

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004423.D
 Acq On : 14 Apr 2021 15:49
 Operator : SY/MD
 Sample : M2036-02
 Misc : 5.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-80-W-ROCKAWAY-A-1

Quant Time: Apr 15 01:08:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

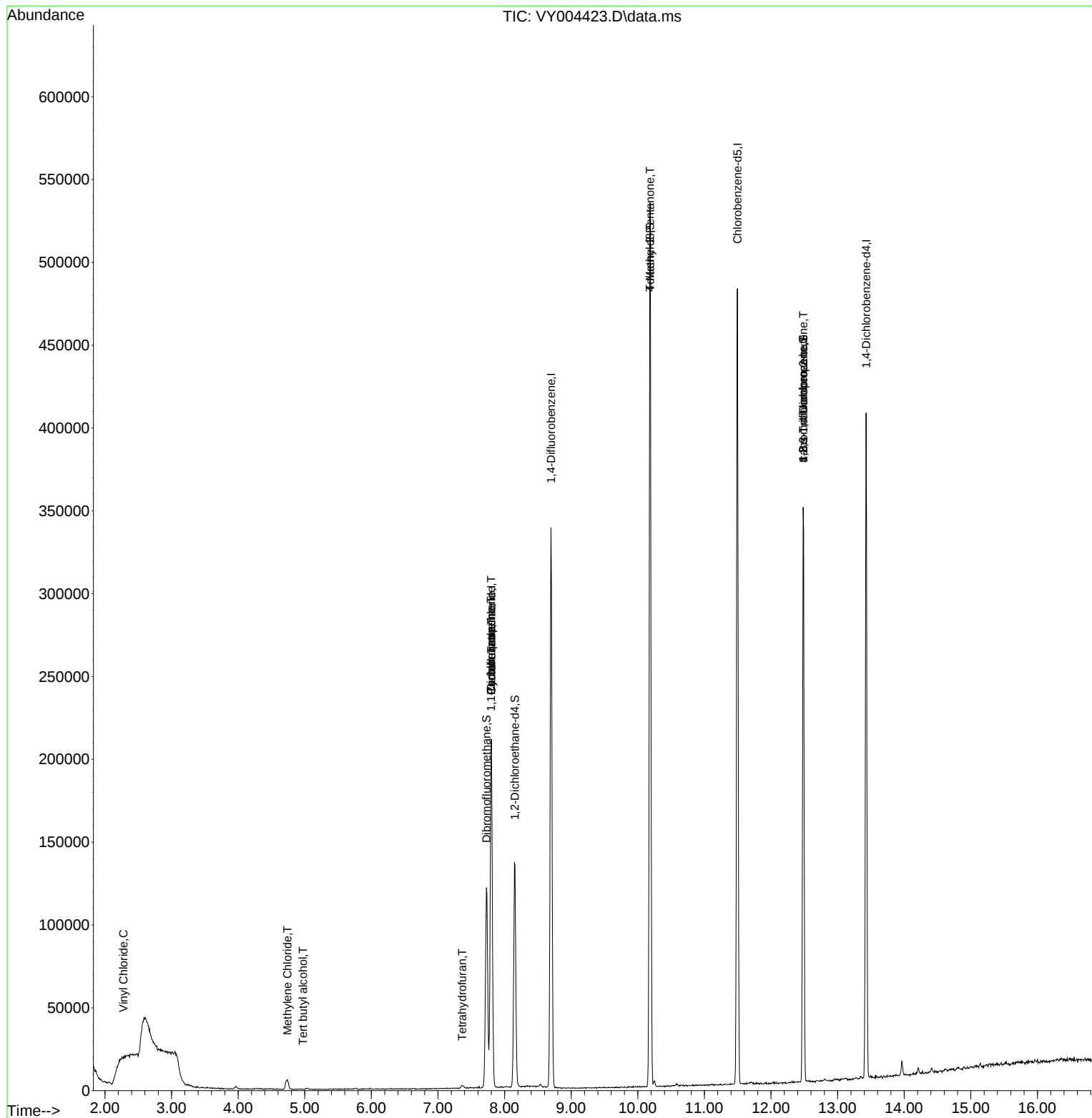
Internal Standards						
1) Pentafluorobenzene	7.801	168	159463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	275705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	247533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	102519	57.86	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.72%
35) Dibromofluoromethane	7.728	113	83881	54.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.64%
50) Toluene-d8	10.185	98	334260	51.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.72%
62) 4-Bromofluorobenzene	12.483	95	103750	46.98	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.96%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.278	62	17467	7.74	ug/l #	43
11) Tert butyl alcohol	4.972	59	185	1.06	ug/l #	73
16) Acetone	3.960	43	2307	Below Cal	#	88
20) Methylene Chloride	4.741	84	4213	2.46	ug/l	87
29) Tetrahydrofuran	7.362	42	1390	2.88	ug/l #	49
31) Cyclohexane	7.801	56	3845	1.18	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	12774	4.66	ug/l #	51
38) Carbon Tetrachloride	7.801	117	15590	6.58	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1917	1.12	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	56832	55.34	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56832	99.00	ug/l #	12

