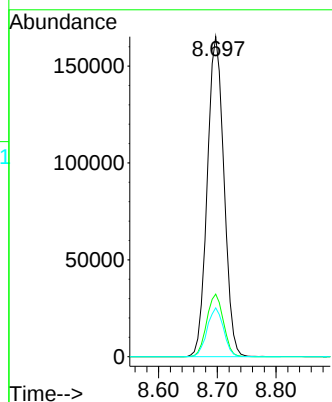
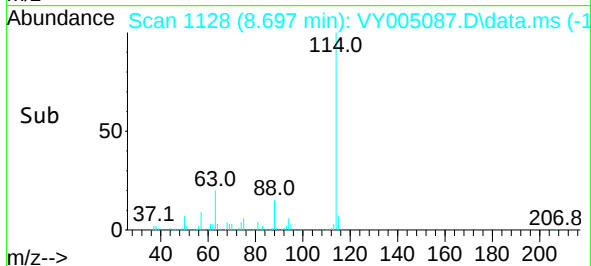


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

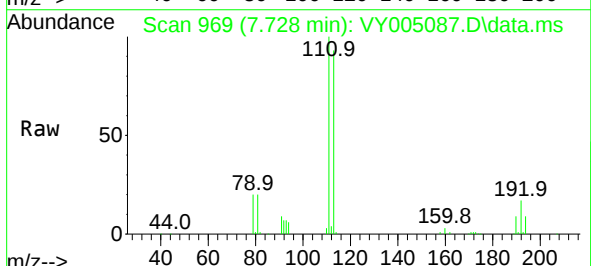
Instrument :
MSVOA_Y
ClientSampled :



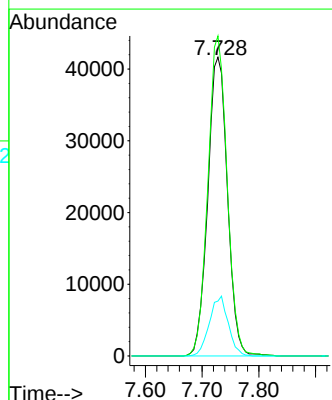
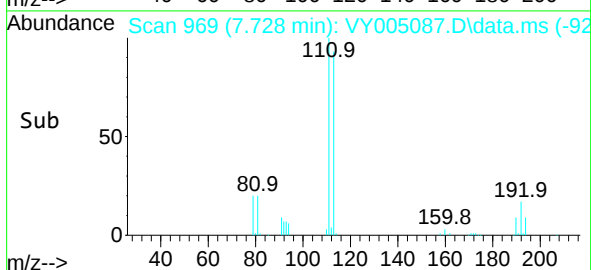
Tgt Ion:114 Resp: 325227
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.0
88 15.2 0.0 30.6

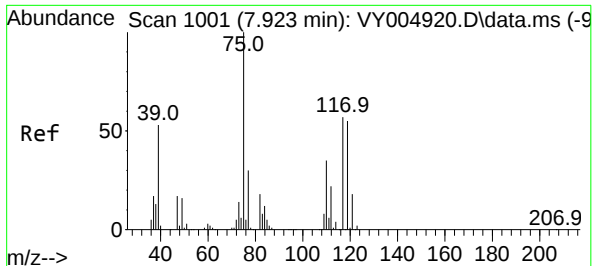


#35
Dibromofluoromethane
Concen: 57.379 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11



Tgt Ion:113 Resp: 100399
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.8
192 19.2 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.396 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

