

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006027.D
 Acq On : 15 Sep 2021 16:27
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 01:23:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

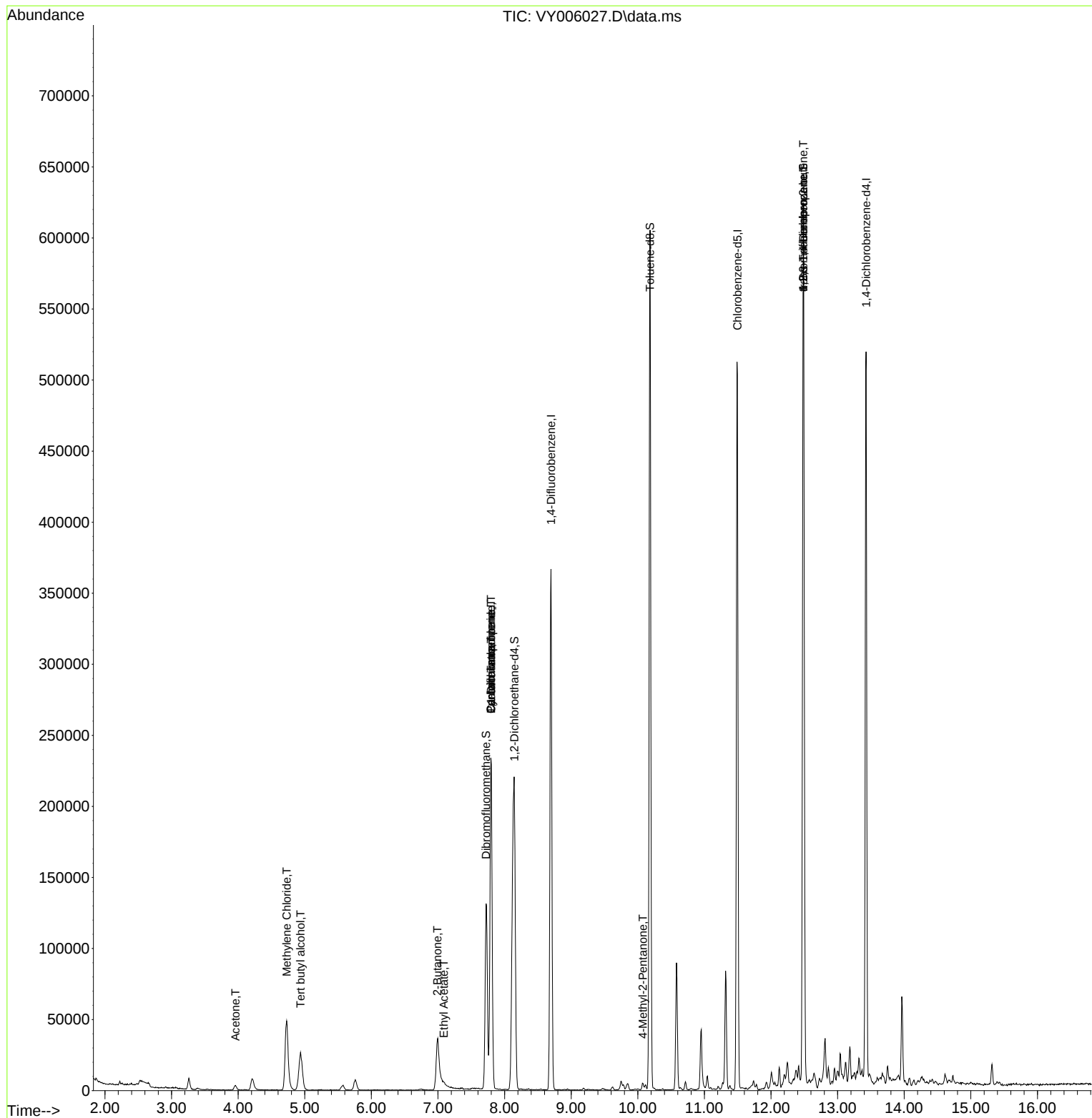
Internal Standards						
1) Pentafluorobenzene	7.795	168	177674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	287202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	260669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	125789	50.968	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.940%			
35) Dibromofluoromethane	7.722	113	89901	50.397	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.800%			
50) Toluene-d8	10.185	98	379312	49.890	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.780%			
62) 4-Bromofluorobenzene	12.483	95	127168	49.265	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.520%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	27192	34.760	ug/l #	83
16) Acetone	3.960	43	5838	8.624	ug/l #	86
20) Methylene Chloride	4.728	84	33299	12.258	ug/l	96
25) 2-Butanone	6.990	43	2572	2.757	ug/l #	84
31) Cyclohexane	7.795	56	4693	1.187	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	15526	5.009	ug/l #	50
37) Ethyl Acetate	7.088	43	2486	1.161	ug/l #	93
38) Carbon Tetrachloride	7.795	117	17093	5.065	ug/l #	14
51) 4-Methyl-2-Pentanone	10.075	43	3693	1.737	ug/l	93
76) 1,2,3-Trichloropropane	12.483	75	74911	56.381	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74911	103.657	ug/l #	8