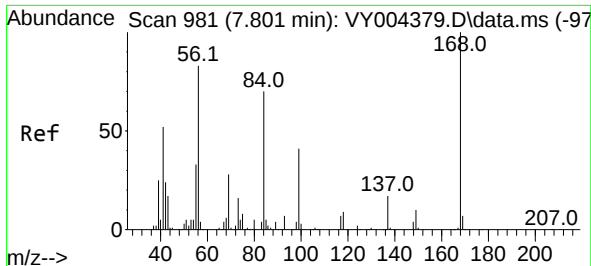
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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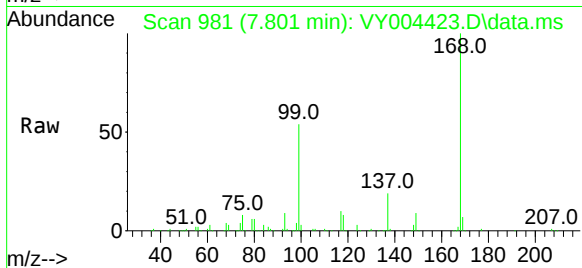
Quant Time: Apr 15 01:08:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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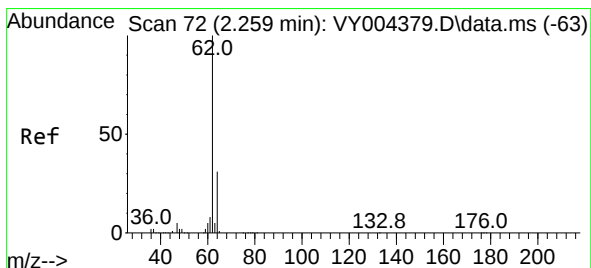
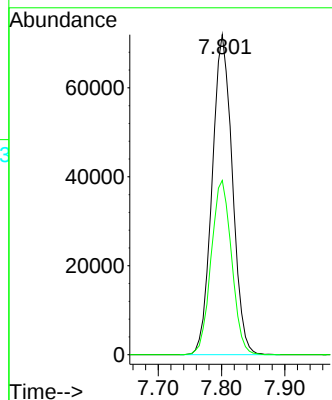
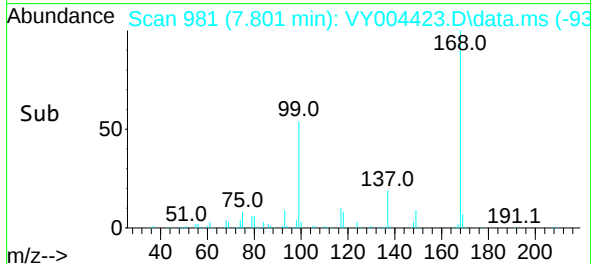


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

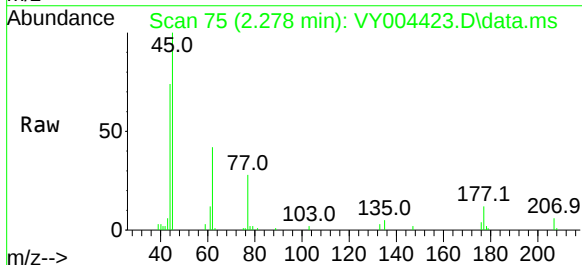
Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-A-1



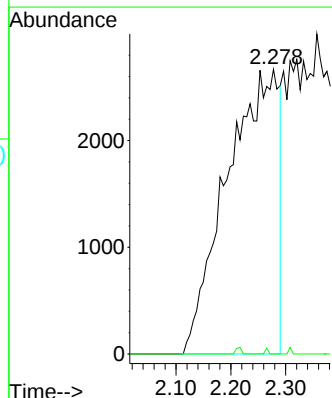
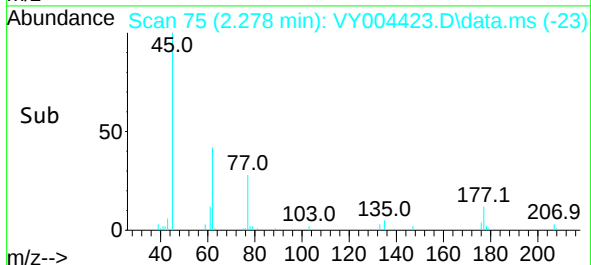
Tgt Ion:168 Resp: 159463
Ion Ratio Lower Upper
168 100
99 54.5 45.5 68.3

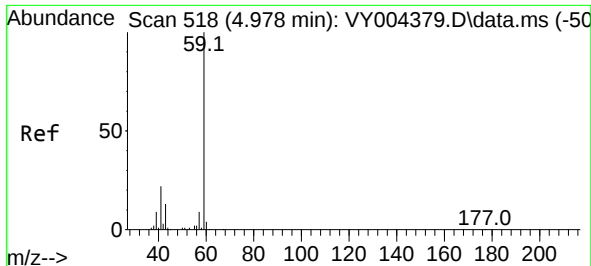


#4
Vinyl Chloride
Concen: 7.74 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.019 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49



Tgt Ion: 62 Resp: 17467
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



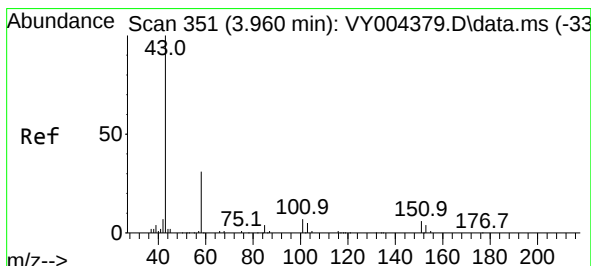
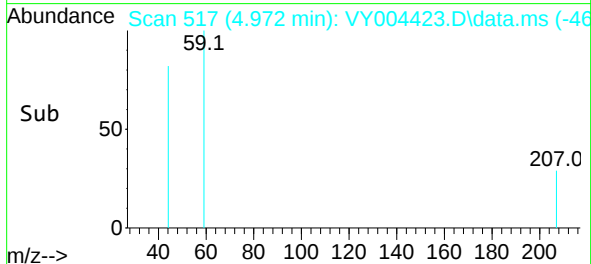
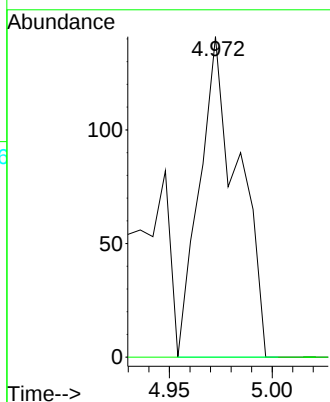
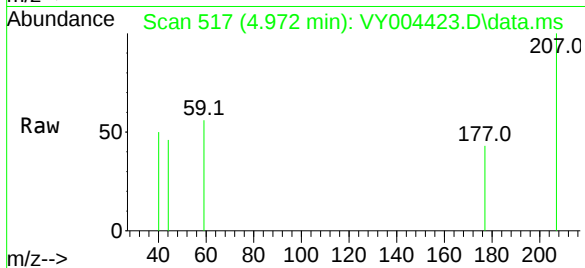


