

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004470.D
 Acq On : 16 Apr 2021 15:22
 Operator : SY/MD
 Sample : M2050-07
 Misc : 5.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Apr 17 00:55:02 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)

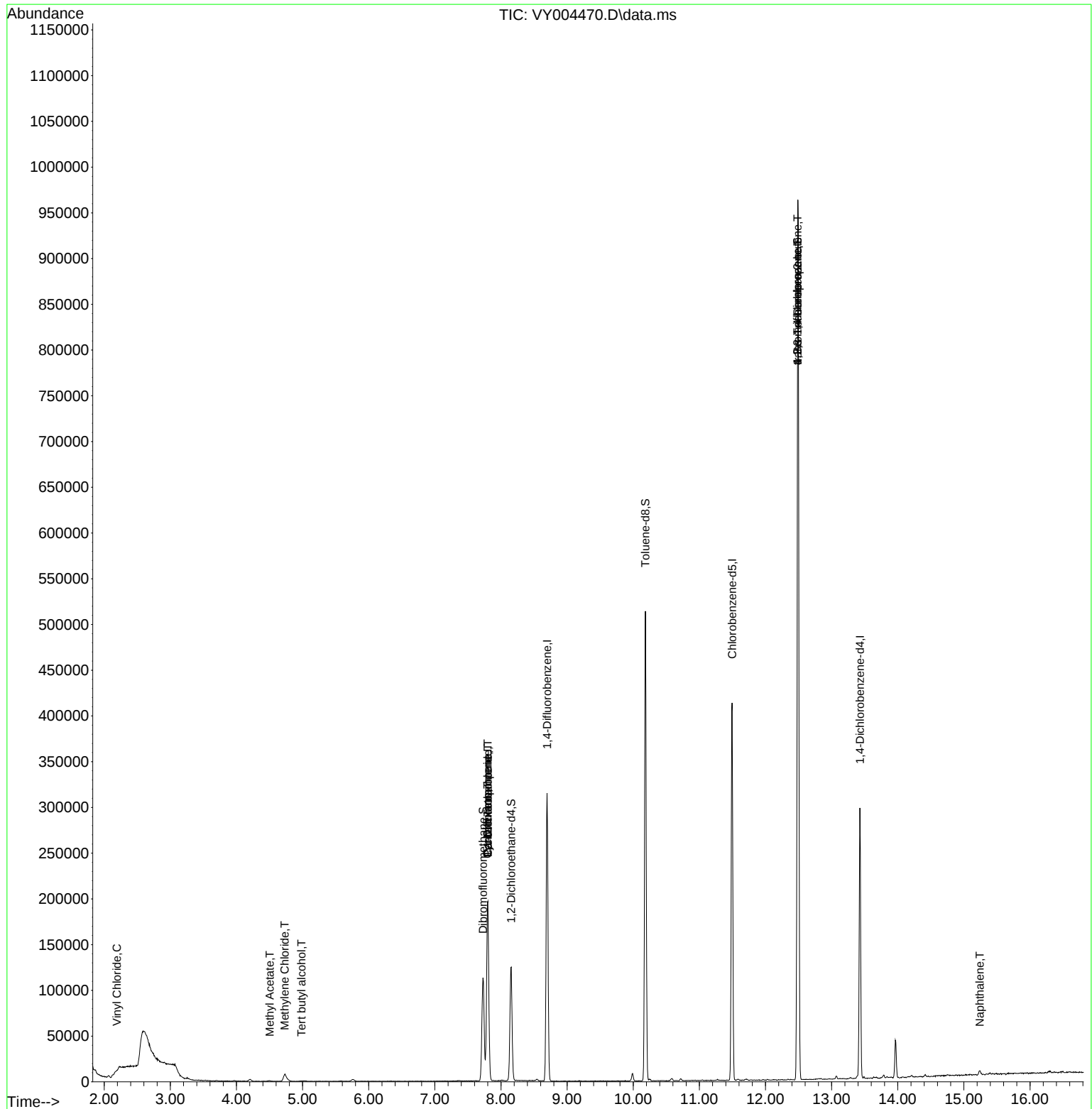
Internal Standards						
1) Pentafluorobenzene	7.801	168	150656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	256728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	95599	57.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.22%
35) Dibromofluoromethane	7.728	113	80272	56.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.68%
50) Toluene-d8	10.185	98	314237	51.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.70%
62) 4-Bromofluorobenzene	12.483	95	83384	40.55	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.10%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.192	62	3884	1.82	ug/l #	43
11) Tert butyl alcohol	4.984	59	597	3.62	ug/l #	73
16) Acetone	3.966	43	956	Below	Cal	96
18) Methyl Acetate	4.503	43	1583	1.36	ug/l #	69
20) Methylene Chloride	4.728	84	5261	3.25	ug/l	94
31) Cyclohexane	7.795	56	3595	1.17	ug/l #	10
36) 1,1-Dichloropropene	7.801	75	12276	4.81	ug/l #	51
38) Carbon Tetrachloride	7.801	117	15220	6.90	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	53462	70.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53462	127.00	ug/l #	14
95) Naphthalene	15.239	128	3704	1.28	ug/l	97