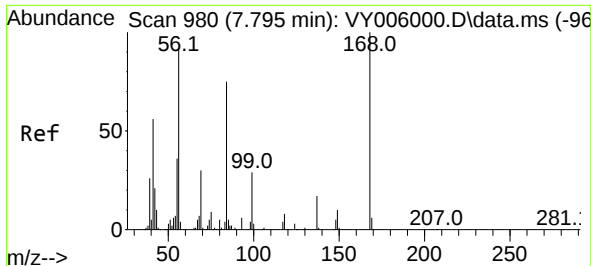
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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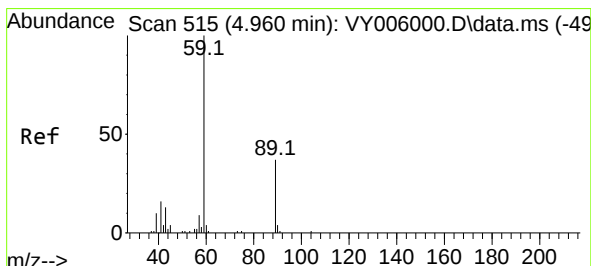
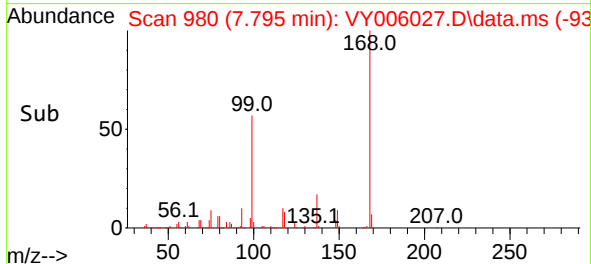
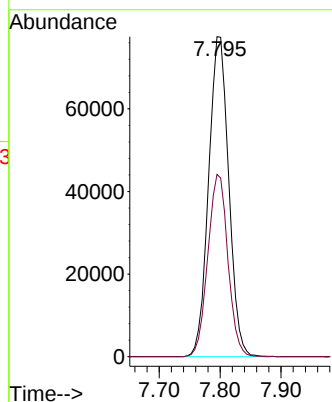
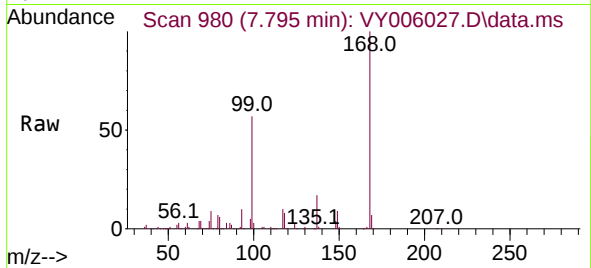




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

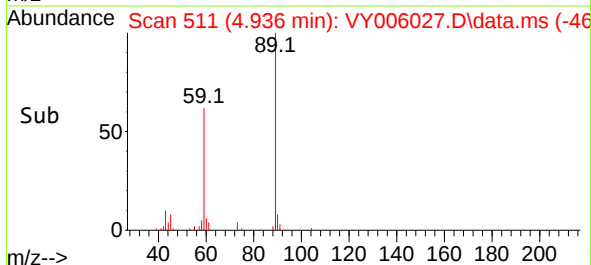
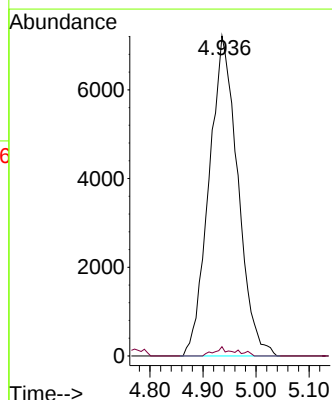
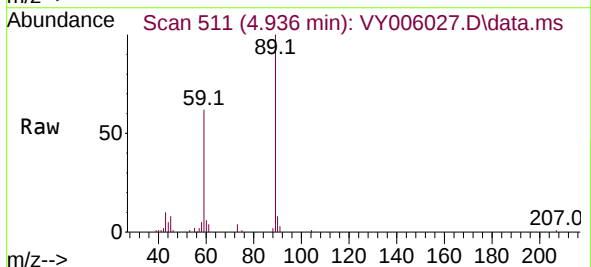
Instrument :
MSVOA_Y
ClientSampleId :

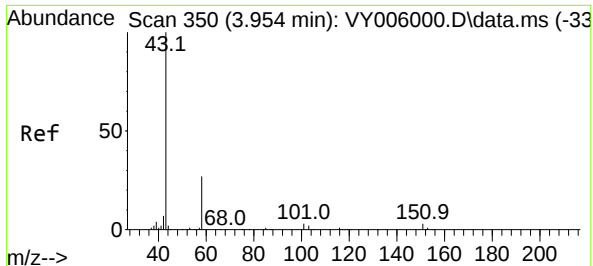
Tgt Ion:168 Resp: 177674
Ion Ratio Lower Upper
168 100
99 57.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 34.760 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

Tgt Ion: 59 Resp: 27192
Ion Ratio Lower Upper
59 100
57 1.9 6.4 9.6#

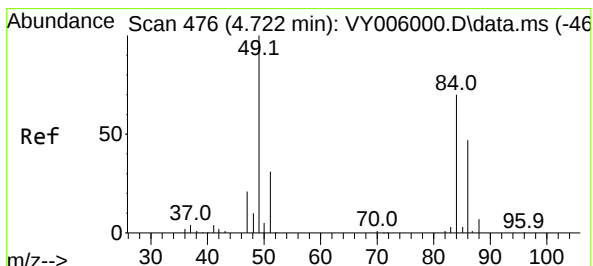
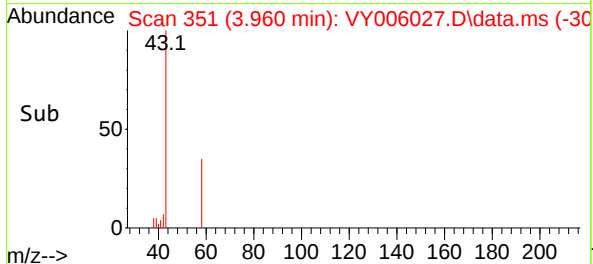
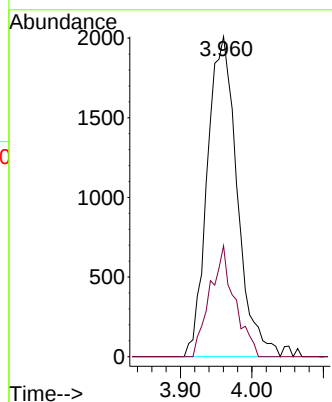
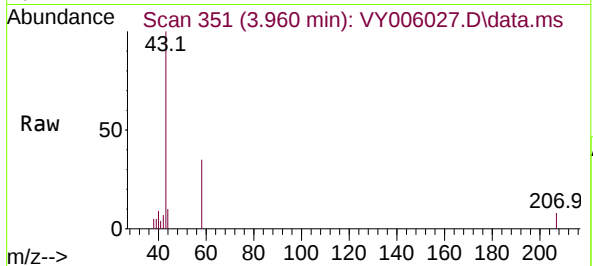