#11

Tert butyl alcohol
Concen: 1.06 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

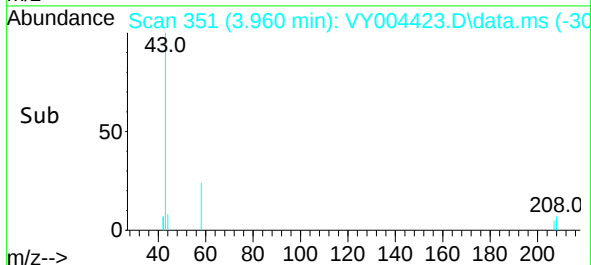
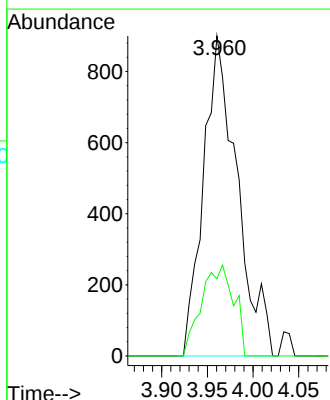
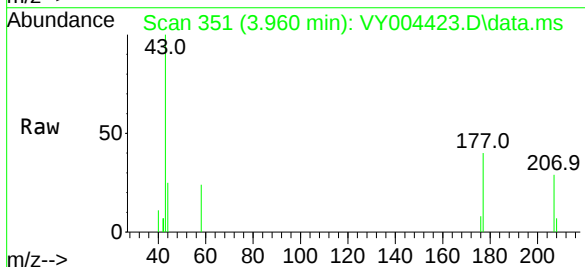
Tgt Ion: 59 Resp: 185
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

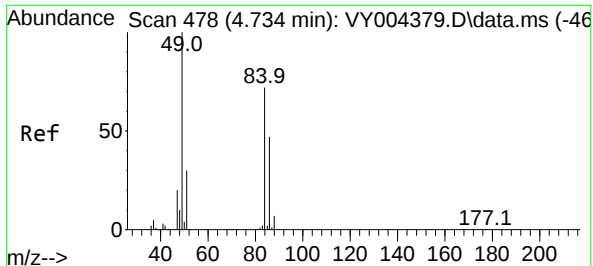


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

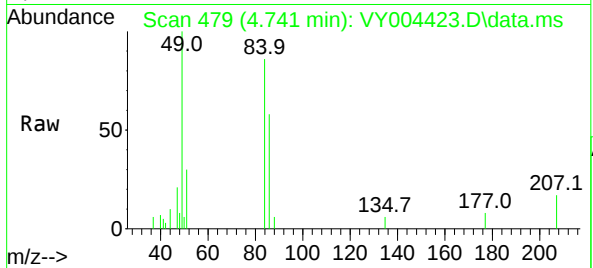
Tgt Ion: 43 Resp: 2307
Ion Ratio Lower Upper
43 100
58 24.1 24.6 37.0#



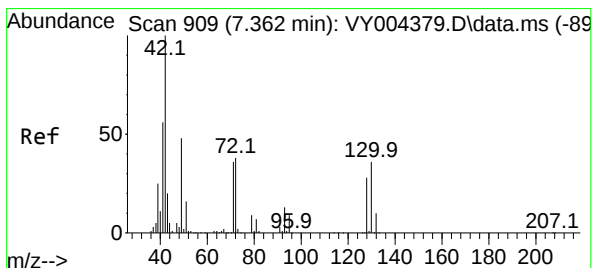
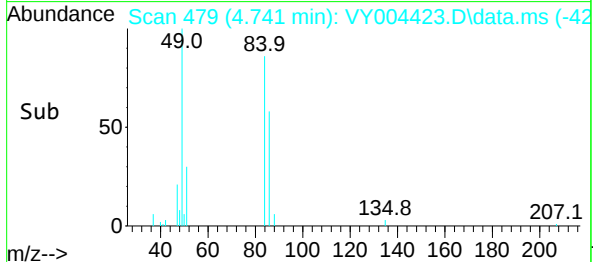
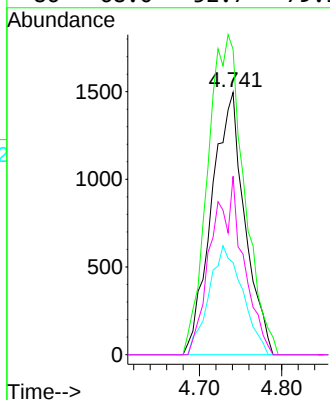


#20
Methylene Chloride
Concen: 2.46 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

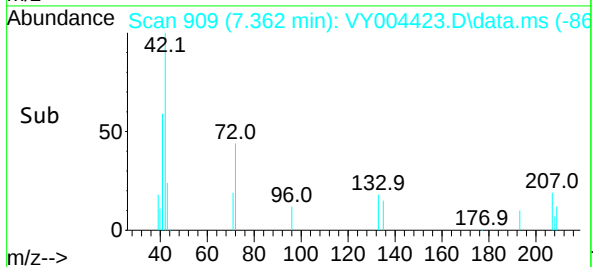
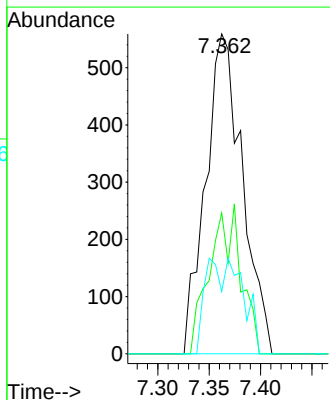
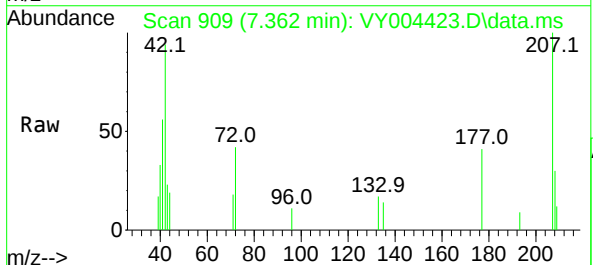