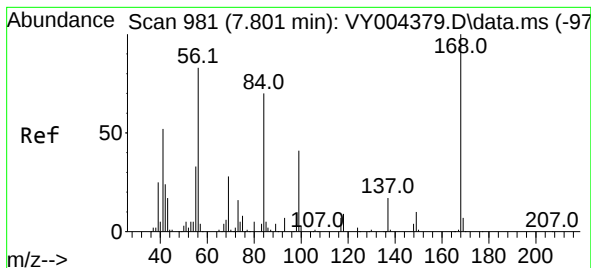
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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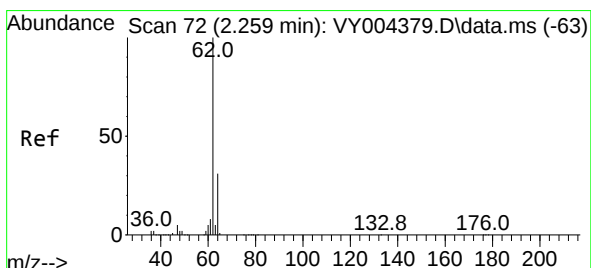
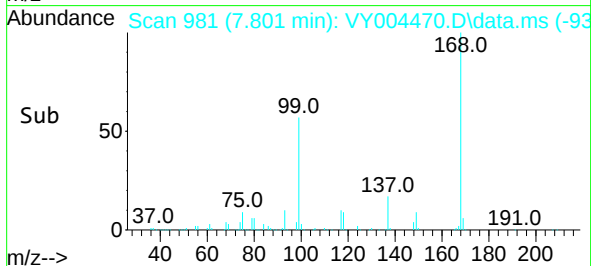
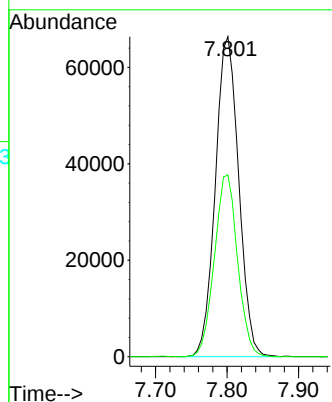
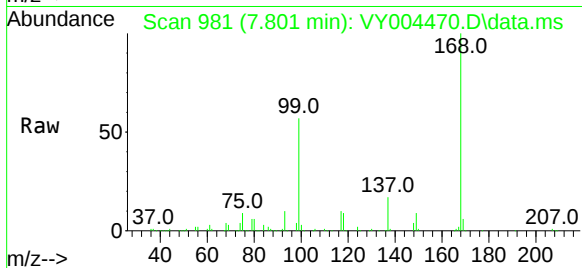




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

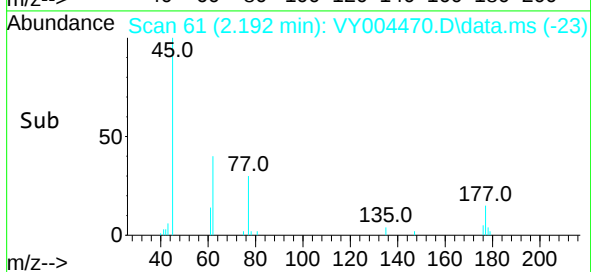
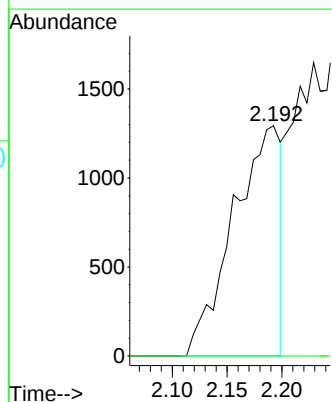
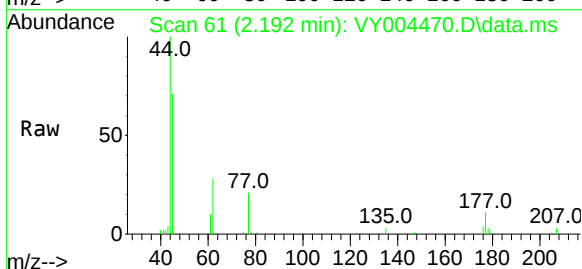
Instrument :
MSVOA_Y
ClientSampled :
TP-5

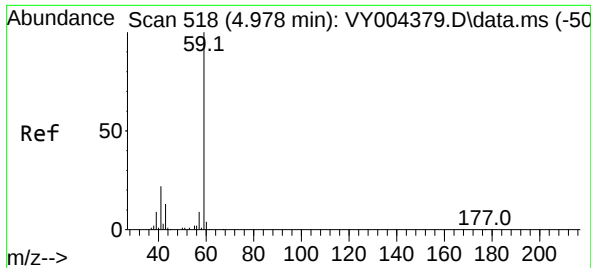
Tgt Ion:168 Resp: 150656
Ion Ratio Lower Upper
168 100
99 56.8 45.5 68.3



#4
Vinyl Chloride
Concen: 1.82 ug/l
RT: 2.192 min Scan# 61
Delta R.T. -0.067 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

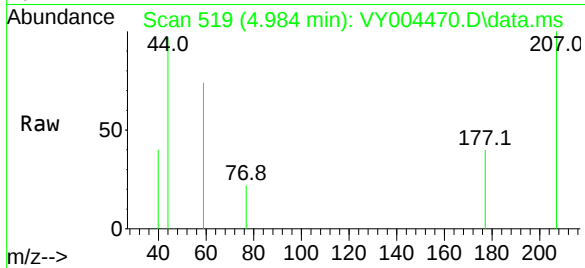
Tgt Ion: 62 Resp: 3884
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



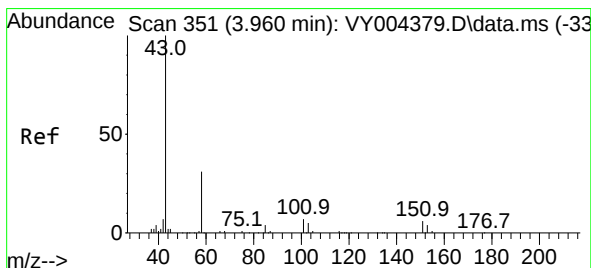
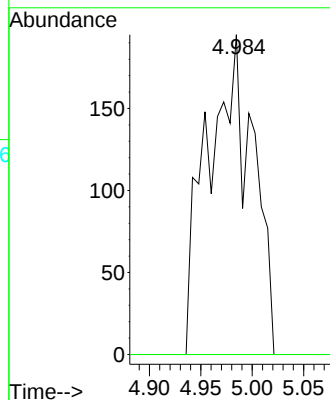
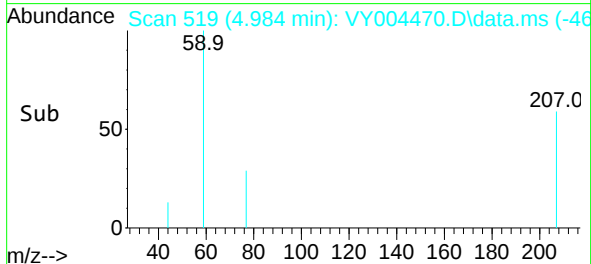