#16
Acetone
Concen: 8.624 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

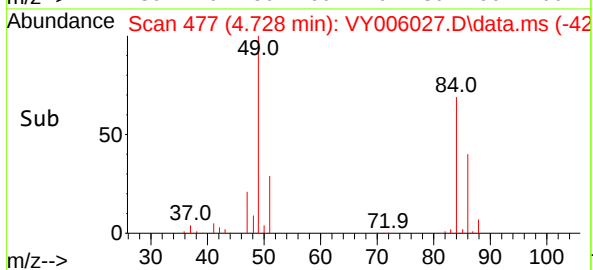
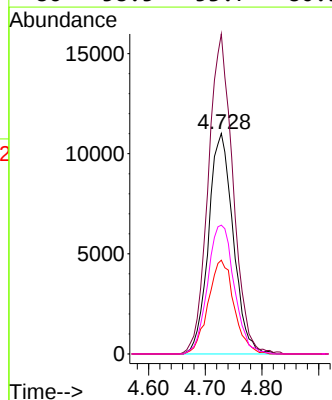
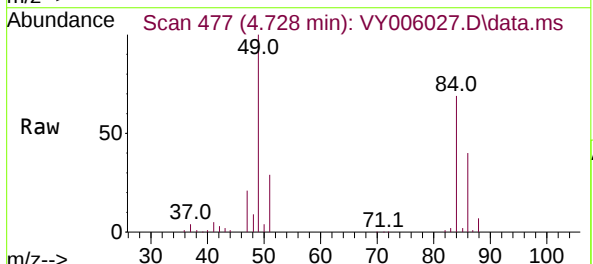
Instrument :
MSVOA_Y
ClientSampled :

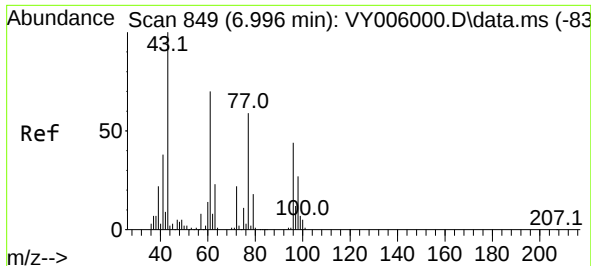
Tgt Ion: 43 Resp: 5838
Ion Ratio Lower Upper
43 100
58 34.6 22.0 33.0#



#20
Methylene Chloride
Concen: 12.258 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

Tgt Ion: 84 Resp: 33299
Ion Ratio Lower Upper
84 100
49 145.2 114.4 171.6
51 42.6 35.3 52.9
86 58.5 53.7 80.5

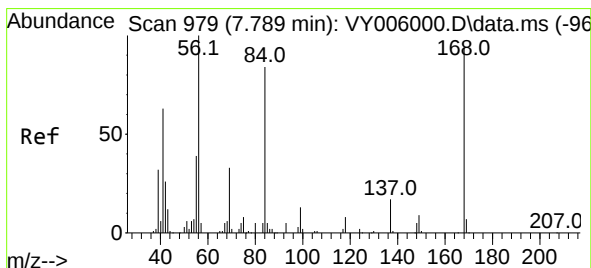
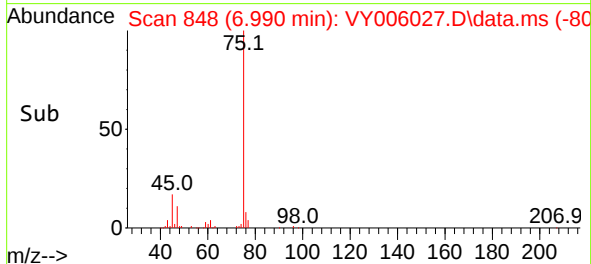
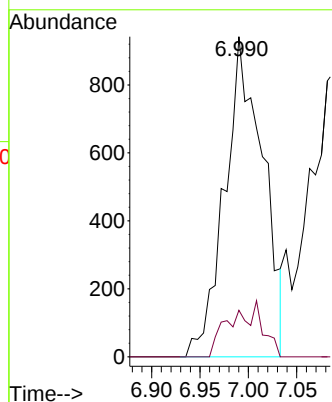
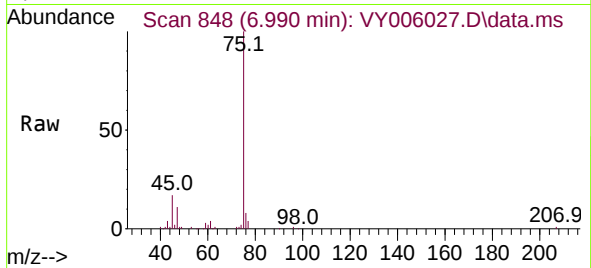




#25
2-Butanone
Concen: 2.757 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

