

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004427.D
 Acq On : 14 Apr 2021 17:22
 Operator : SY/MD
 Sample : M2025-09
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3

Quant Time: Apr 15 01:09:31 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)

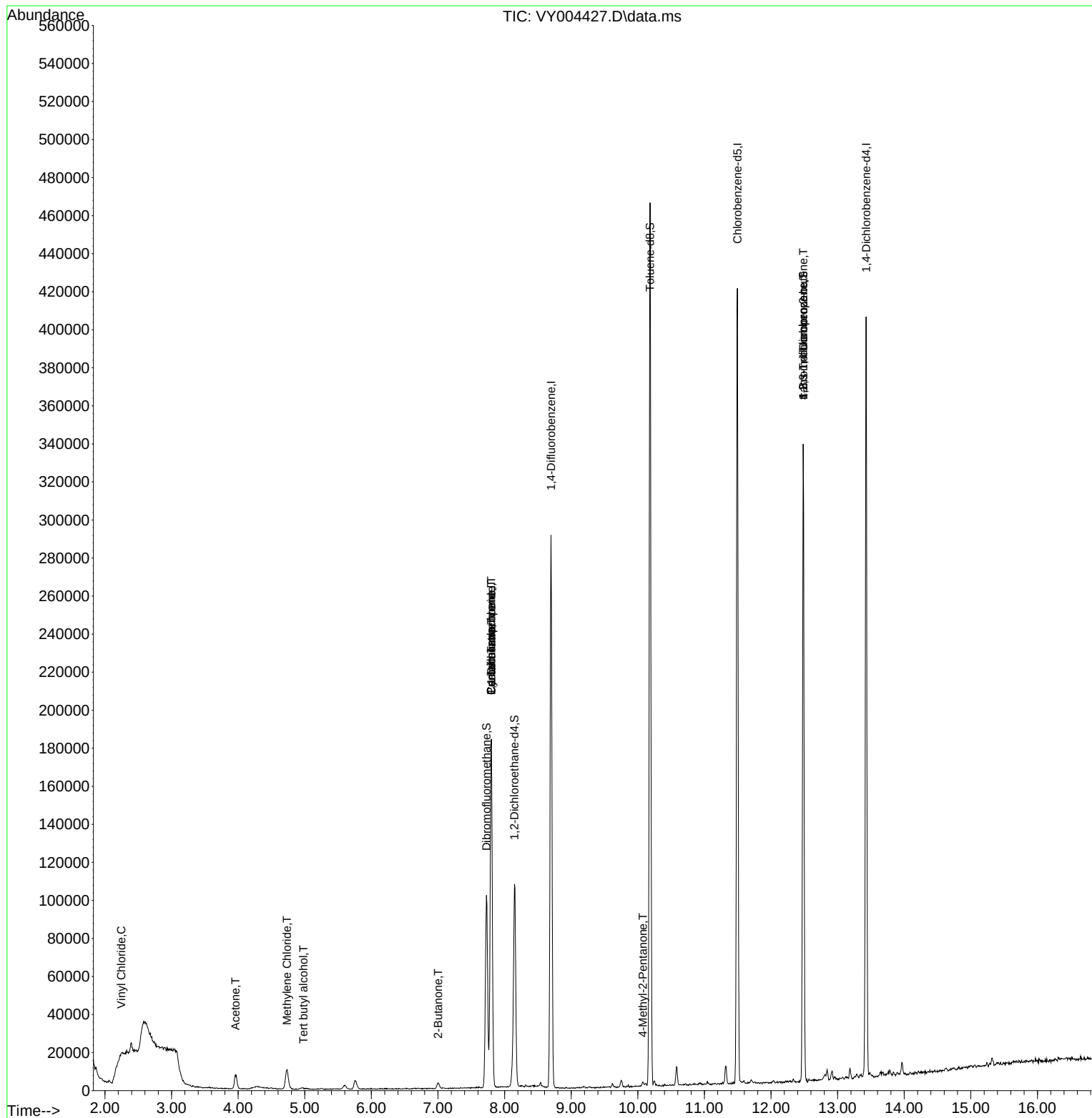
Internal Standards						
1) Pentafluorobenzene	7.801	168	140082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	217251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79484	51.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.14%			
35) Dibromofluoromethane	7.728	113	69705	53.14	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.28%			
50) Toluene-d8	10.185	98	290956	52.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.28%			
62) 4-Bromofluorobenzene	12.483	95	95230	50.29	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.58%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.247	62	14626	7.38	ug/l #	43
11) Tert butyl alcohol	4.978	59	1339	8.73	ug/l #	73
16) Acetone	3.960	43	13631	23.87	ug/l	95
20) Methylene Chloride	4.734	84	7309	4.86	ug/l	97
25) 2-Butanone	7.002	43	5123	8.64	ug/l #	85
31) Cyclohexane	7.801	56	3273	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	11228	4.78	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13374	6.59	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	1754	1.19	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	52015	50.64	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52015	90.58	ug/l #	12