#11
Tert butyl alcohol
Concen: 3.62 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

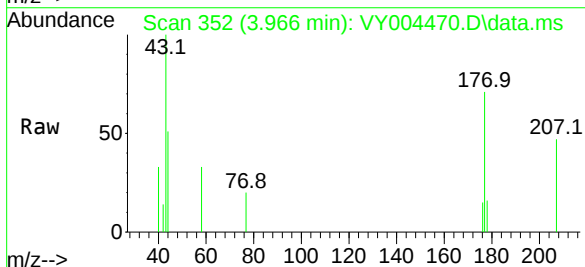
Instrument :
MSVOA_Y
ClientSampled :
TP-5



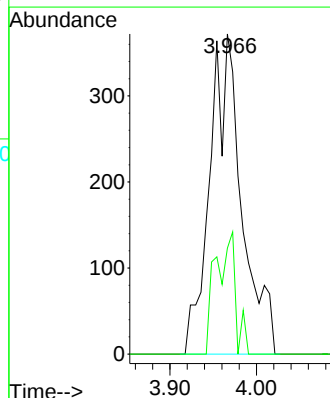
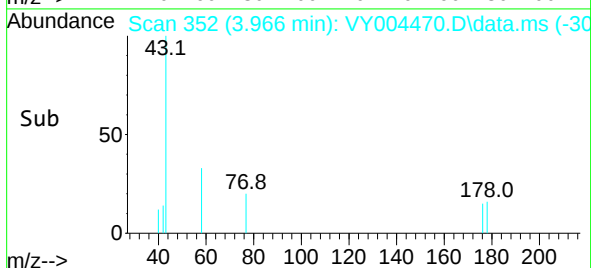
Tgt Ion: 59 Resp: 597
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

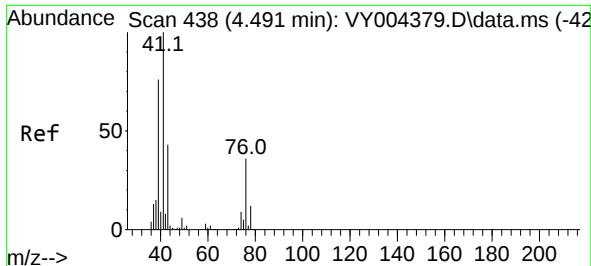


#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22



Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 33.1 24.6 37.0

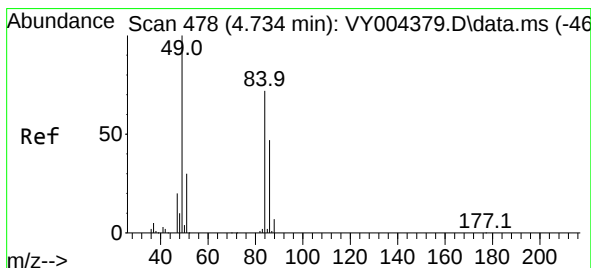
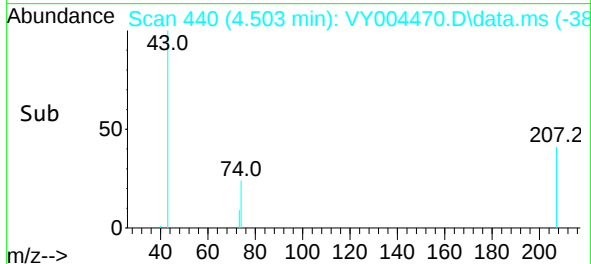
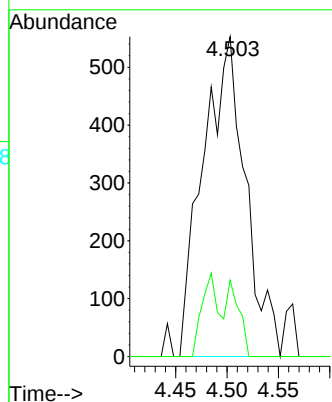
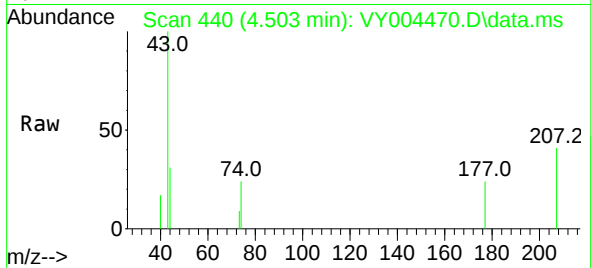




#18
Methyl Acetate
Concen: 1.36 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