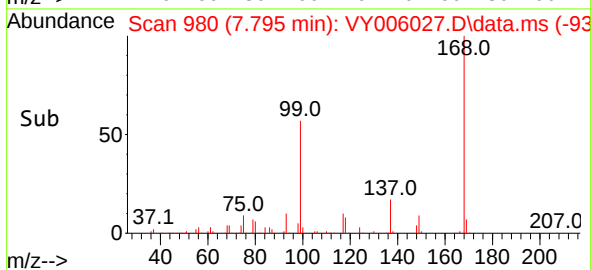
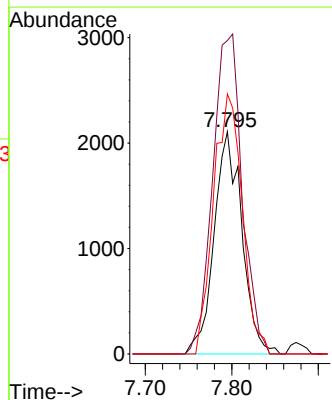
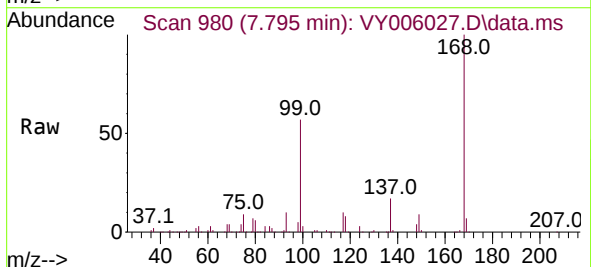
Instrument :
MSVOA_Y
ClientSampled :

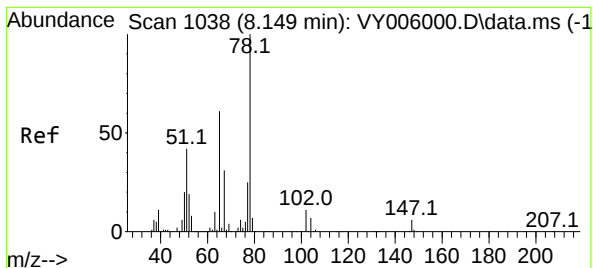
Tgt Ion: 43 Resp: 2572
Ion Ratio Lower Upper
43 100
72 14.5 17.7 26.5#



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

Tgt Ion: 56 Resp: 4693
Ion Ratio Lower Upper
56 100
69 141.0 26.7 40.1#
84 117.0 67.2 100.8#



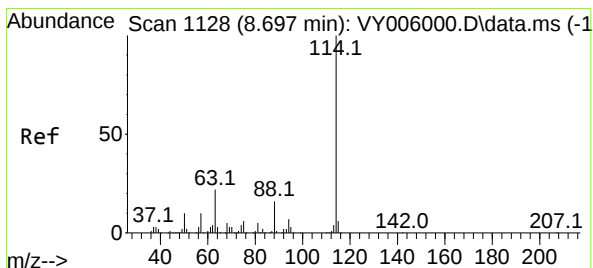
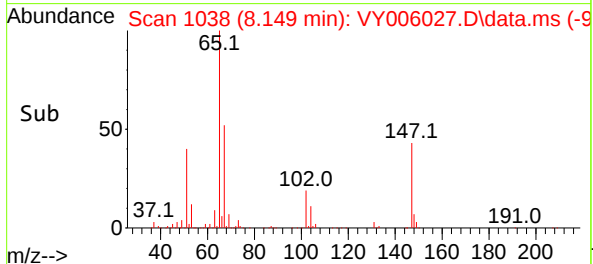
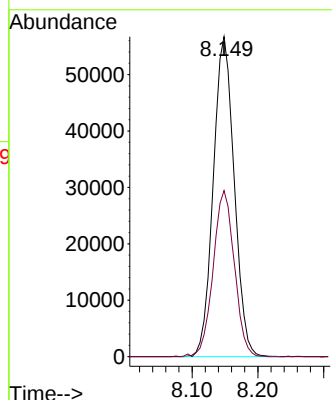
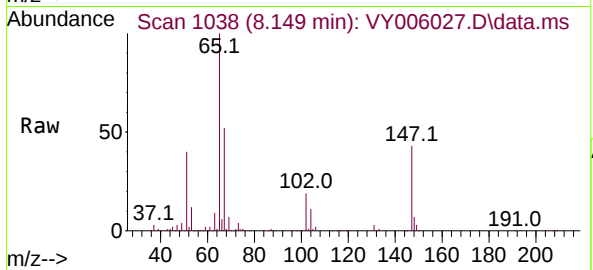


#33

1,2-Dichloroethane-d4
Concen: 50.968 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

Instrument :
MSVOA_Y
ClientSampled :

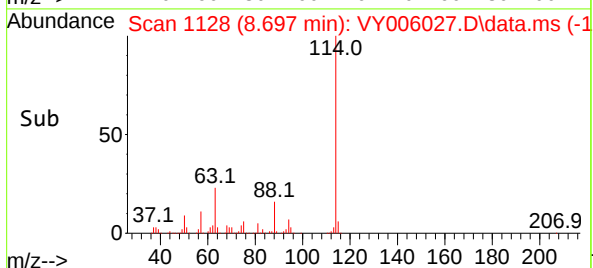
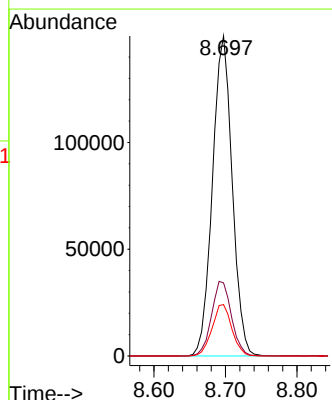
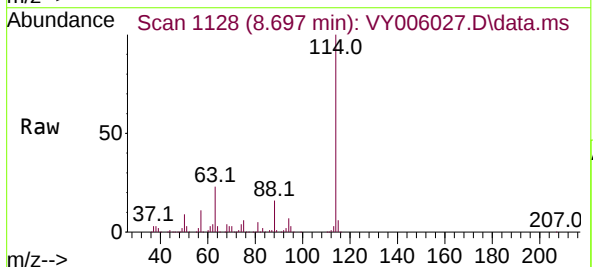
Tgt Ion: 65 Resp: 125789
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

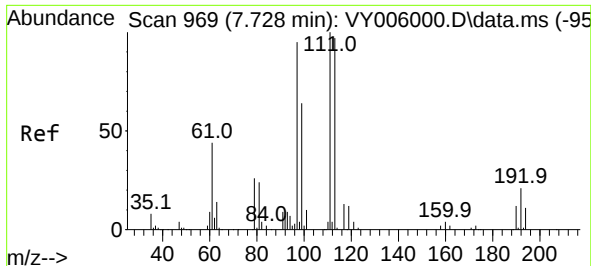


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

Tgt Ion: 114 Resp: 287202
Ion Ratio Lower Upper
114 100
63 22.8 0.0 43.2
88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.397 ug/l