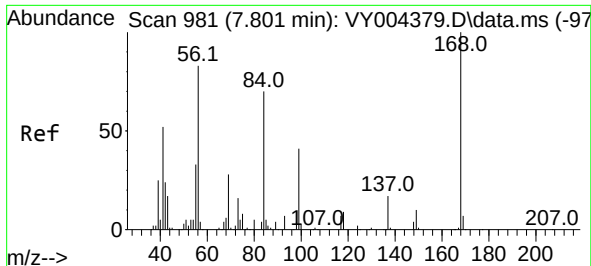
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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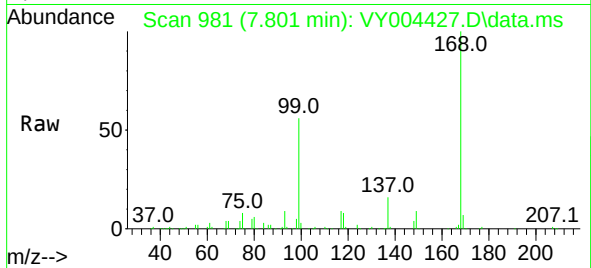
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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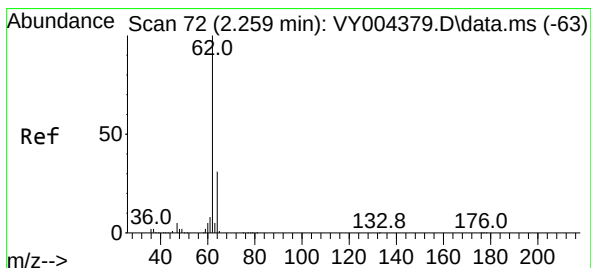
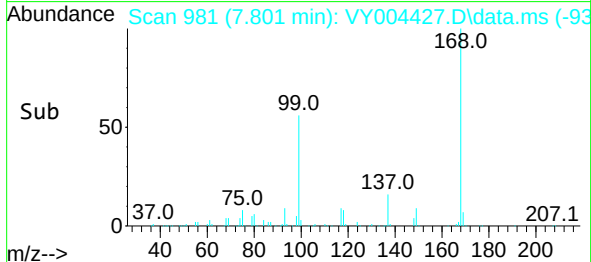
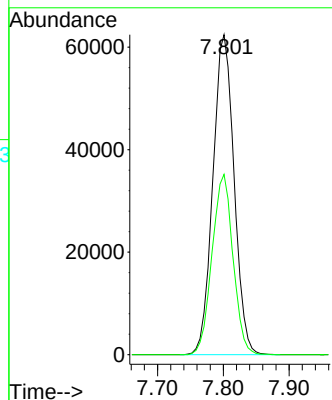


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

Instrument :
MSVOA_Y
ClientSampleId :
WC-3

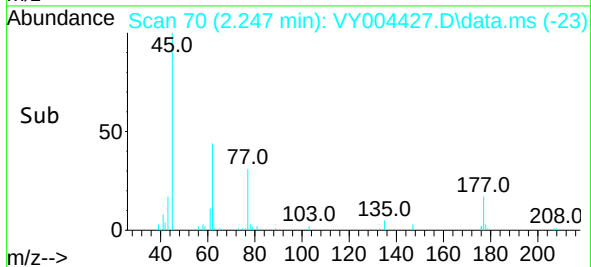
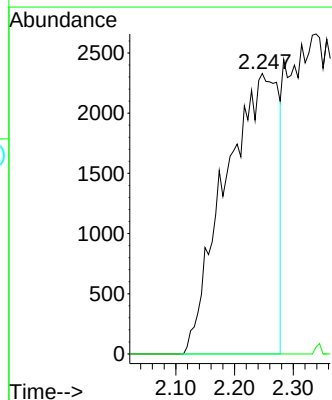
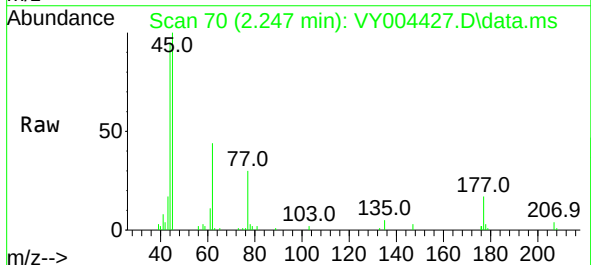


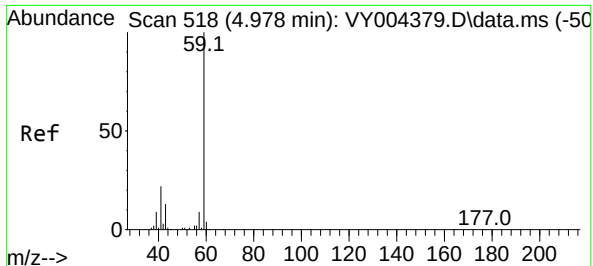
Tgt Ion: 168 Resp: 140082
Ion Ratio Lower Upper
168 100
99 56.3 45.5 68.3



#4
Vinyl Chloride
Concen: 7.38 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

Tgt Ion: 62 Resp: 14626
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



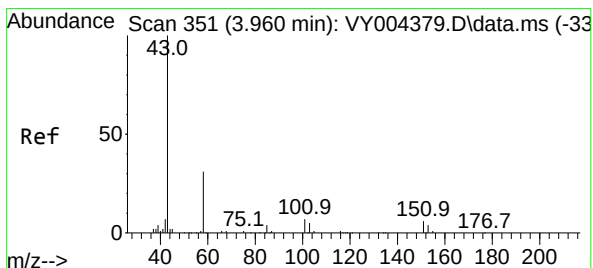
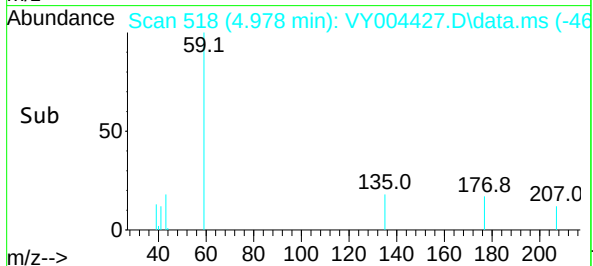
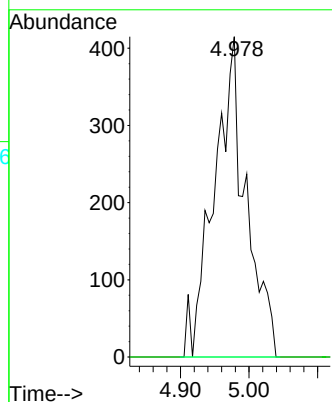
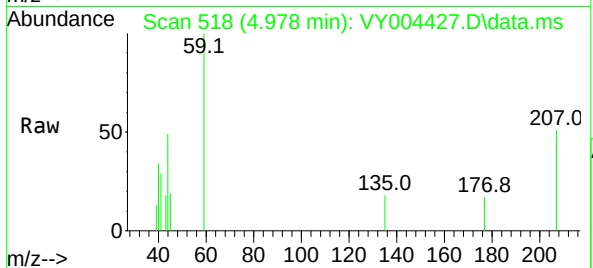