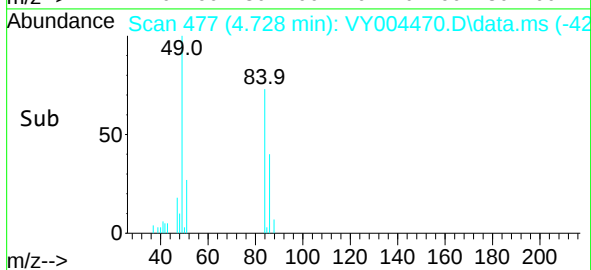
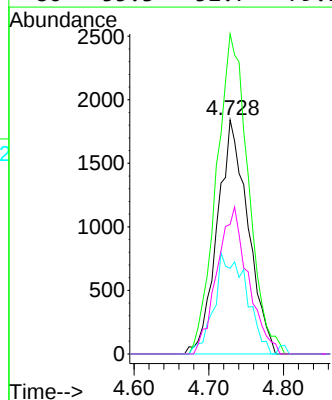
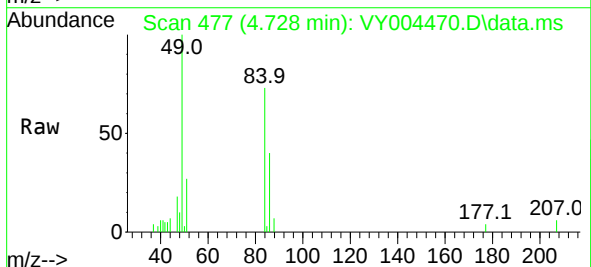
Instrument :
MSVOA_Y
ClientSampled :
TP-5

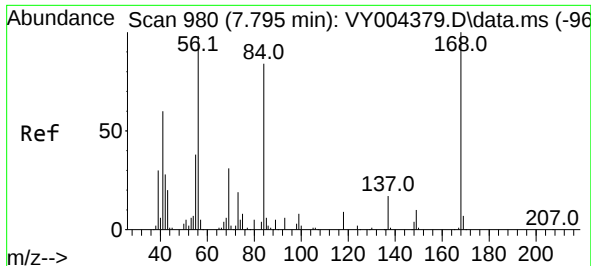
Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
74 6.7 17.2 25.8#



#20
Methylene Chloride
Concen: 3.25 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

Tgt Ion: 84 Resp: 5261
Ion Ratio Lower Upper
84 100
49 136.7 111.2 166.8
51 36.5 33.4 50.2
86 55.3 52.7 79.1

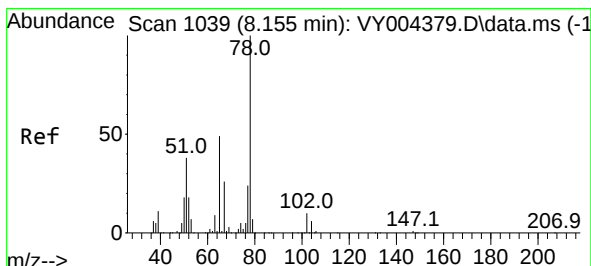
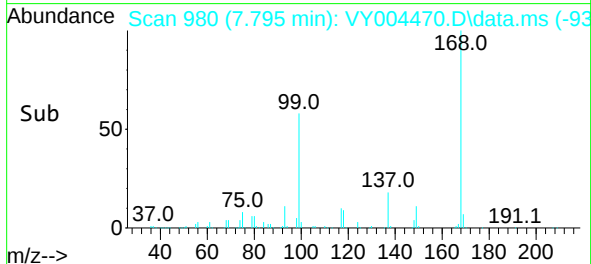
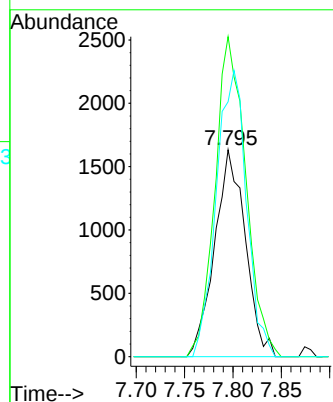
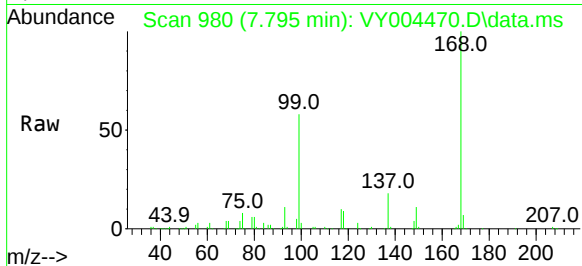




#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

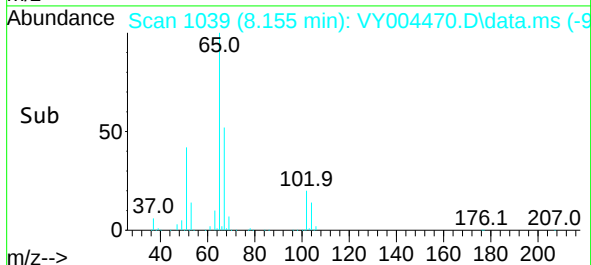
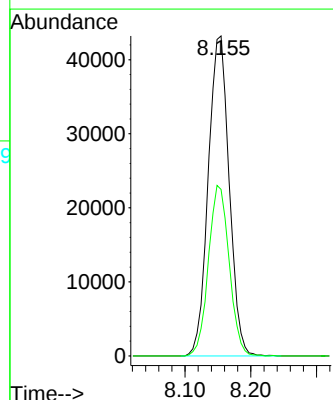
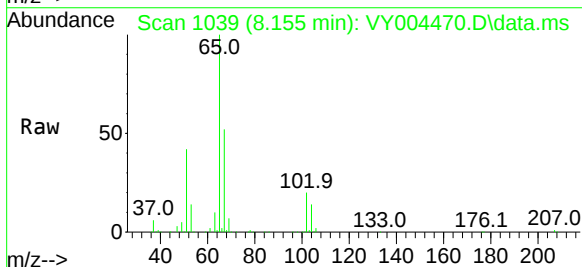
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

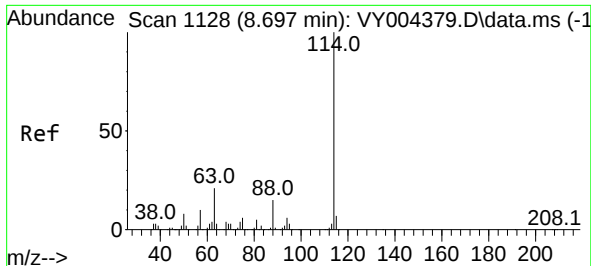
Tgt Ion: 56 Resp: 3595
Ion Ratio Lower Upper
56 100
69 154.7 25.8 38.6#
84 123.2 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 57.11 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