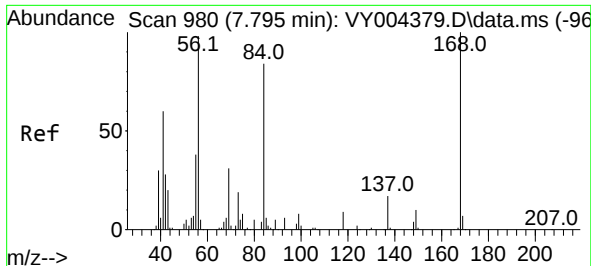
Tgt Ion:	84	Resp:	4213
Ion	Ratio	Lower	Upper
84	100		
49	116.4	111.2	166.8
51	35.1	33.4	50.2
86	68.0	52.7	79.1



#29
Tetrahydrofuran
Concen: 2.88 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

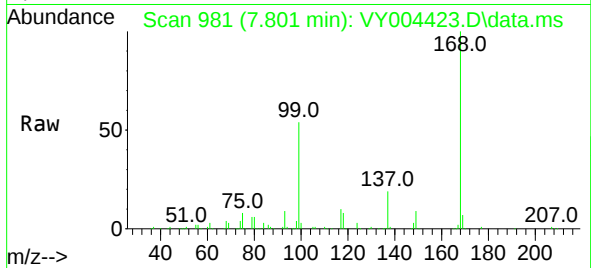
Tgt Ion:	42	Resp:	1390
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.0	46.4#
71	14.2	28.8	43.2#



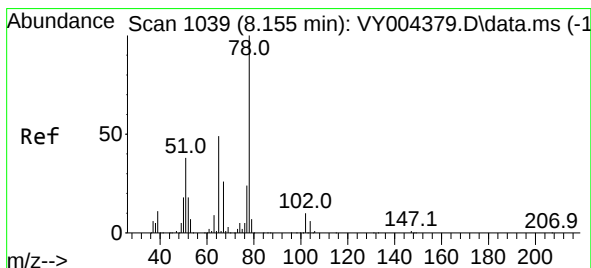
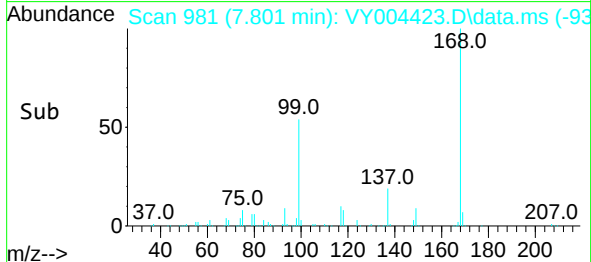
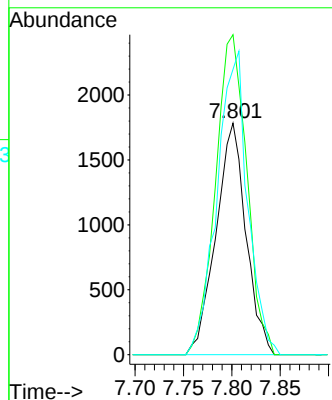


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

Instrument :
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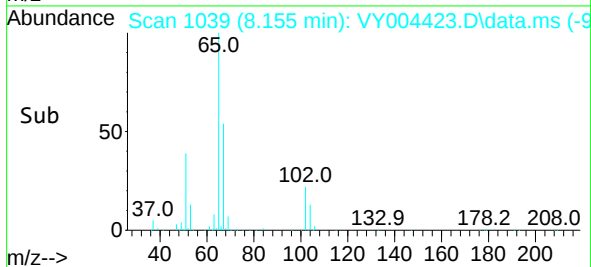
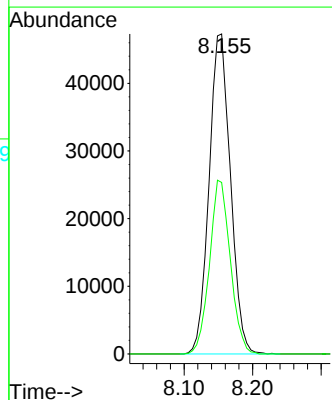
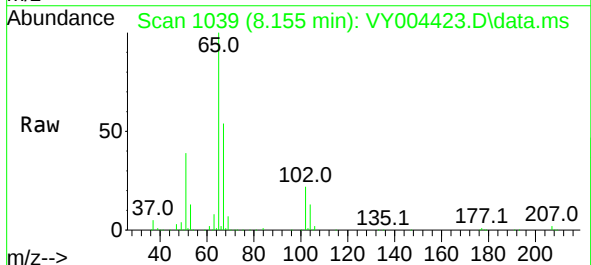


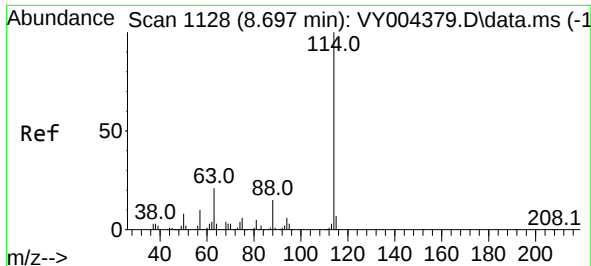
Tgt Ion: 56 Resp: 3845
Ion Ratio Lower Upper
56 100
69 138.3 25.8 38.6#
84 123.3 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 57.86 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