#11

Tert butyl alcohol
Concen: 8.73 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

Instrument :
MSVOA_Y
ClientSampled :
WC-3

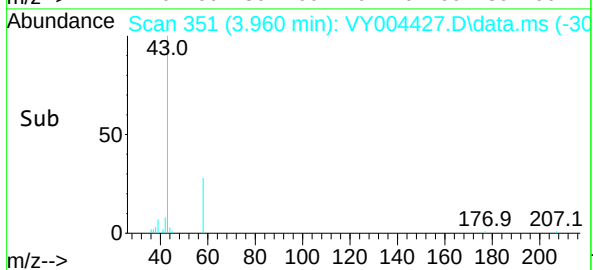
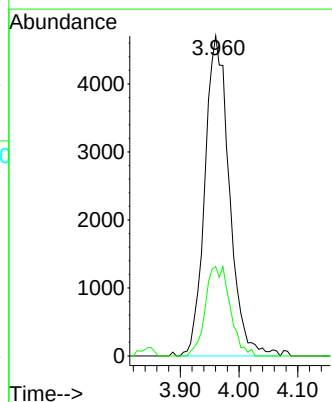
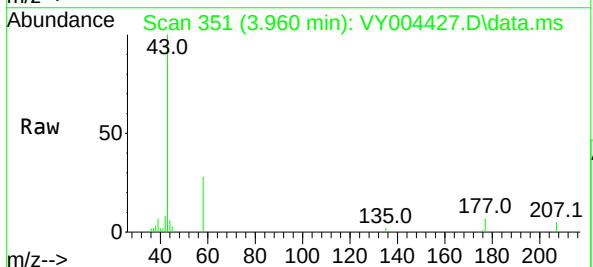
Tgt Ion: 59 Resp: 1339
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

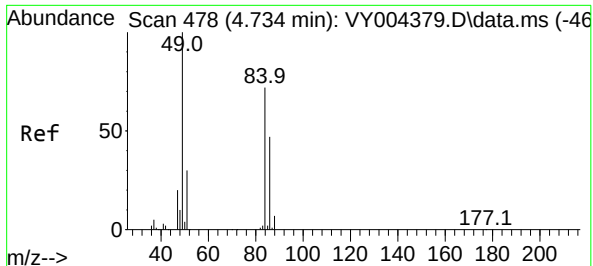


#16

Acetone
Concen: 23.87 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

Tgt Ion: 43 Resp: 13631
Ion Ratio Lower Upper
43 100
58 27.9 24.6 37.0





#20

Methylene Chloride

Concen: 4.86 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY004427.D

Acq: 14 Apr 2021 17:22

Instrument :
MSVOA_Y
ClientSampled :
WC-3

Tgt Ion: 84 Resp: 7309

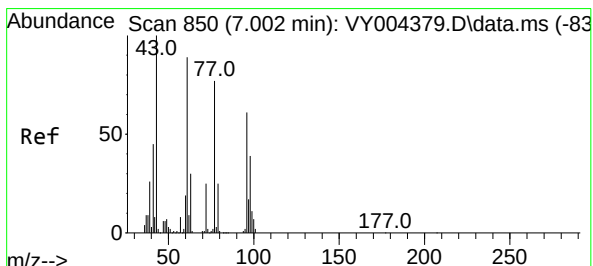
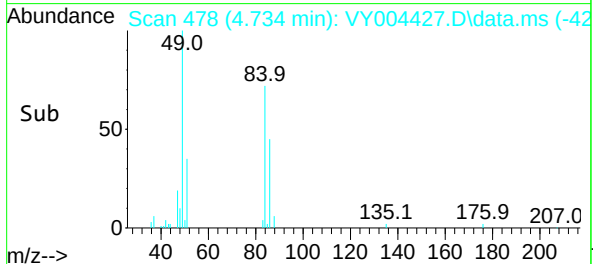
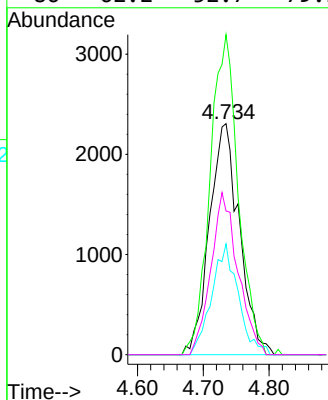
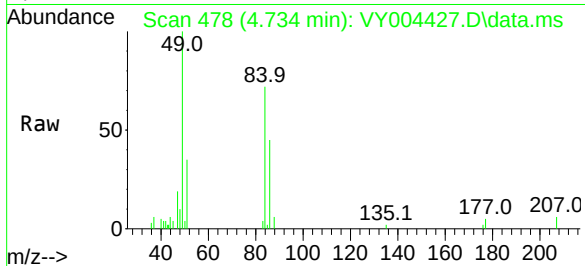
Ion Ratio Lower Upper

