

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004471.D
 Acq On : 16 Apr 2021 15:45
 Operator : SY/MD
 Sample : M2050-09
 Misc : 4.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Apr 17 00:55:18 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)

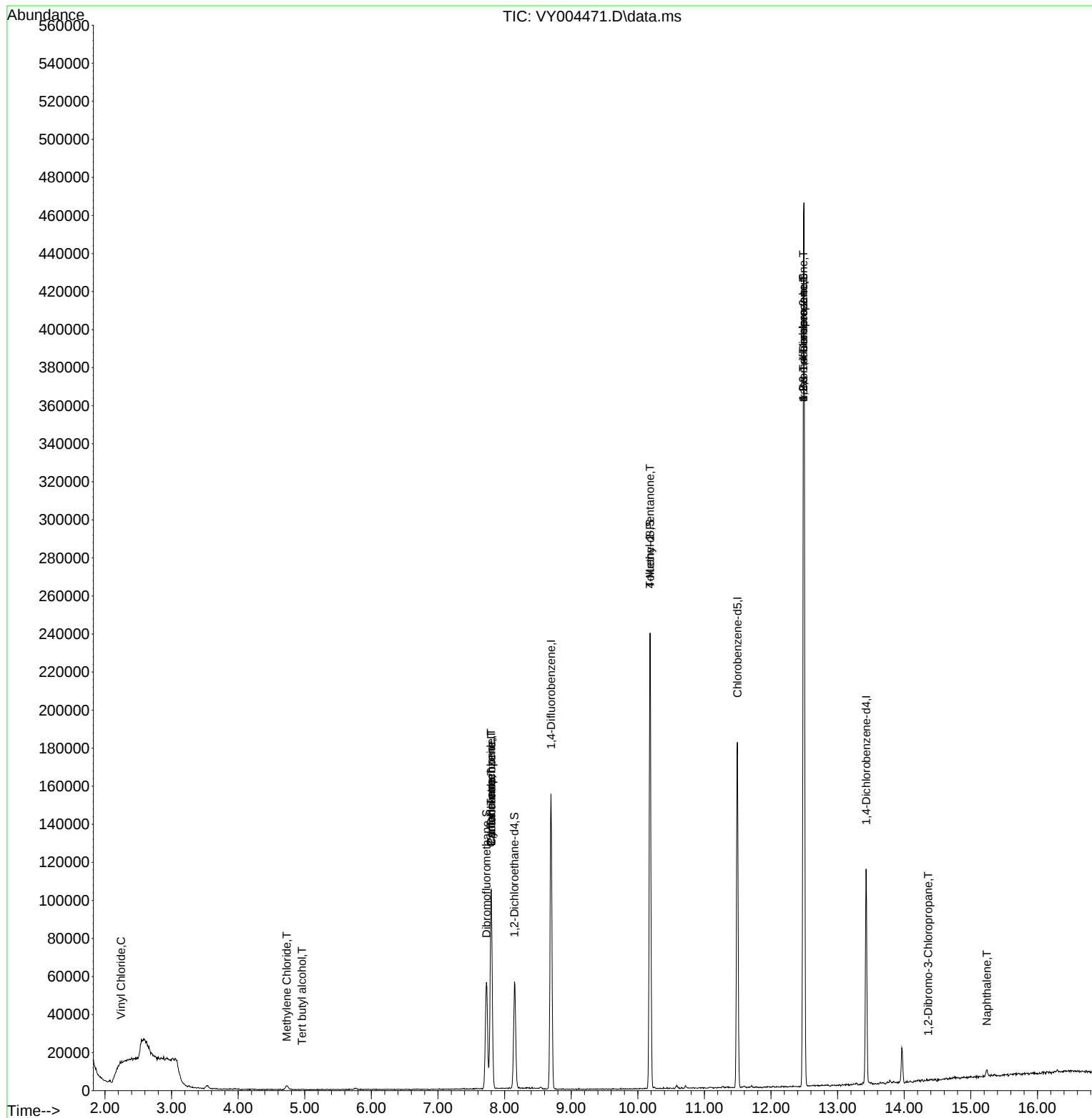
Internal Standards						
1) Pentafluorobenzene	7.801	168	78815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	125817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	94815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	42621	48.67	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.34%			
35) Dibromofluoromethane	7.728	113	39043	55.92	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.84%			
50) Toluene-d8	10.185	98	149711	50.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.82%			
62) 4-Bromofluorobenzene	12.483	95	33709	33.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 66.90%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.241	62	9863	8.84	ug/l #	43
11) Tert butyl alcohol	4.960	59	243	2.82	ug/l #	73
16) Acetone	3.954	43	890	Below Cal	#	44
20) Methylene Chloride	4.728	84	1496	1.77	ug/l #	87
31) Cyclohexane	7.801	56	1889	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6449	5.16	ug/l #	51
38) Carbon Tetrachloride	7.795	117	8306	7.69	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	964	1.23	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	21727	75.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21727	134.46	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.361	75	181	2.56	ug/l #	2
95) Naphthalene	15.239	128	2505	2.25	ug/l	96