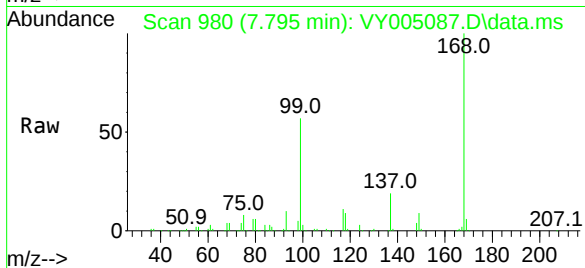
Lab File: VY005087.D

Acq: 10 Jun 2021 19:11

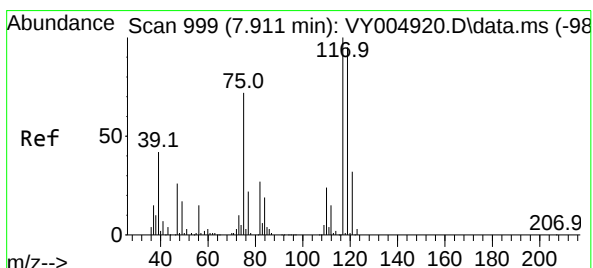
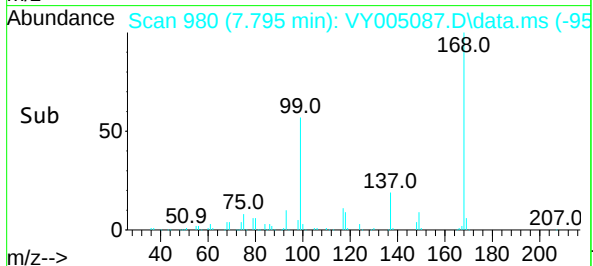
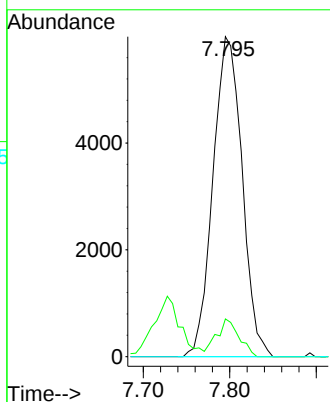
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 13992
Ion Ratio	Lower Upper
75 100	
110 9.1	17.5 52.5#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.509 ug/l

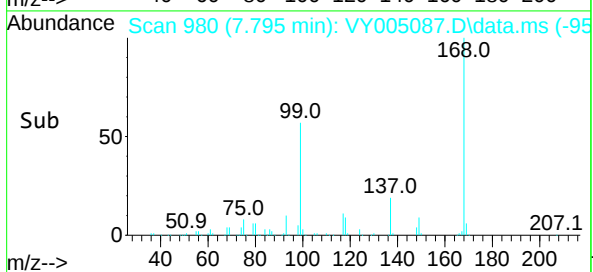
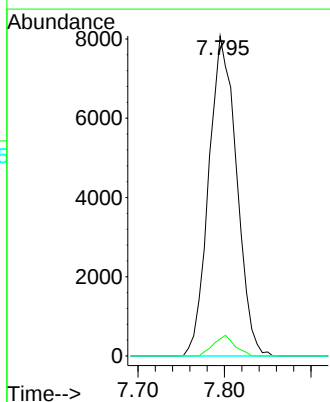
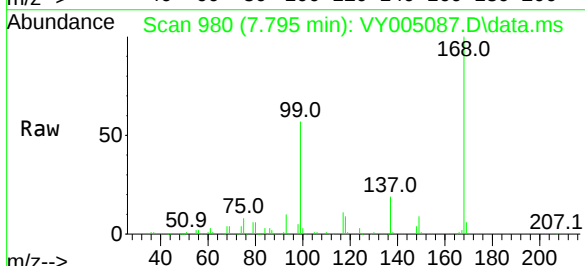
RT: 7.795 min Scan# 980

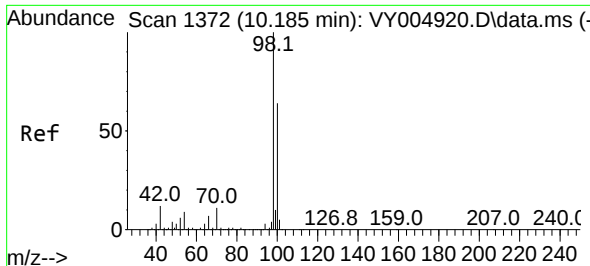
Delta R.T. -0.116 min

Lab File: VY005087.D

Acq: 10 Jun 2021 19:11

Tgt Ion: 117	Resp: 18029
Ion Ratio	Lower Upper
117 100	
119 5.3	76.1 114.1#
121 0.0	25.5 38.3#