RT: 7.722 min Scan# 968

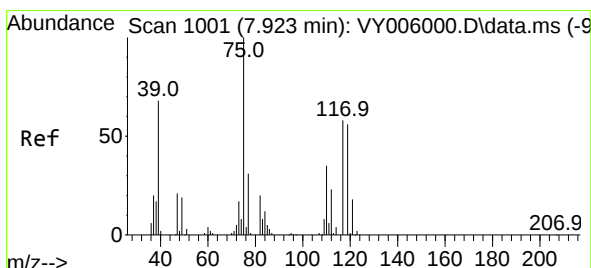
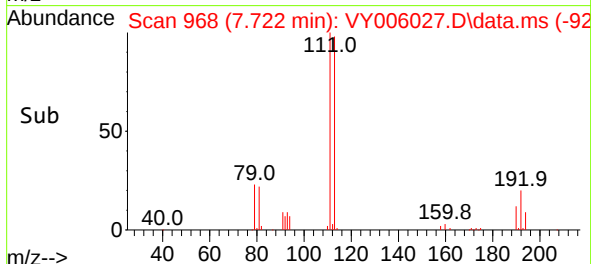
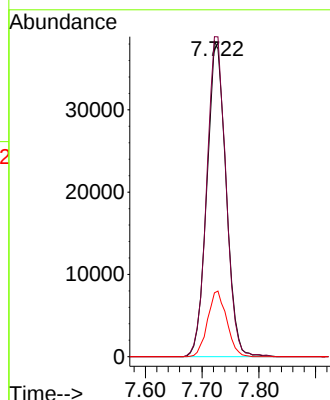
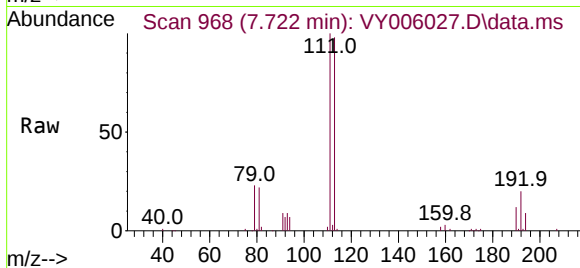
Delta R.T. -0.006 min

Lab File: VY006027.D

Acq: 15 Sep 2021 16:27

Tgt Ion:	113	Resp:	89901
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	20.8	17.6	26.4

Instrument :
MSVOA_Y
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.009 ug/l

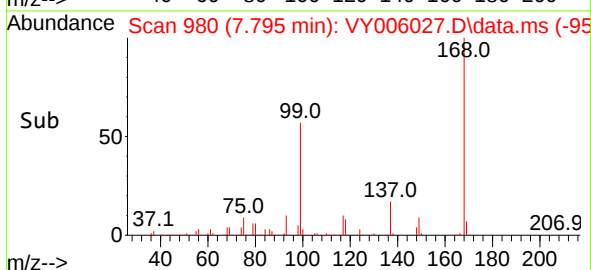
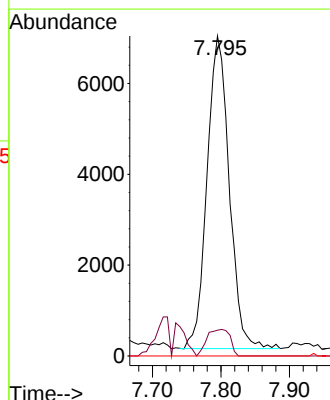
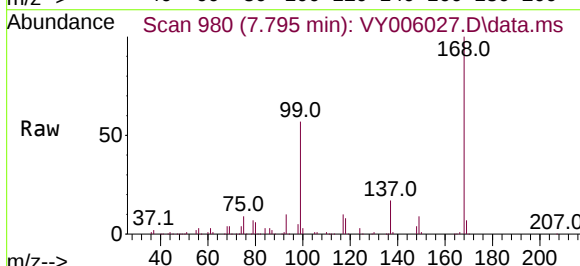
RT: 7.795 min Scan# 980

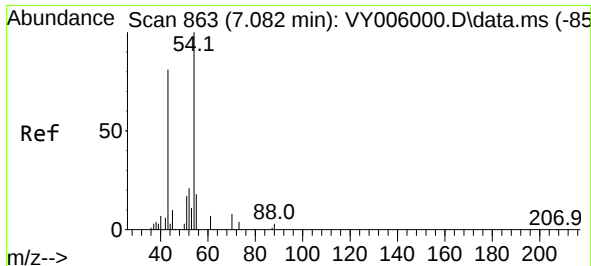
Delta R.T. -0.128 min

Lab File: VY006027.D

Acq: 15 Sep 2021 16:27

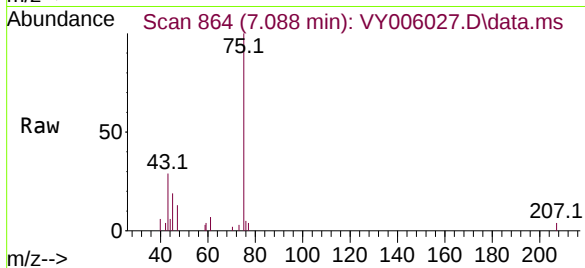
Tgt Ion:	75	Resp:	15526
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.0	24.4	36.6#