84 100

49 138.5 111.2 166.8

51 47.9 33.4 50.2

86 62.2 52.7 79.1



#25

2-Butanone

Concen: 8.64 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY004427.D

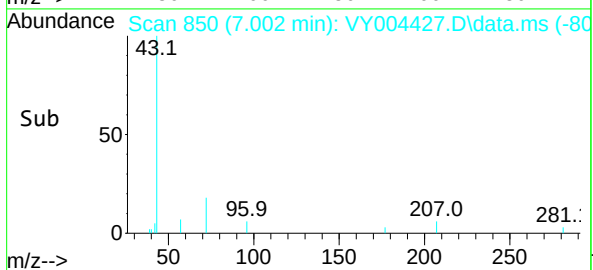
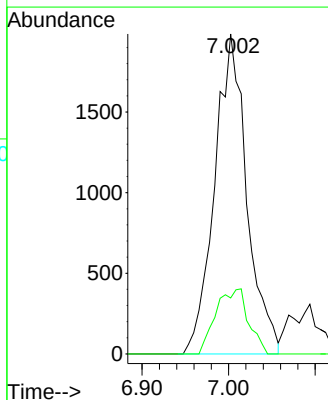
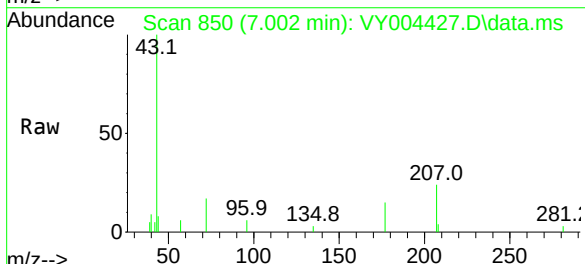
Acq: 14 Apr 2021 17:22

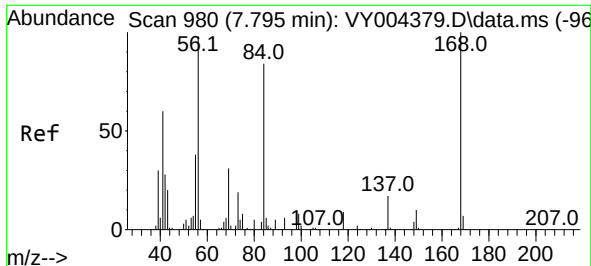
Tgt Ion: 43 Resp: 5123

Ion Ratio Lower Upper

43 100

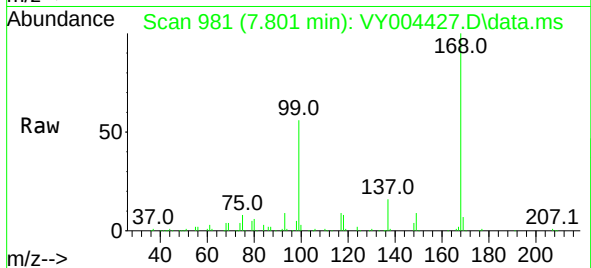
72 17.5 20.2 30.2#



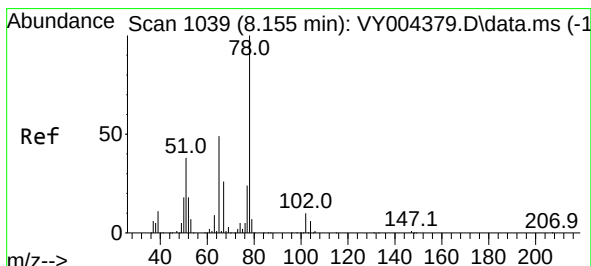
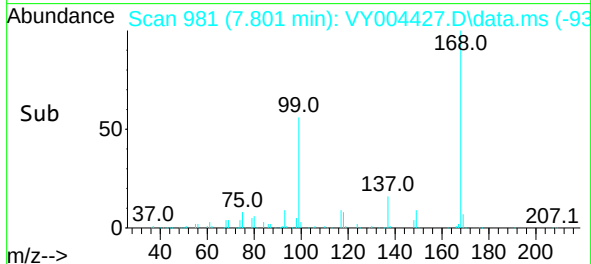
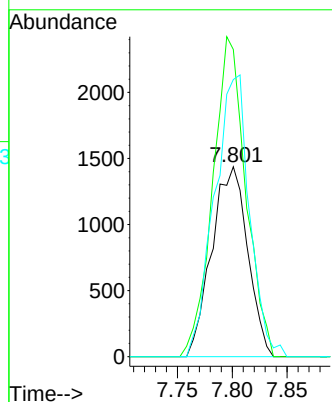


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

Instrument :
MSVOA_Y
ClientSampled :
WC-3

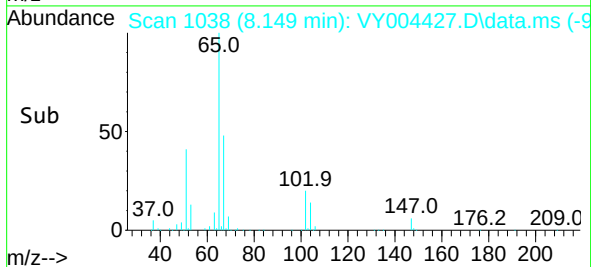
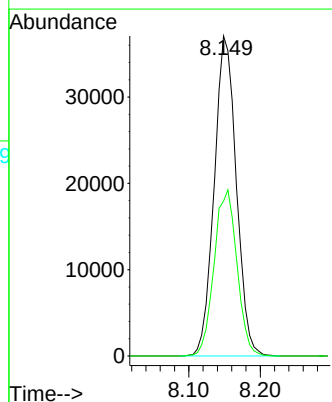
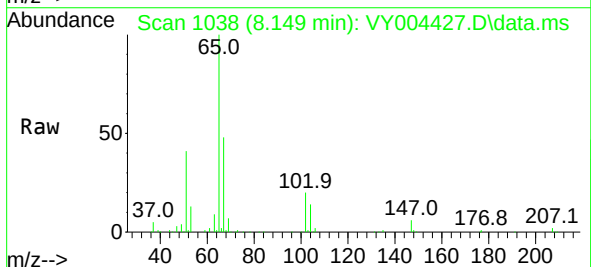


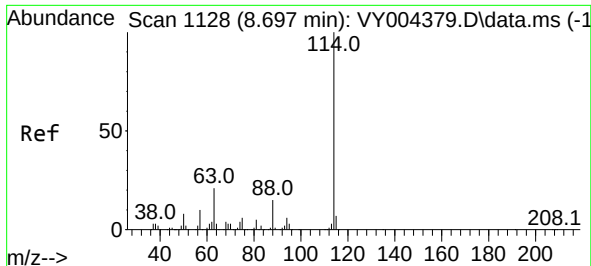
Tgt Ion: 56 Resp: 3273
Ion Ratio Lower Upper
56 100
69 161.8 25.8 38.6#
84 146.0 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 51.07 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