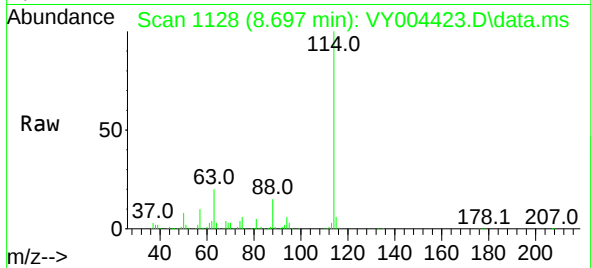
Tgt Ion: 65 Resp: 102519
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4



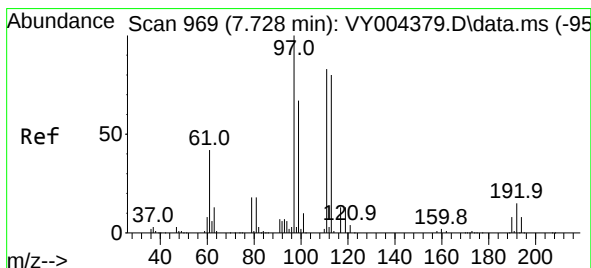
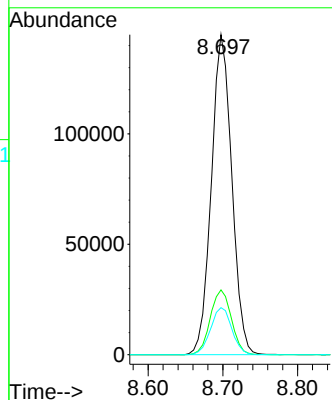
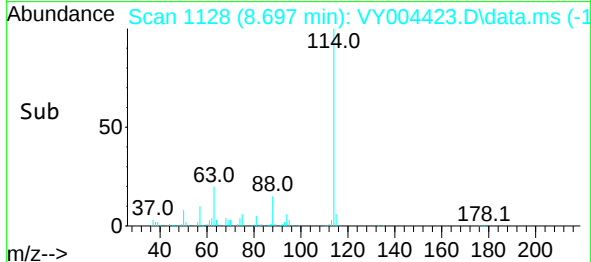


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

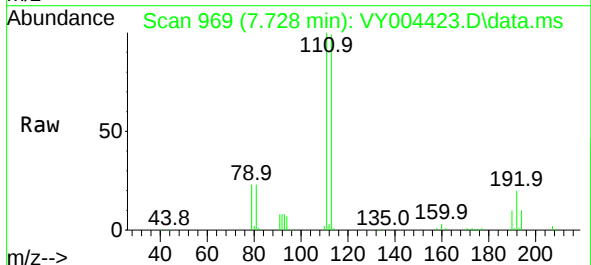
Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-A-1



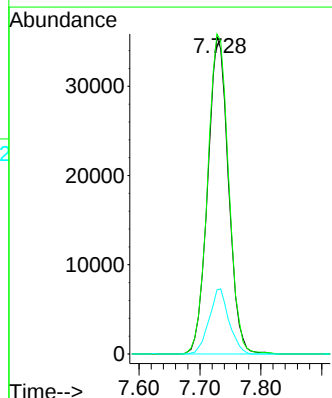
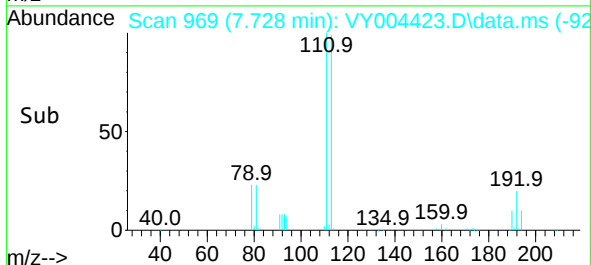
Tgt Ion:114 Resp: 275705
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.4
88 14.7 0.0 30.8

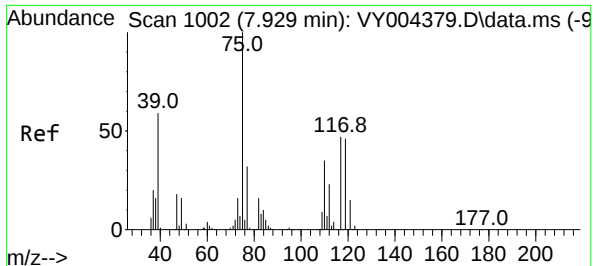


#35
Dibromofluoromethane
Concen: 54.82 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49



Tgt Ion:113 Resp: 83881
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 19.6 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 7.795 min Scan# 980