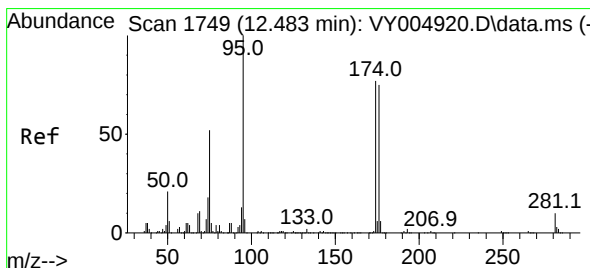
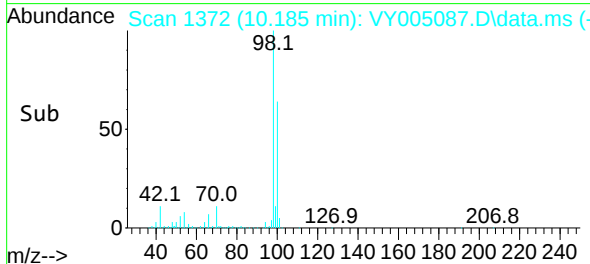
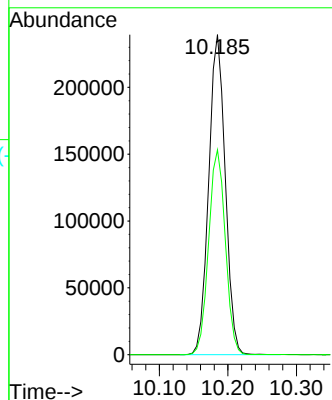
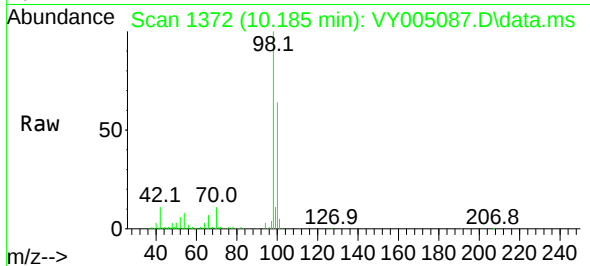




#50
Toluene-d8
Concen: 55.345 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

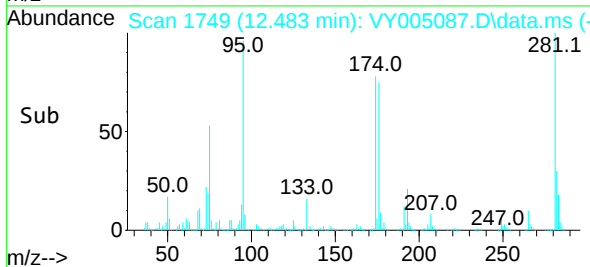
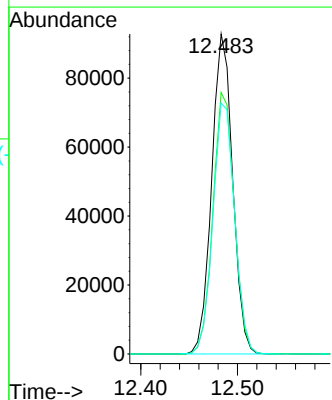
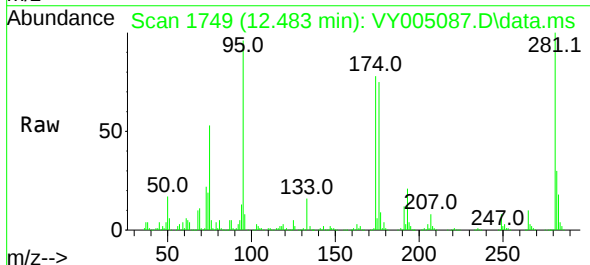
Instrument :
MSVOA_Y
ClientSampleId :