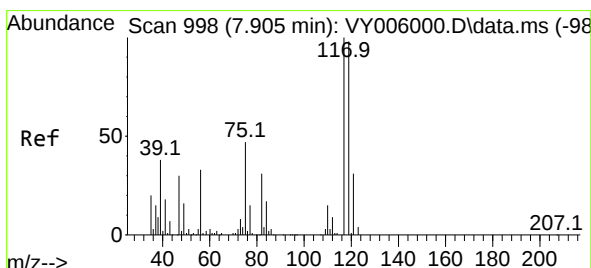
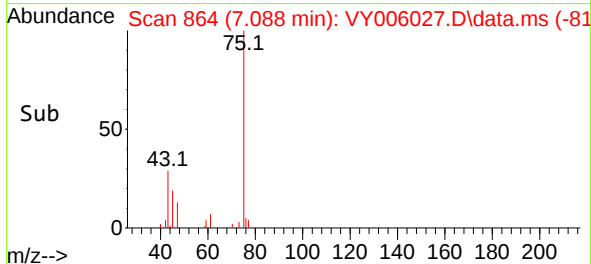
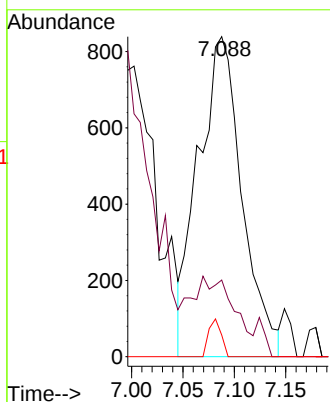


#37
Ethyl Acetate
Concen: 1.161 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

Instrument :
MSVOA_Y
ClientSampled :

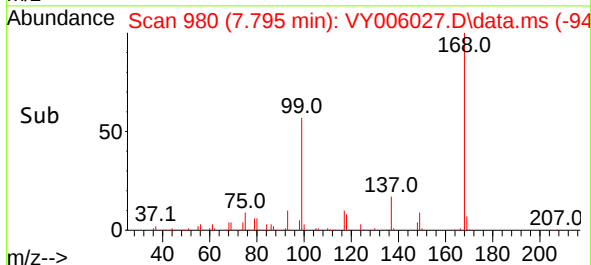
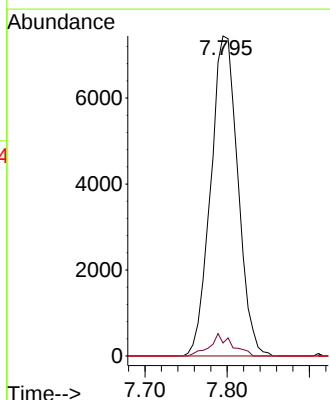
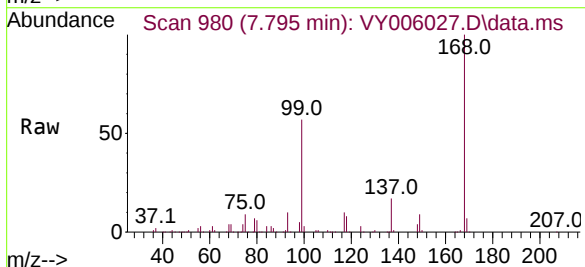


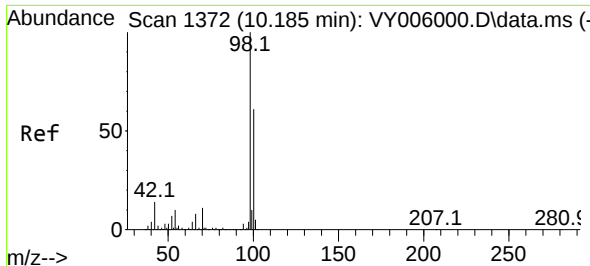
Tgt Ion: 43 Resp: 2486
Ion Ratio Lower Upper
43 100
61 12.7 9.7 14.5
70 3.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.065 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

Tgt Ion: 117 Resp: 17093
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#

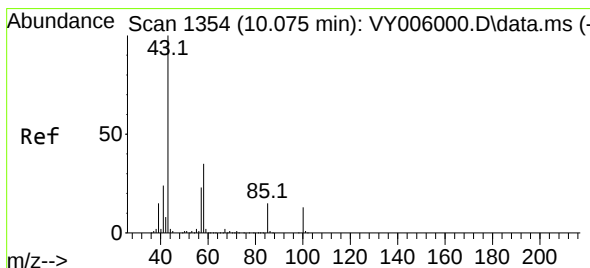
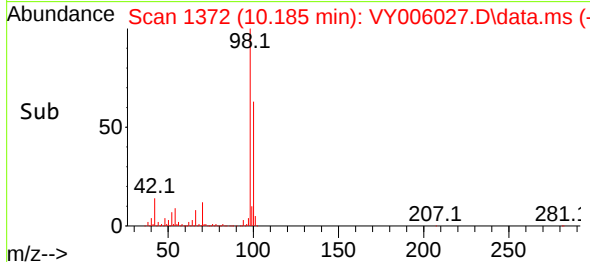
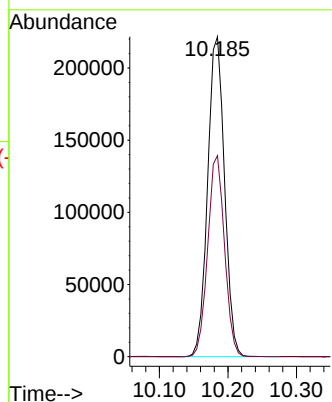
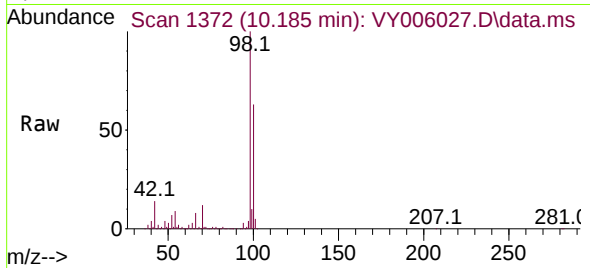




#50
Toluene-d8
Concen: 49.890 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