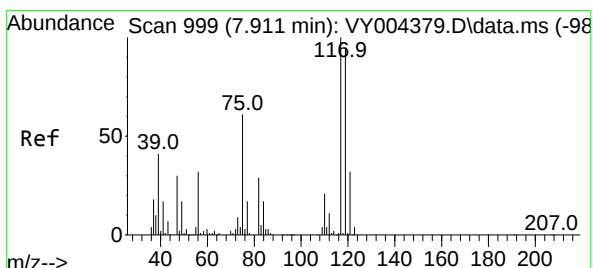
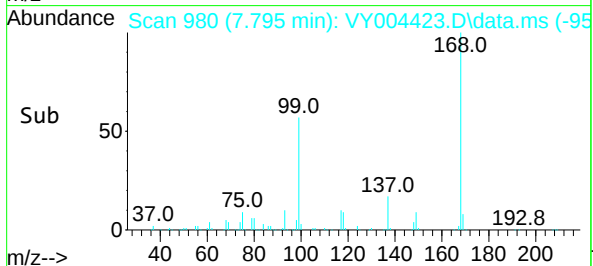
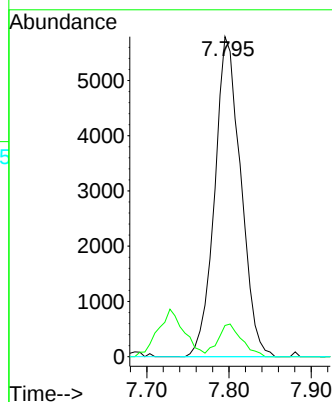
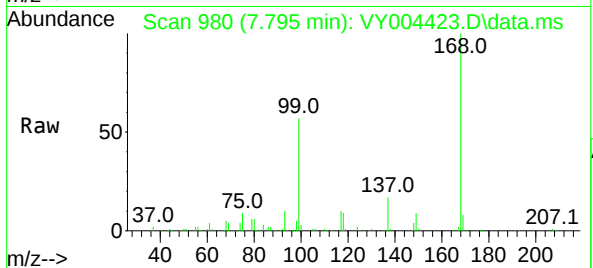
Delta R.T. -0.134 min

Lab File: VY004423.D

Acq: 14 Apr 2021 15:49

Tgt Ion:	75	Resp:	12774
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.3	51.7#
77	0.0	24.3	36.5#

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ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 6.58 ug/l

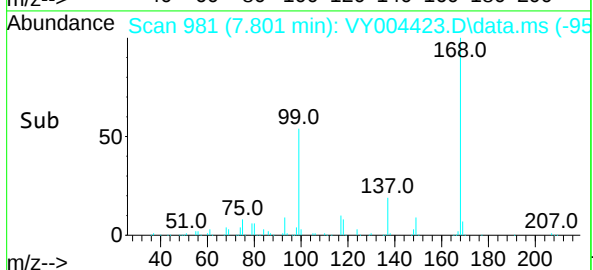
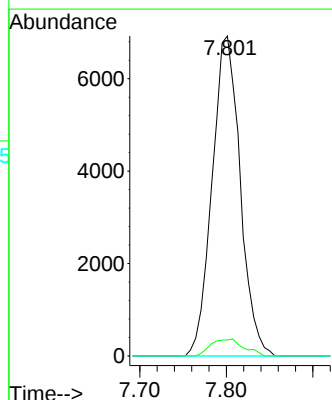
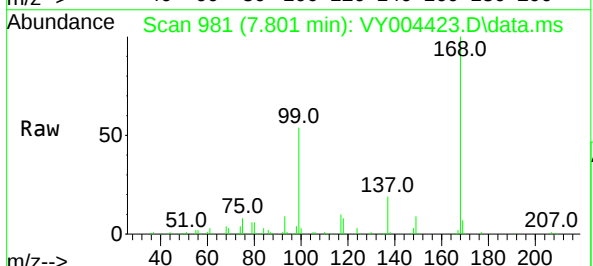
RT: 7.801 min Scan# 981

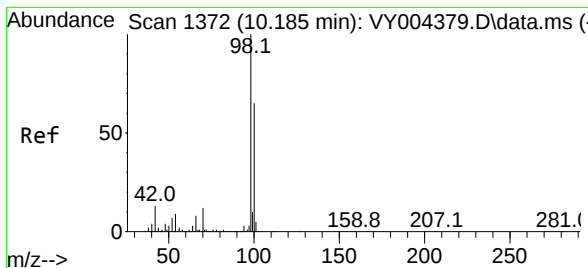
Delta R.T. -0.109 min

Lab File: VY004423.D

Acq: 14 Apr 2021 15:49

Tgt Ion:	117	Resp:	15590
Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.8#
121	0.0	25.3	37.9#

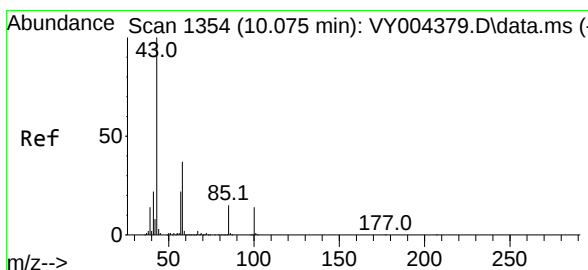
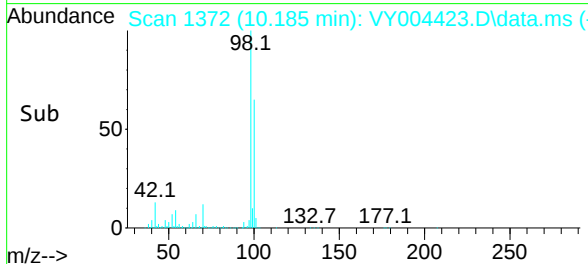
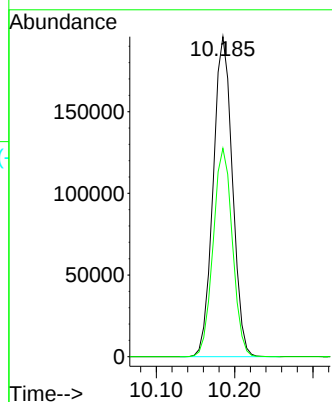
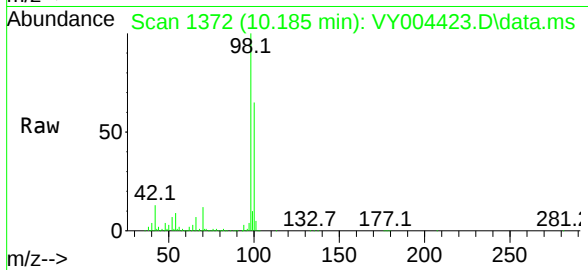




#50
Toluene-d8
Concen: 51.36 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