Tgt Ion: 65 Resp: 95599
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4

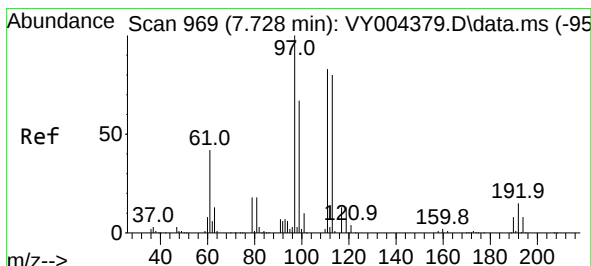
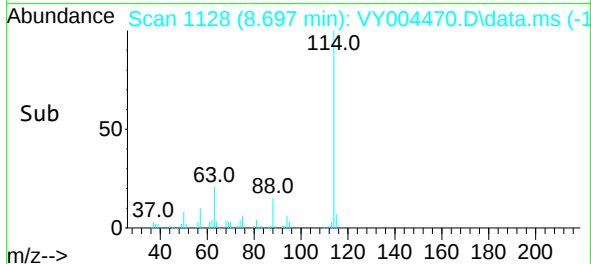
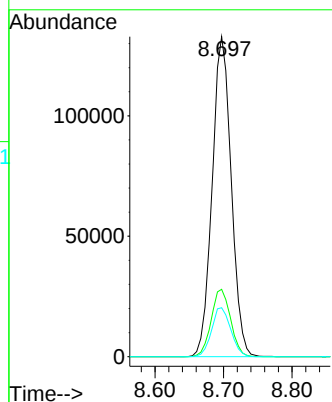
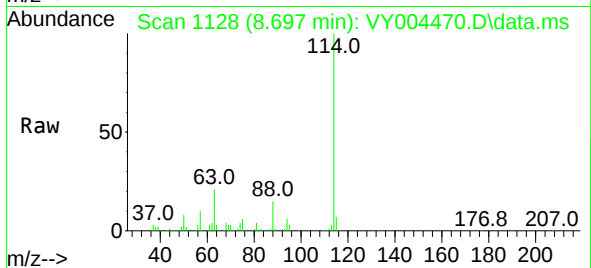




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

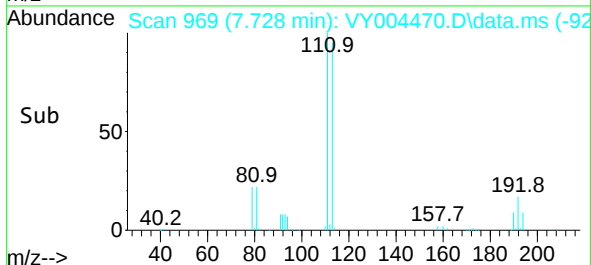
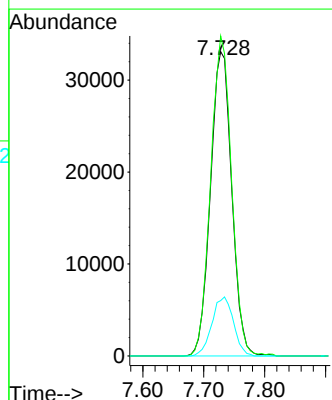
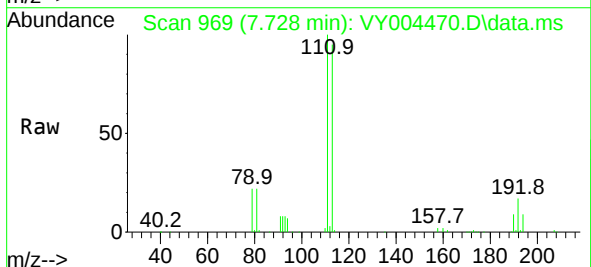
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

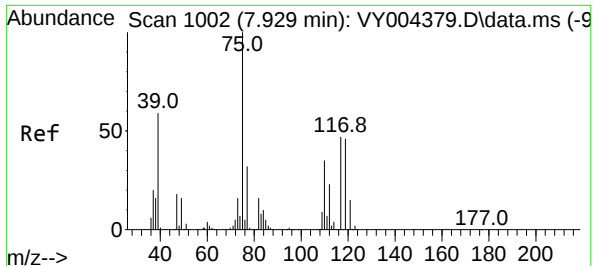
Tgt Ion:114 Resp: 256728
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.34 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

Tgt Ion:113 Resp: 80272
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 19.6 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.81 ug/l

RT: 7.801 min Scan# 981

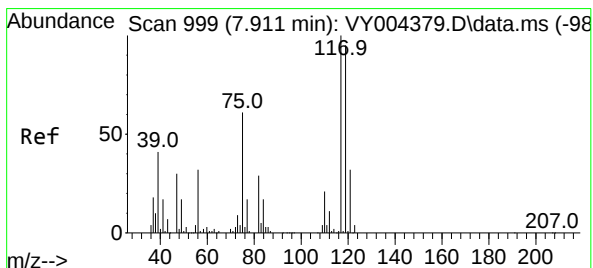
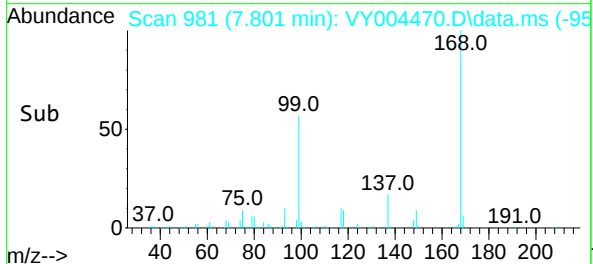
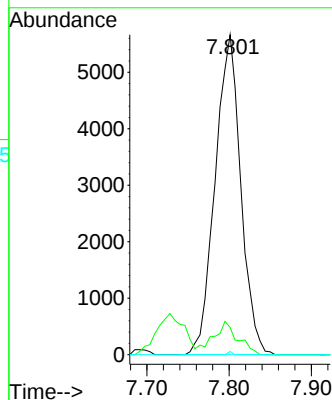
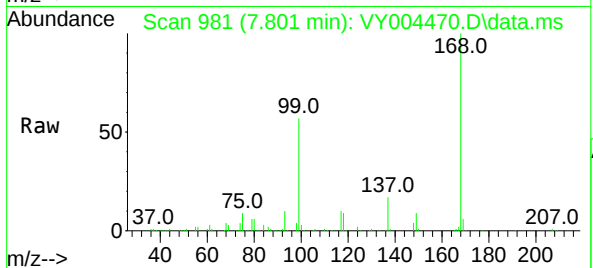
Delta R.T. -0.128 min