Tgt Ion: 65 Resp: 79484
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.4

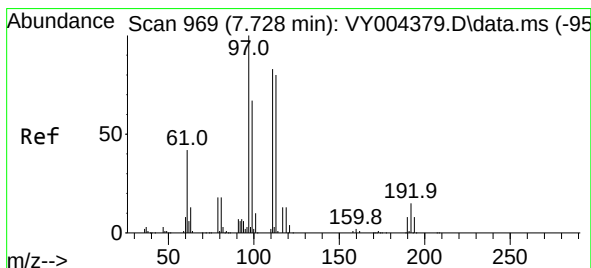
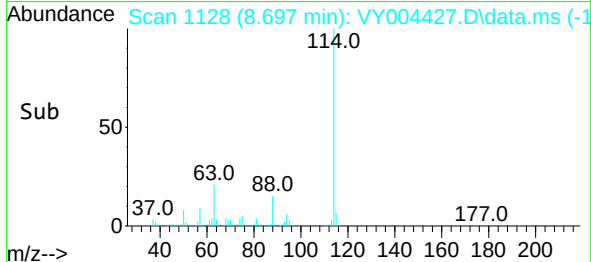
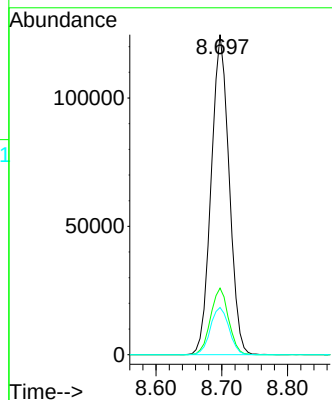
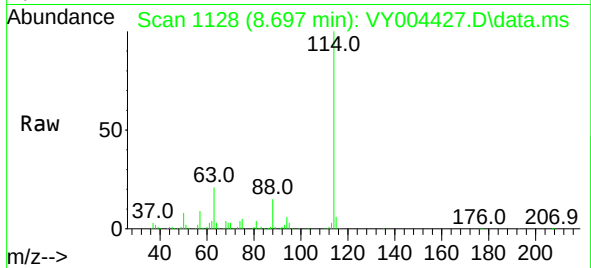




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

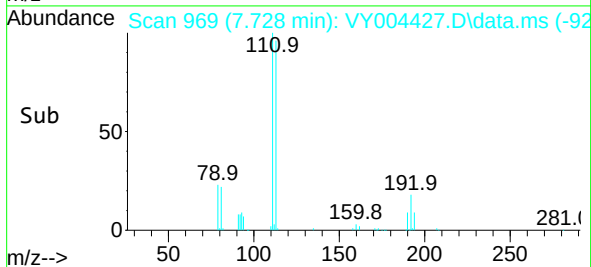
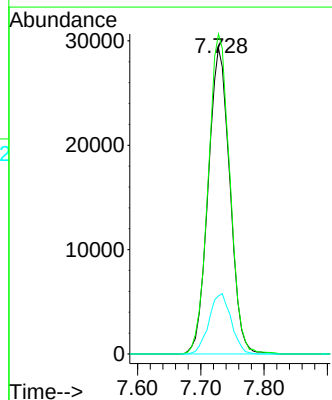
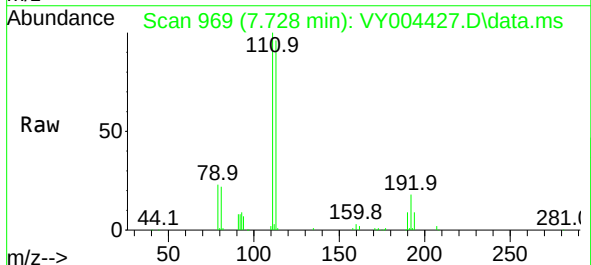
Instrument :
MSVOA_Y
ClientSampled :
WC-3

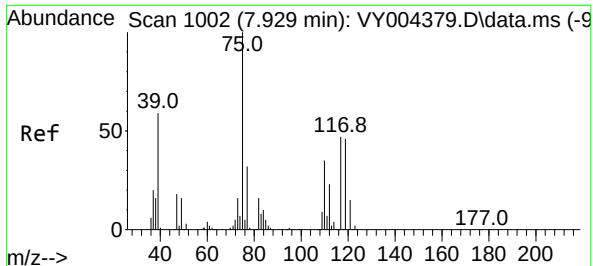
Tgt Ion:114 Resp: 236389
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 14.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.14 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

Tgt Ion:113 Resp: 69705
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 20.2 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.78 ug/l

RT: 7.801 min Scan# 981

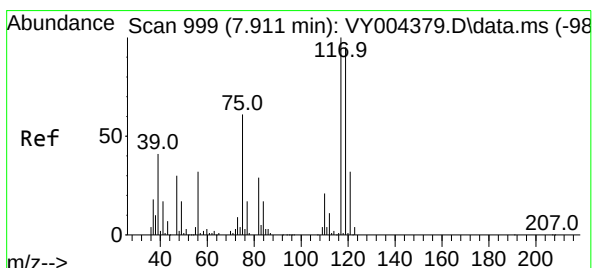
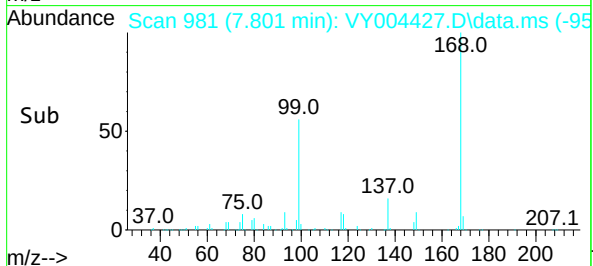
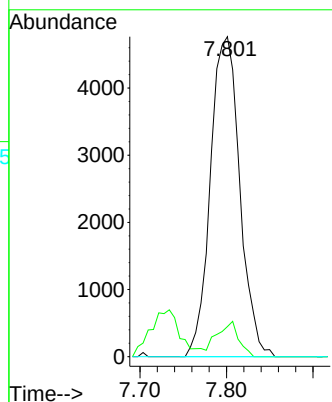
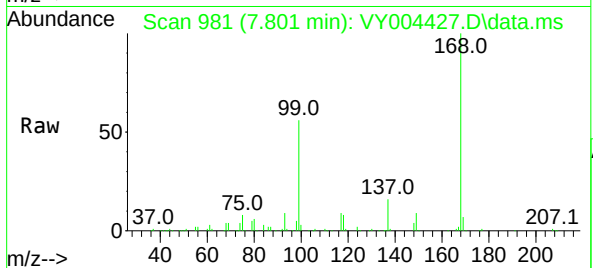
Delta R.T. -0.128 min