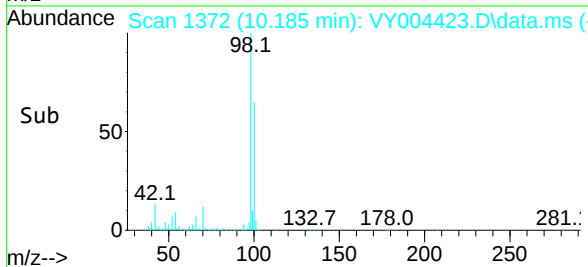
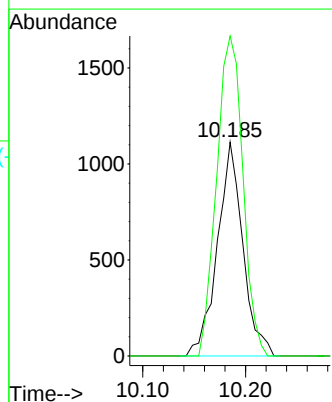
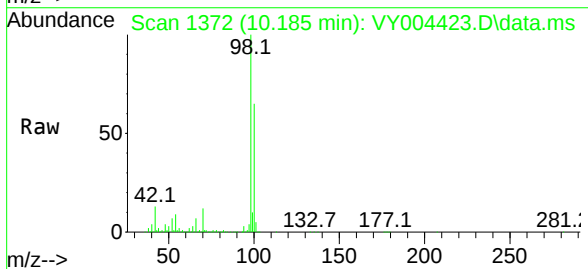
Instrument :
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RT-80-W-ROCKAWAY-A-1

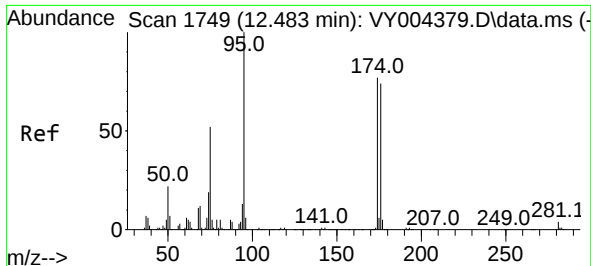
Tgt Ion: 98 Resp: 334260
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.12 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
58 154.0 29.2 43.8#

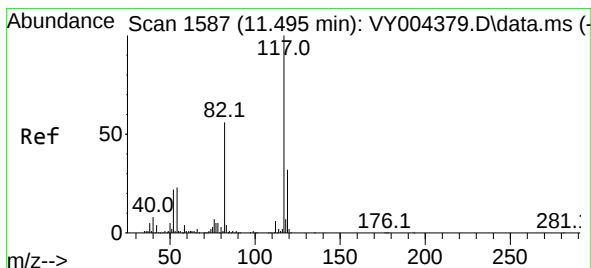
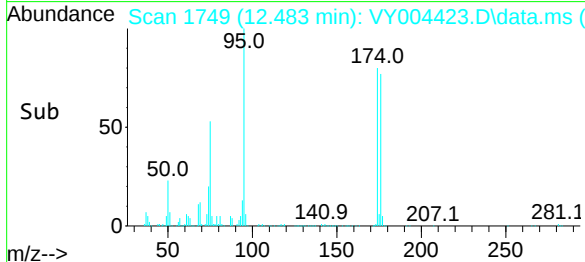
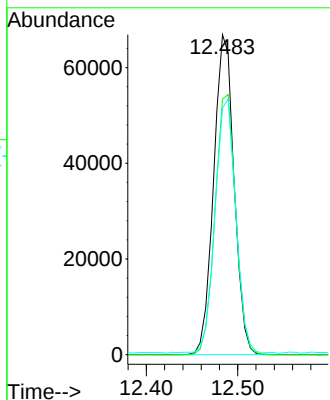
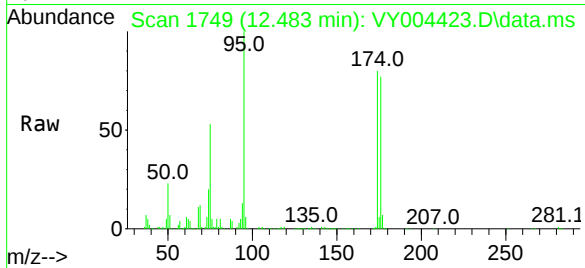




#62
4-Bromofluorobenzene
Concen: 46.98 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

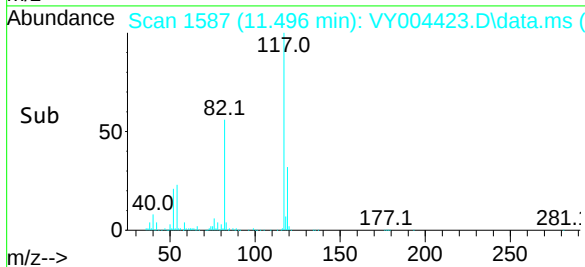
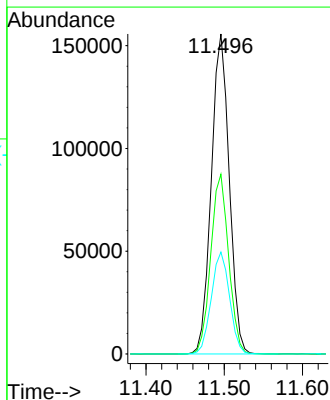
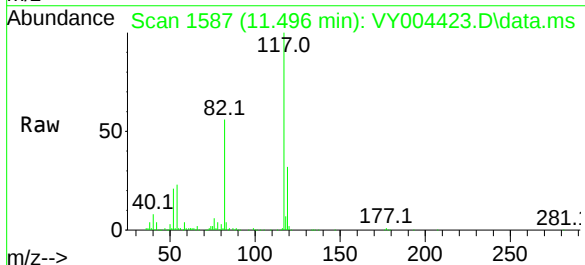
Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