Lab File: VY004470.D

Acq: 16 Apr 2021 15:22

Tgt Ion: 75	Resp: 12276
Ion Ratio	Lower Upper
75 100	
110 9.0	17.3 51.7#
77 0.2	24.3 36.5#

Instrument :
MSVOA_Y
ClientSampled :
TP-5



#38

Carbon Tetrachloride

Concen: 6.90 ug/l

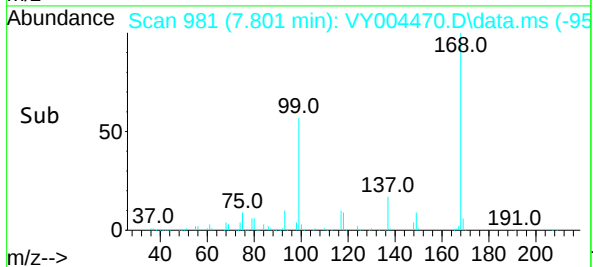
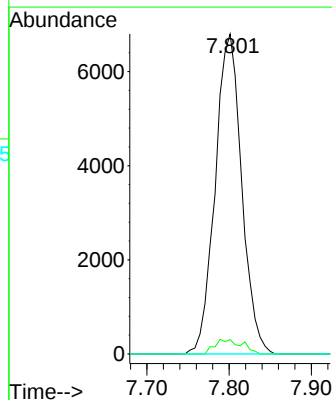
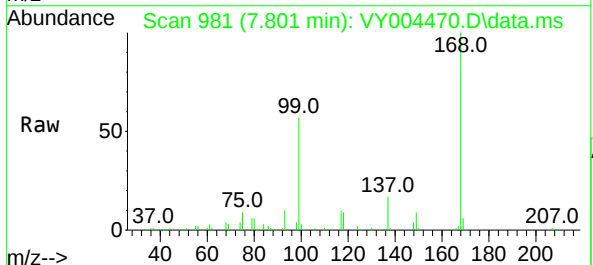
RT: 7.801 min Scan# 981

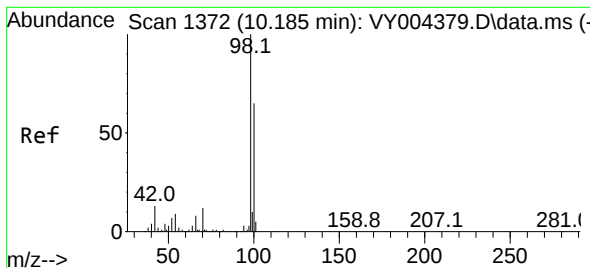
Delta R.T. -0.110 min

Lab File: VY004470.D

Acq: 16 Apr 2021 15:22

Tgt Ion: 117	Resp: 15220
Ion Ratio	Lower Upper
117 100	
119 4.5	75.8 113.8#
121 0.0	25.3 37.9#

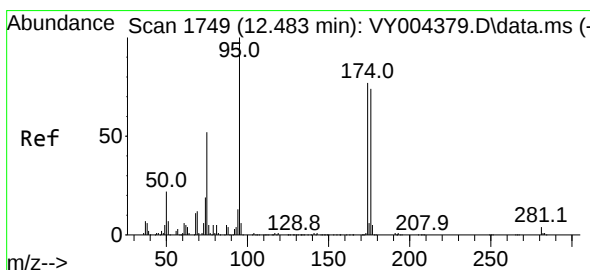
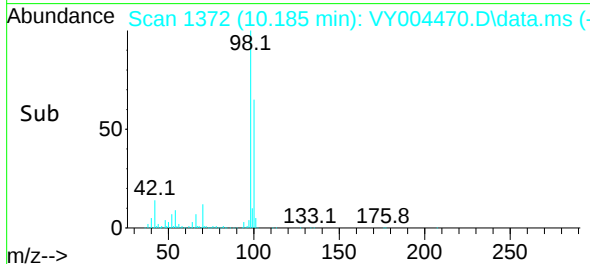
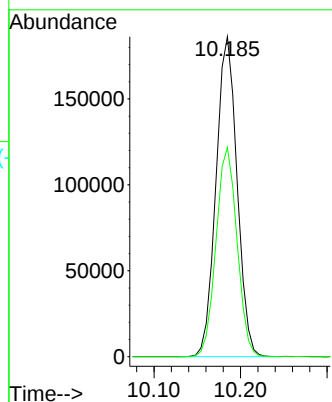
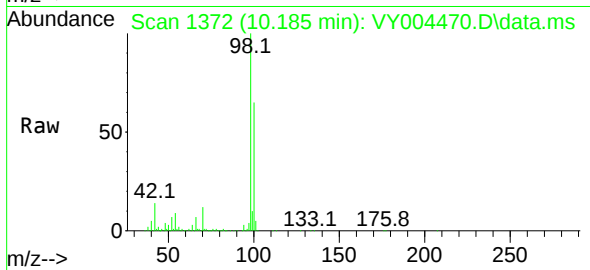