Lab File: VY004427.D

Acq: 14 Apr 2021 17:22

Tgt Ion:	75	Resp:	11228
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampleId :
WC-3



#38

Carbon Tetrachloride

Concen: 6.59 ug/l

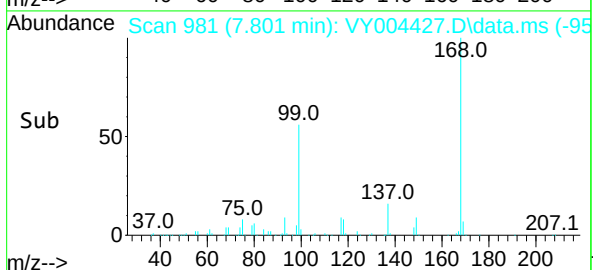
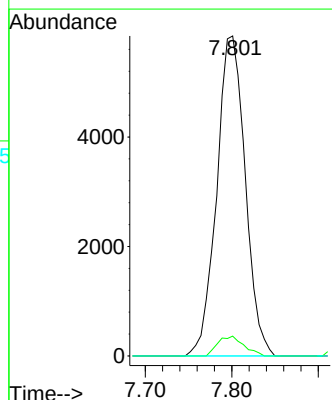
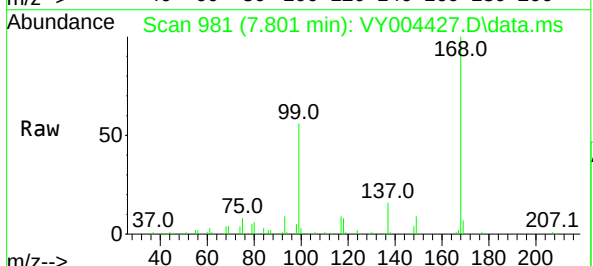
RT: 7.801 min Scan# 981

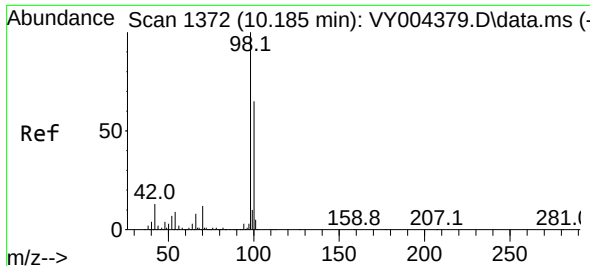
Delta R.T. -0.110 min

Lab File: VY004427.D

Acq: 14 Apr 2021 17:22

Tgt Ion:	117	Resp:	13374
Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.8	113.8#
121	0.0	25.3	37.9#

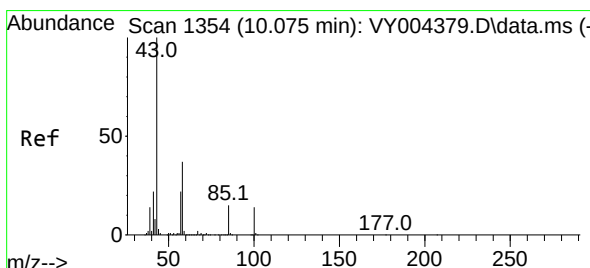
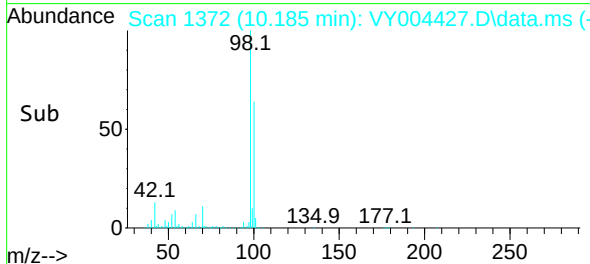
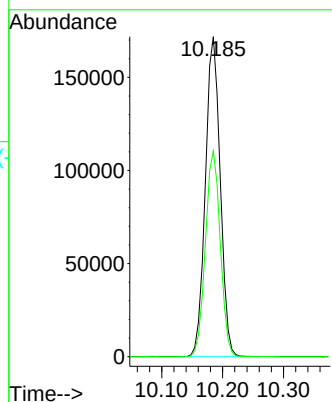
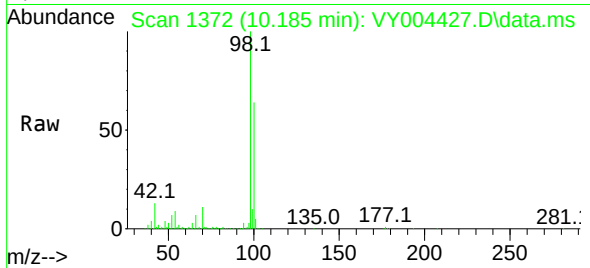