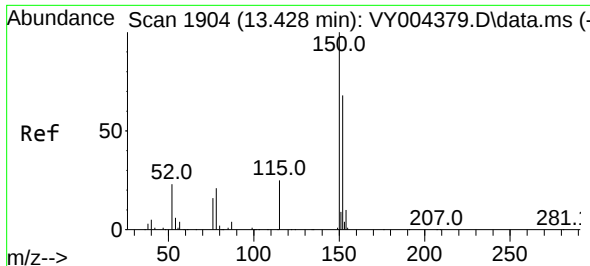
Tgt Ion: 95 Resp: 103750
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 80.9 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

Tgt Ion: 117 Resp: 247533
Ion Ratio Lower Upper
117 100
82 56.2 44.9 67.3
119 31.9 25.4 38.0

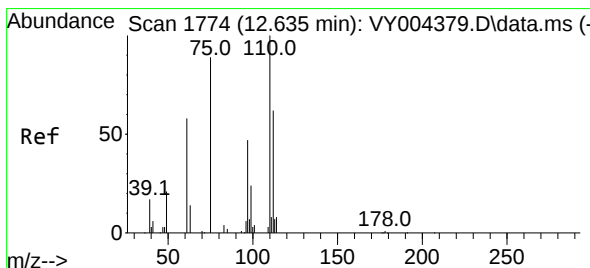
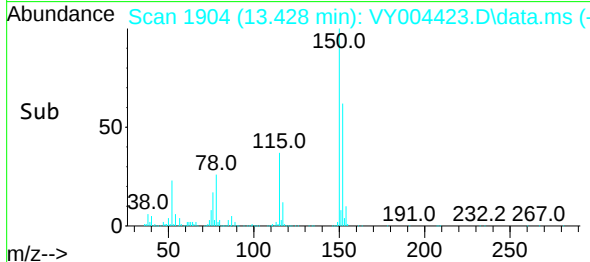
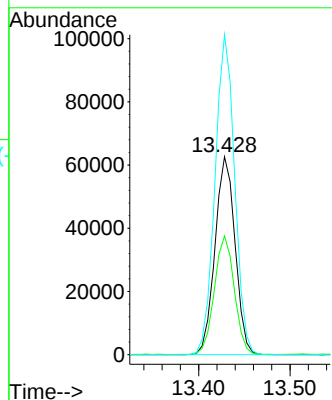
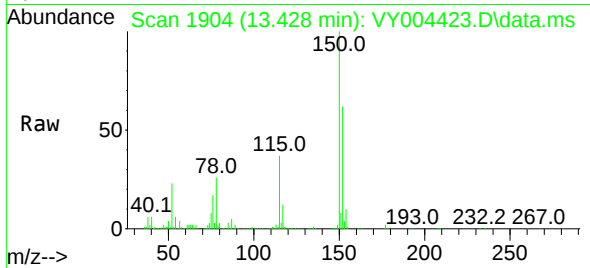




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

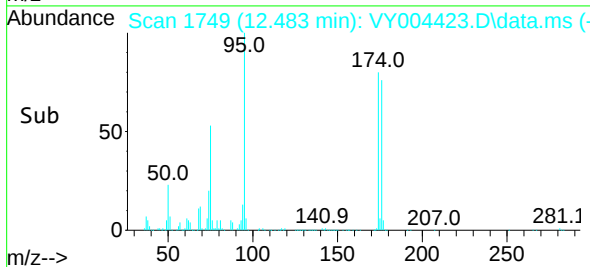
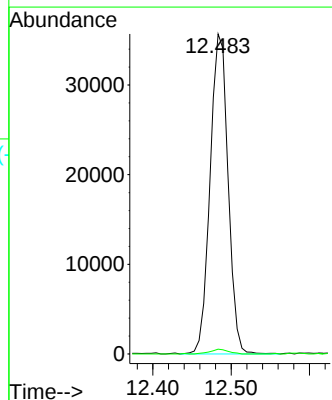
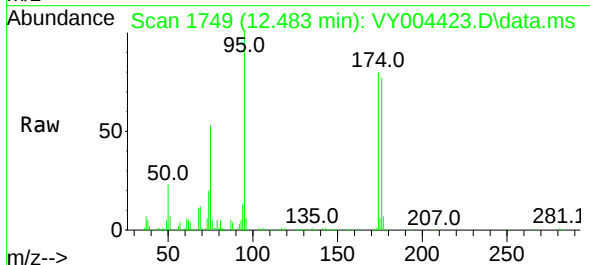
Instrument :
MSVOA_Y
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

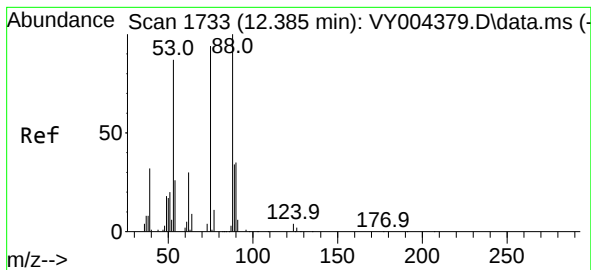
Tgt Ion:152 Resp: 95687
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.8
150 158.3 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 55.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004423.D
Acq: 14 Apr 2021 15:49

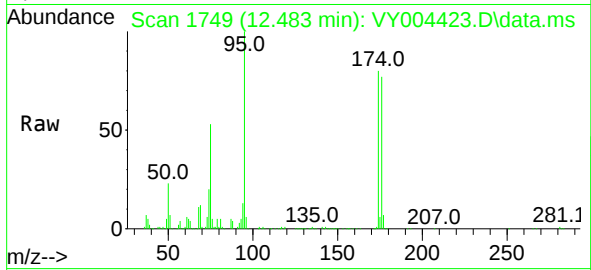
Tgt Ion: 75 Resp: 56832
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.00 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004423.D
 Acq: 14 Apr 2021 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-80-W-ROCKAWAY-A-1



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.2	36.1	54.1#