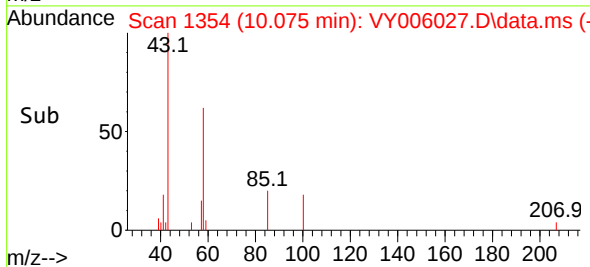
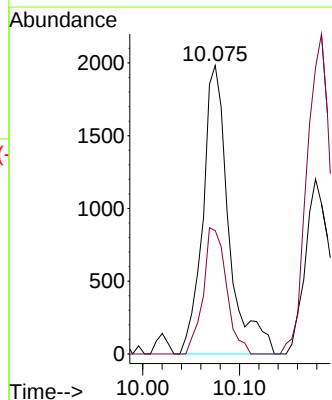
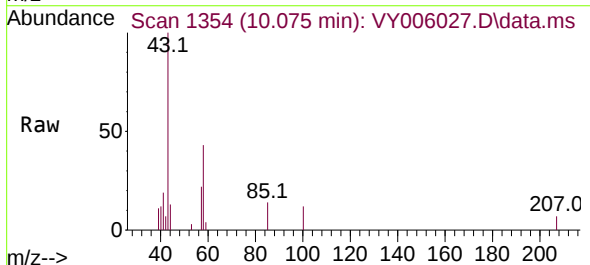
Instrument :
MSVOA_Y
ClientSampled :

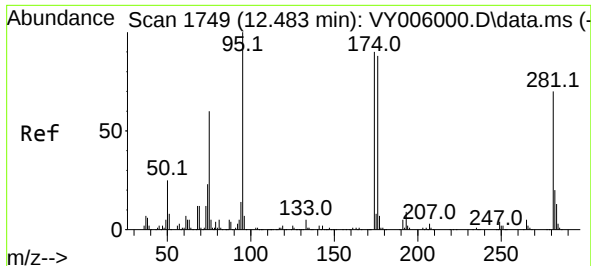
Tgt Ion: 98 Resp: 379312
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.737 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

Tgt Ion: 43 Resp: 3693
Ion Ratio Lower Upper
43 100
58 39.2 28.1 42.1

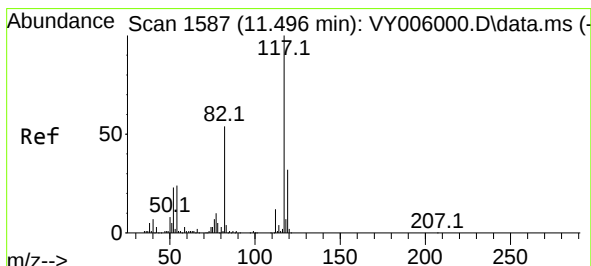
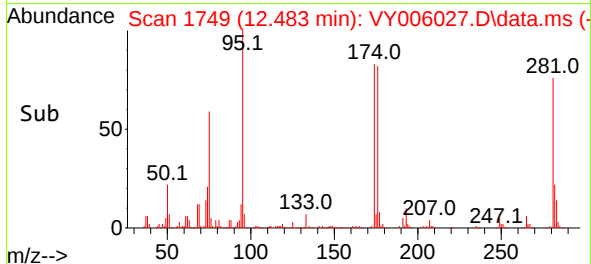
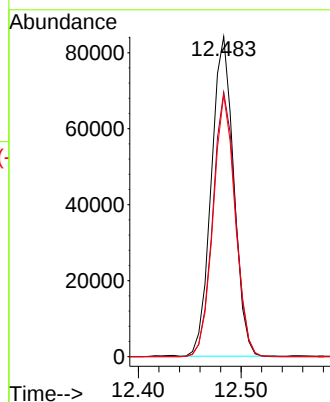
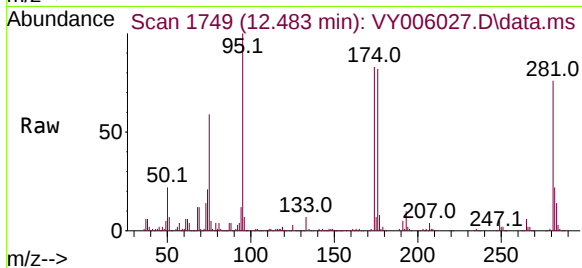




#62
4-Bromofluorobenzene
Concen: 49.265 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

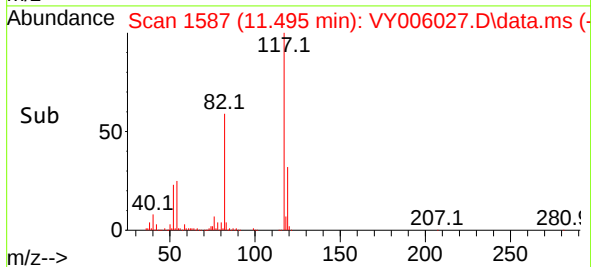
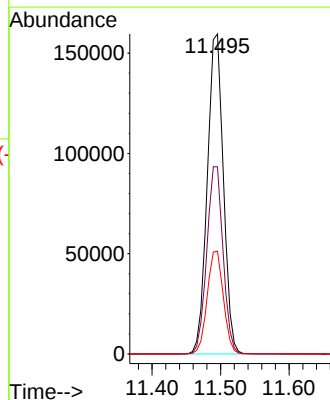
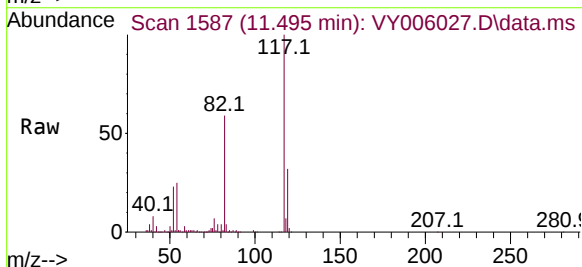
Instrument :
MSVOA_Y
ClientSampleId :