#50
Toluene-d8
Concen: 52.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

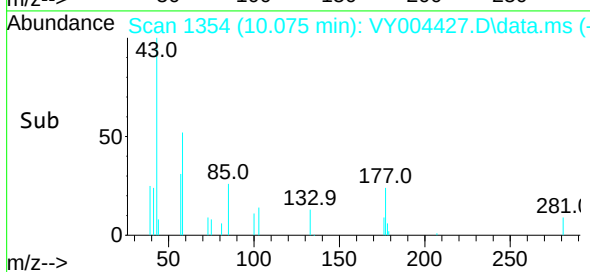
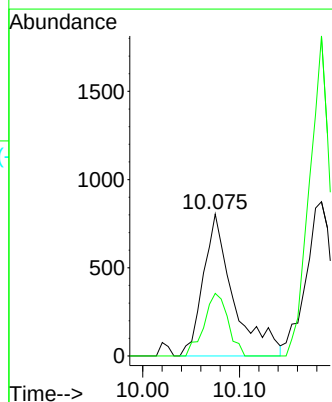
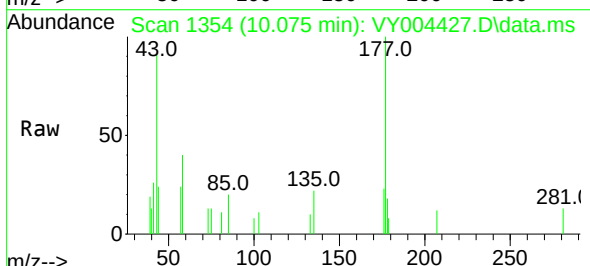
Instrument :
MSVOA_Y
ClientSampled :
WC-3

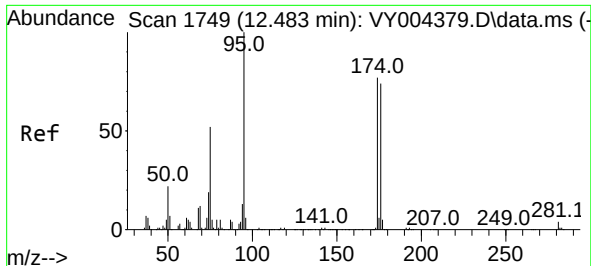
Tgt Ion: 98 Resp: 290956
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.19 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 34.8 29.2 43.8

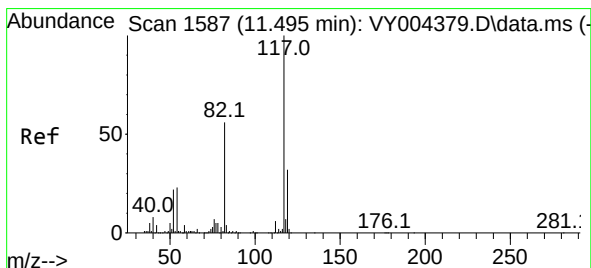
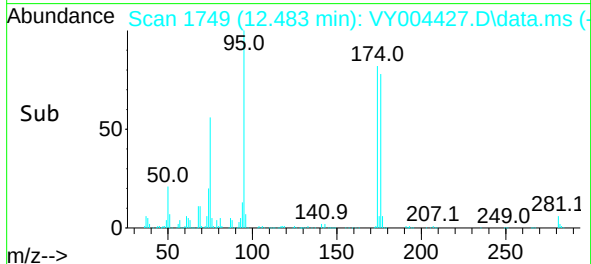
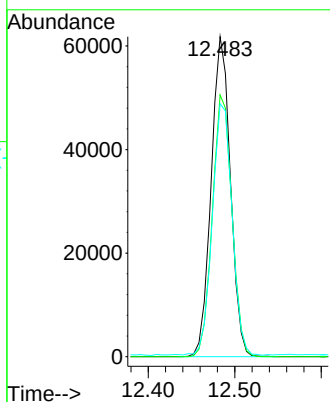
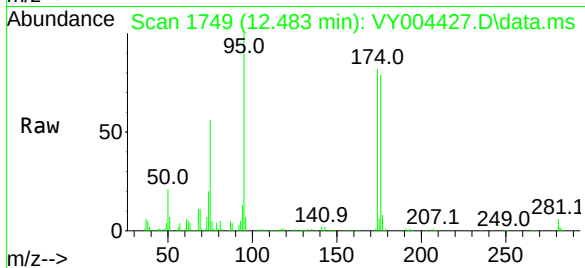




#62
4-Bromofluorobenzene
Concen: 50.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

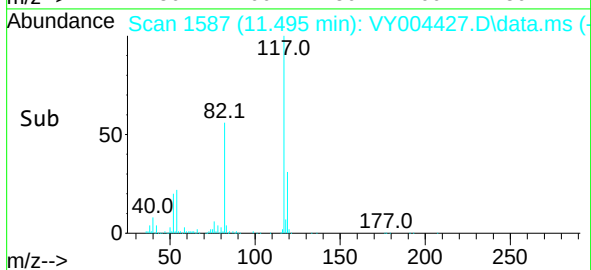
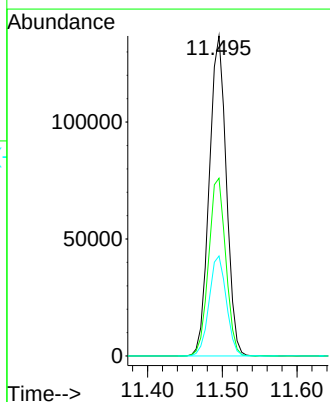
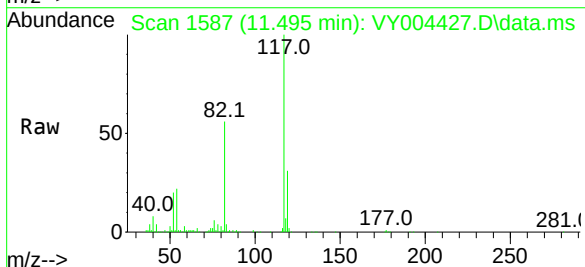
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