#50
Toluene-d8
Concen: 51.85 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

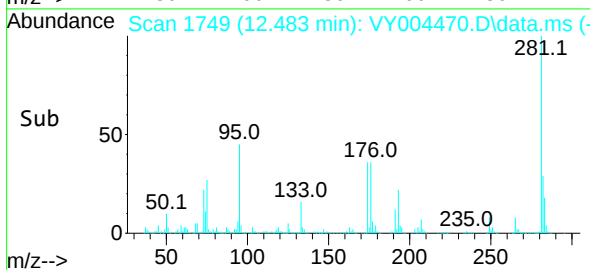
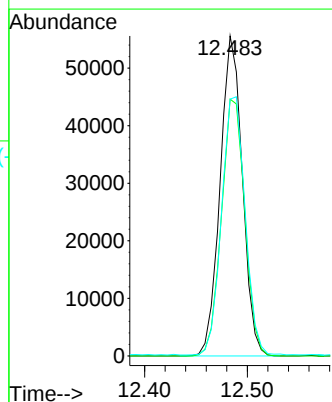
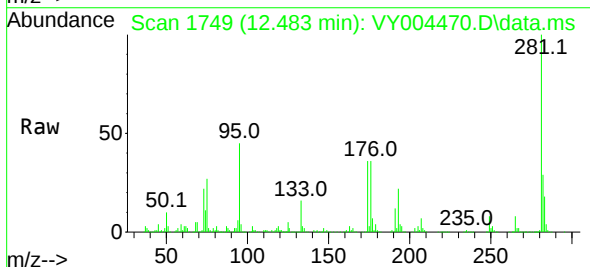
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

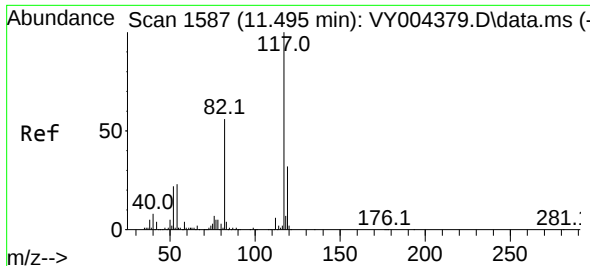
Tgt Ion: 98 Resp: 314237
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 40.55 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

Tgt Ion: 95 Resp: 83384
Ion Ratio Lower Upper
95 100
174 84.1 0.0 162.4
176 85.3 0.0 156.0

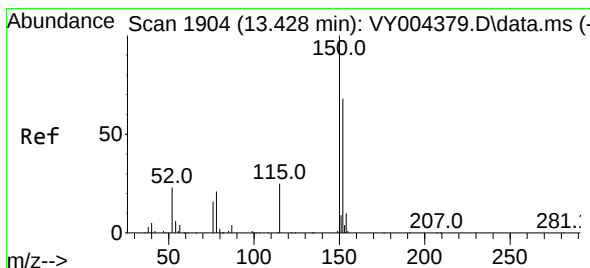
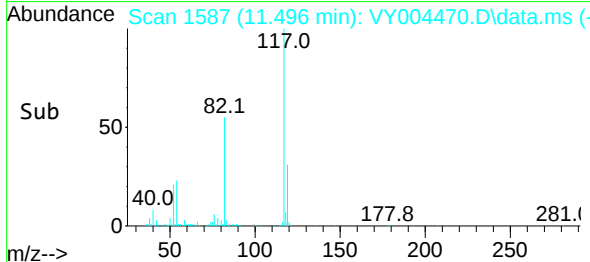
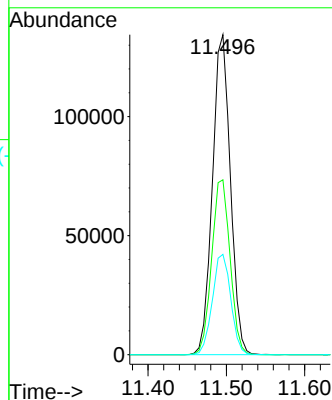
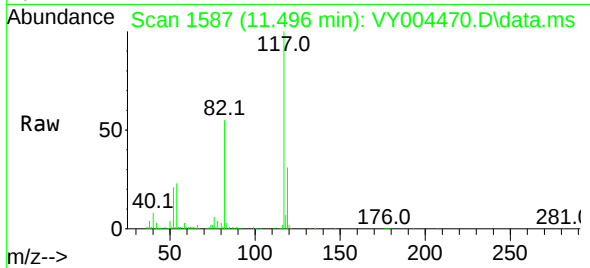




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

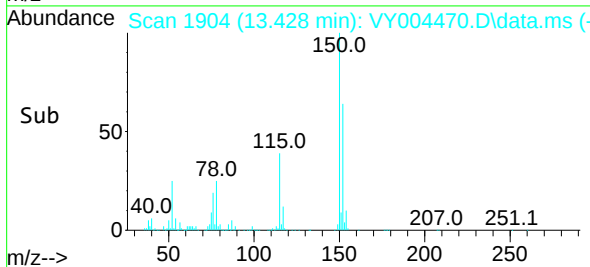
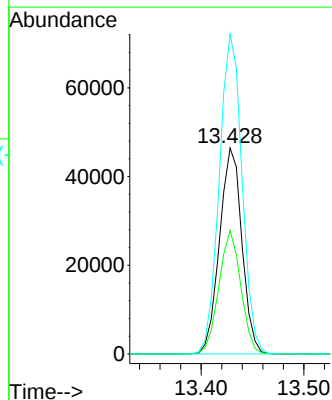
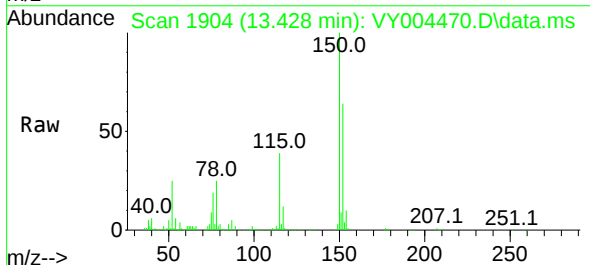
Instrument :
MSVOA_Y
ClientSampled :
TP-5