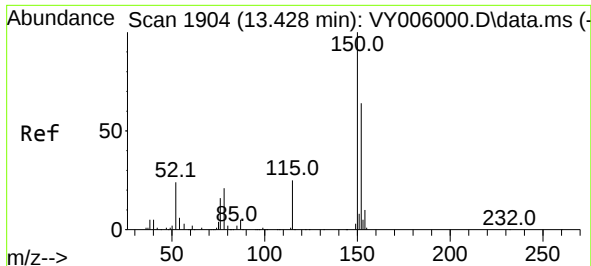
Tgt Ion: 95 Resp: 127168
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006027.D
Acq: 15 Sep 2021 16:27

Tgt Ion: 117 Resp: 260669
Ion Ratio Lower Upper
117 100
82 58.5 43.0 64.4
119 32.1 25.4 38.0

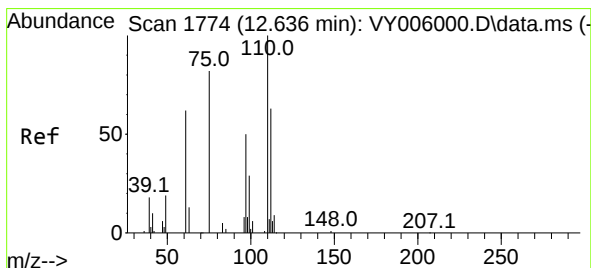
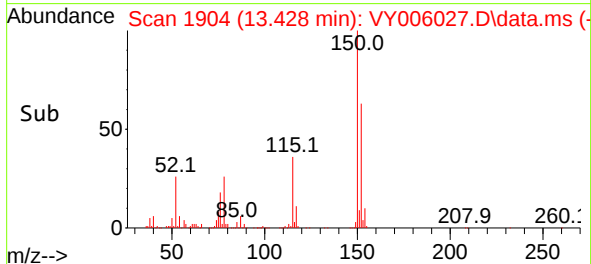
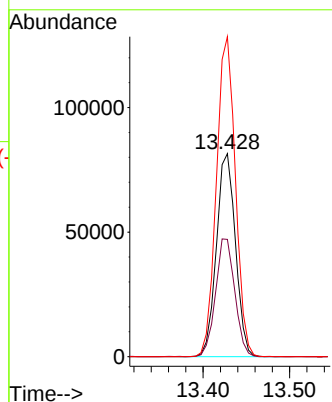
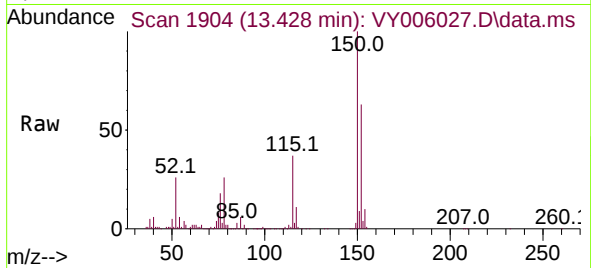




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006027.D
 Acq: 15 Sep 2021 16:27

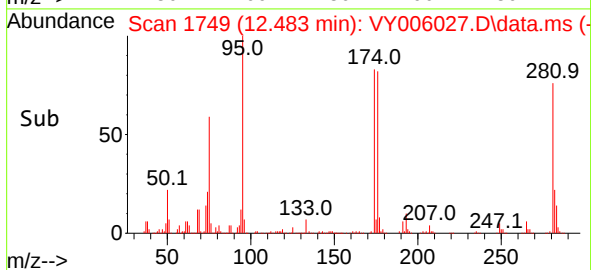
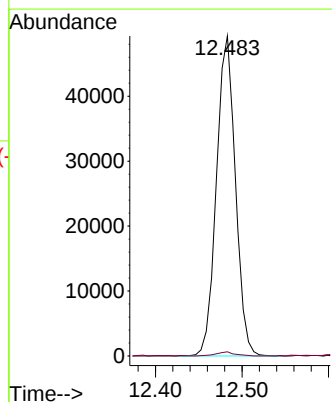
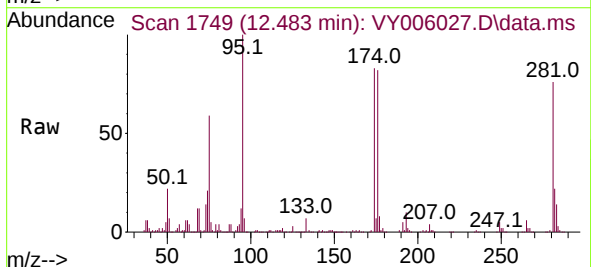
Instrument :
 MSVOA_Y
 ClientSampleId :

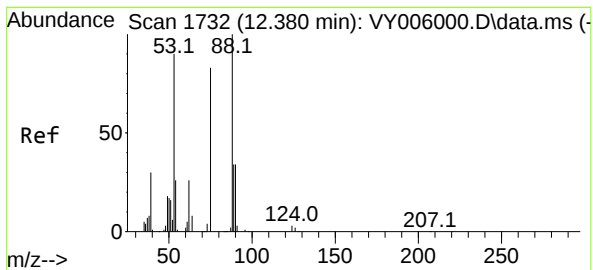
Tgt Ion:152 Resp: 124618
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 56.381 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006027.D
 Acq: 15 Sep 2021 16:27

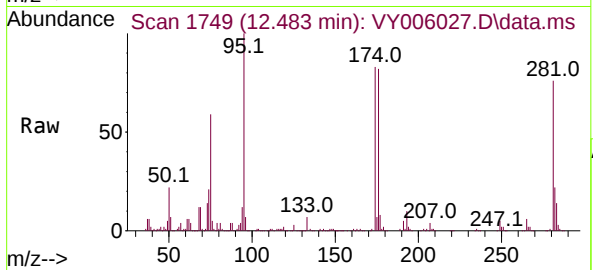
Tgt Ion: 75 Resp: 74911
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.657 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006027.D
 Acq: 15 Sep 2021 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 74911
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 1.0 37.0 55.4#