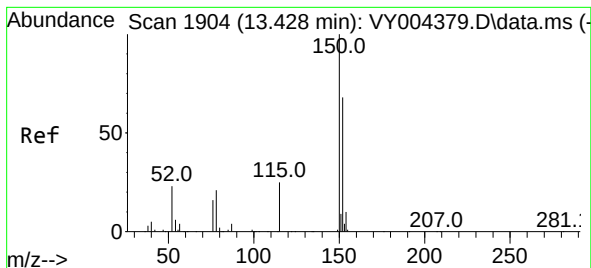
Tgt Ion: 95 Resp: 95230
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.4
176 80.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

Tgt Ion: 117 Resp: 217251
Ion Ratio Lower Upper
117 100
82 55.6 44.9 67.3
119 31.3 25.4 38.0

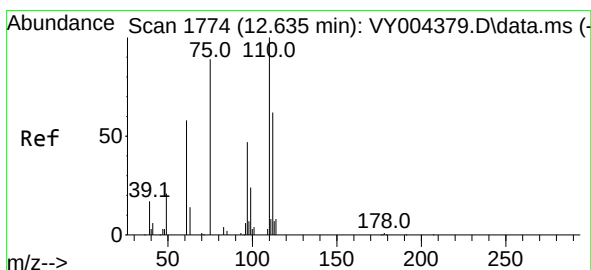
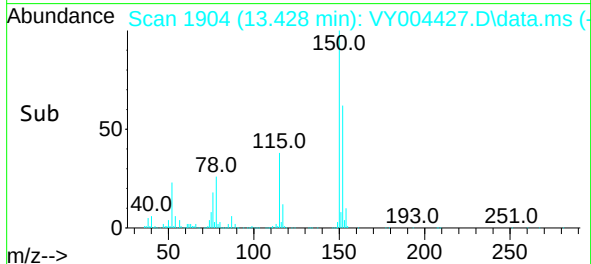
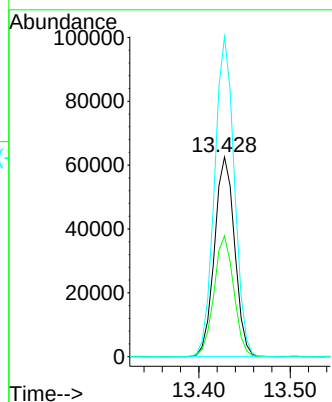
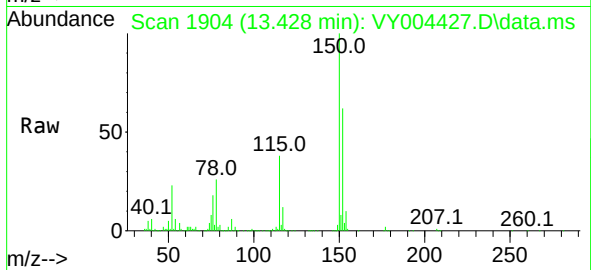




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

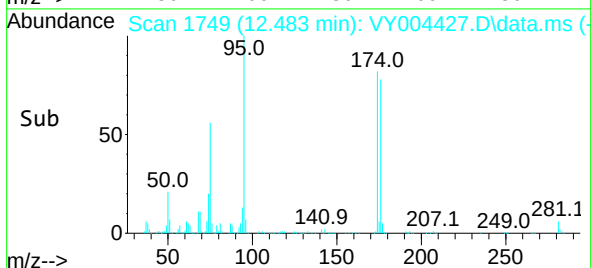
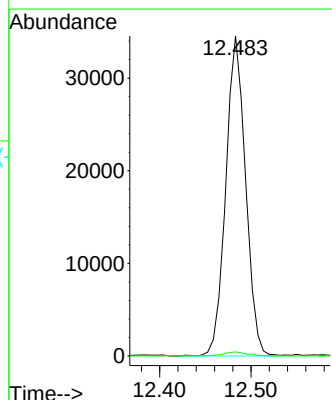
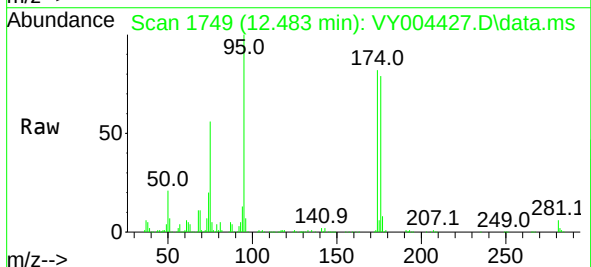
Instrument :
MSVOA_Y
ClientSampled :
WC-3

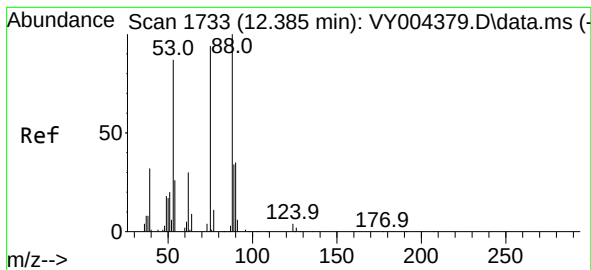
Tgt Ion:152 Resp: 95710
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 158.0 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 50.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004427.D
Acq: 14 Apr 2021 17:22

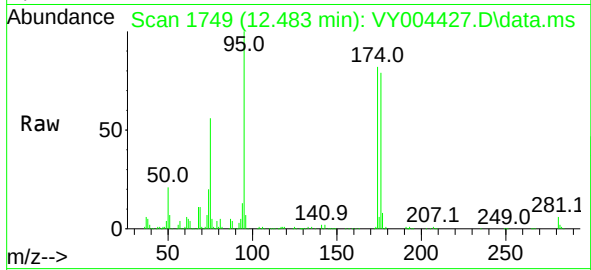
Tgt Ion: 75 Resp: 52015
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.58 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004427.D
 Acq: 14 Apr 2021 17:22

Instrument :
 MSVOA_Y
 ClientSampled :
 WC-3



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