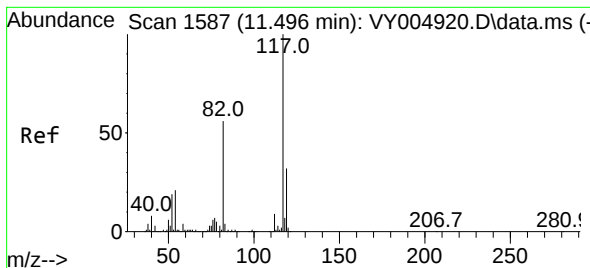
Tgt Ion: 98 Resp: 402190
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.840 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

Tgt Ion: 95 Resp: 139557
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.8
176 81.5 0.0 155.6

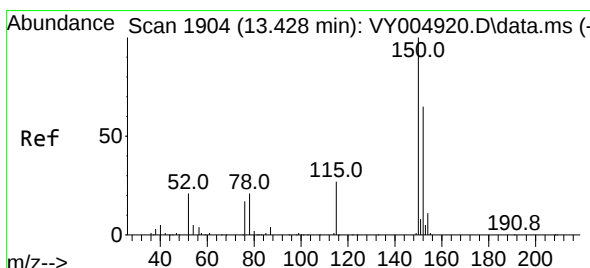
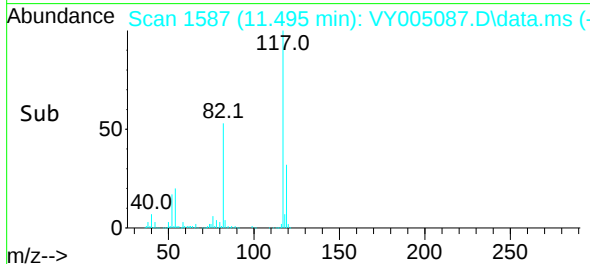
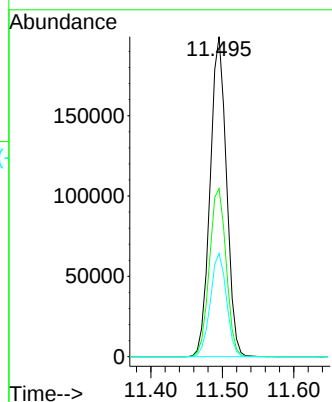
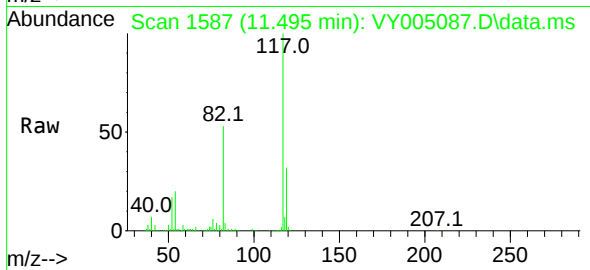




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

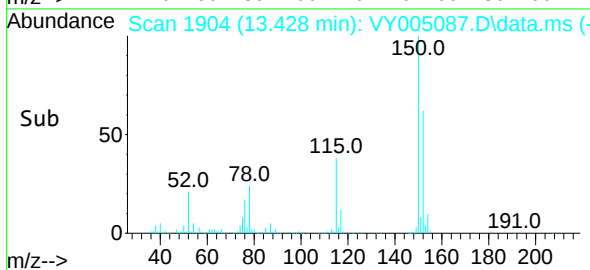
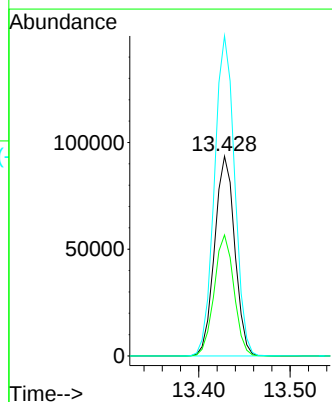
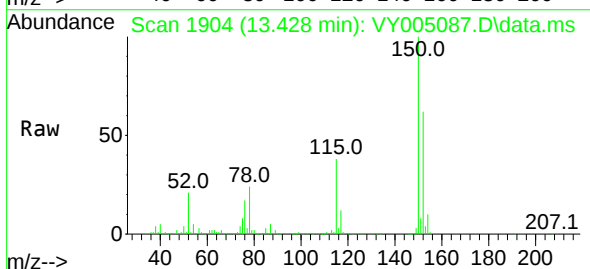
Instrument :
MSVOA_Y
ClientSampleId :