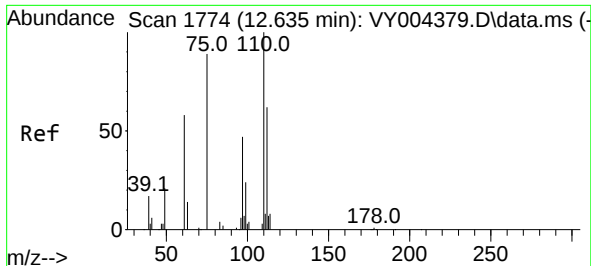
Tgt Ion:117 Resp: 214142
Ion Ratio Lower Upper
117 100
82 54.6 44.9 67.3
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

Tgt Ion:152 Resp: 70167
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 157.4 0.0 348.4

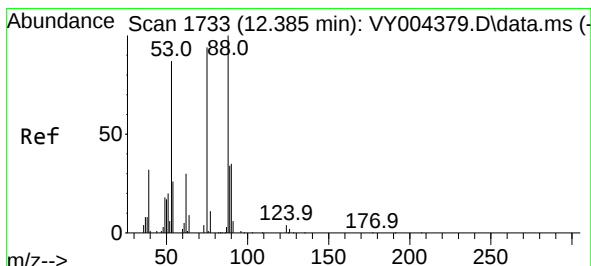
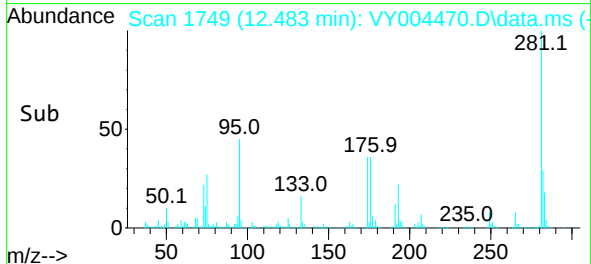
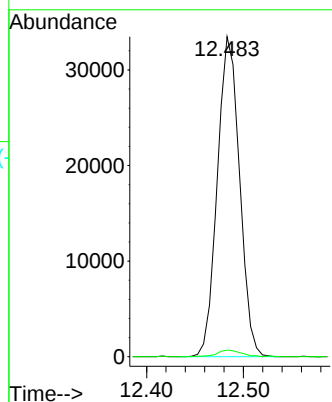
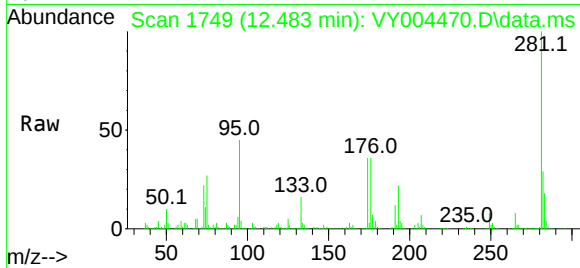




#76
1,2,3-Trichloropropane
Concen: 70.99 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

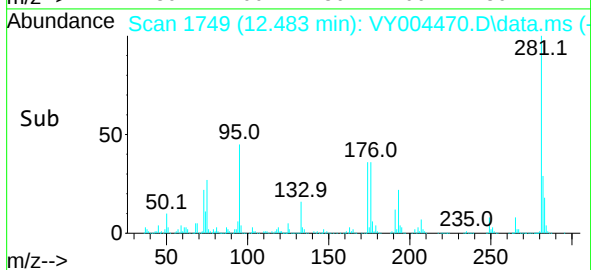
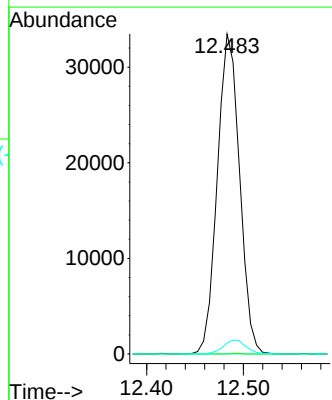
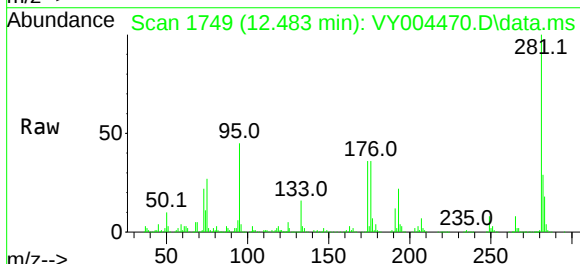
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

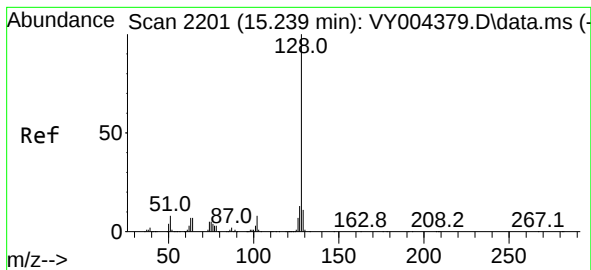
Tgt Ion: 75 Resp: 53462
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.00 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004470.D
Acq: 16 Apr 2021 15:22

Tgt Ion: 75 Resp: 53462
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 4.5 36.1 54.1#





#95
 Naphthalene
 Concen: 1.28 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. 0.000 min
 Lab File: VY004470.D
 Acq: 16 Apr 2021 15:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Tgt Ion:	128	Resp:	3704
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.2	15.2
129	11.9	8.8	13.2