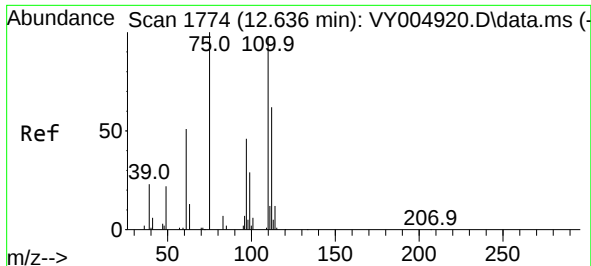
Tgt Ion:117 Resp: 316009
Ion Ratio Lower Upper
117 100
82 52.6 44.8 67.2
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

Tgt Ion:152 Resp: 143215
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.7
150 160.7 0.0 347.8

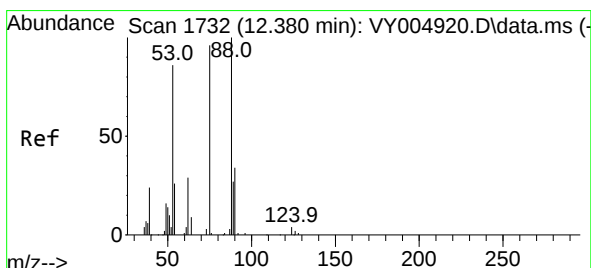
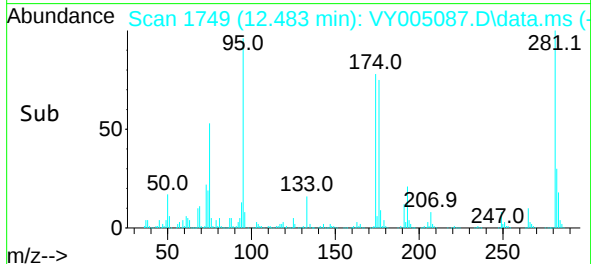
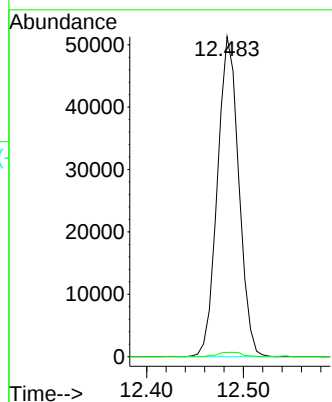
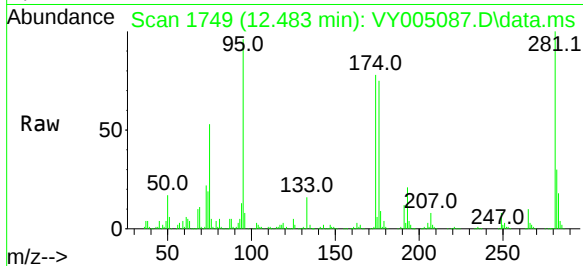




#76
1,2,3-Trichloropropane
Concen: 50.008 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 78508
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.903 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005087.D
Acq: 10 Jun 2021 19:11

Tgt Ion: 75 Resp: 78508
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.6 35.0 52.6#