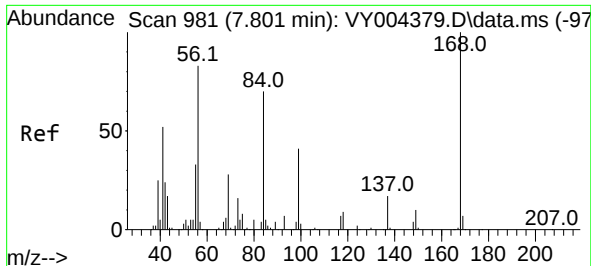
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-4

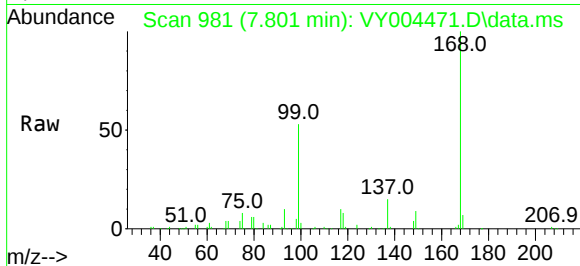
Quant Time: Apr 17 00:55:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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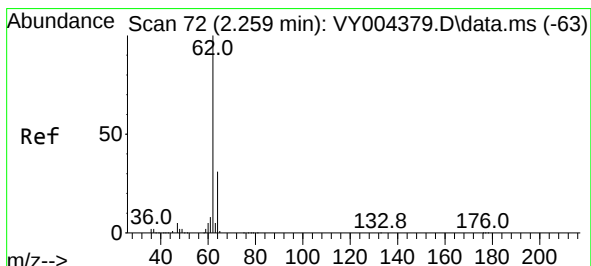
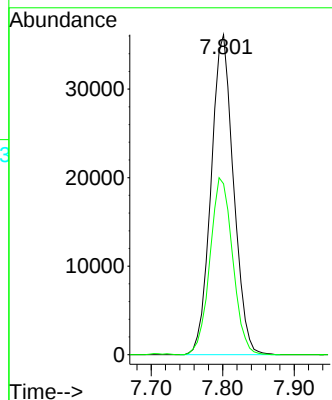
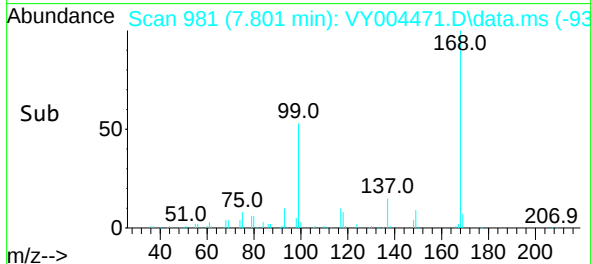


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

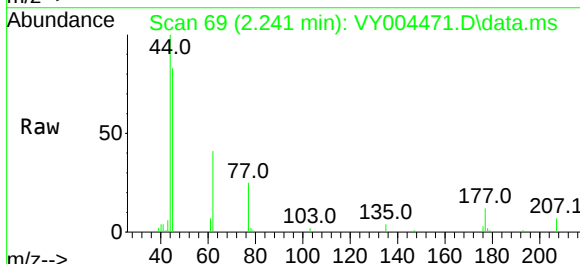
Instrument :
MSVOA_Y
ClientSampled :
TP-4



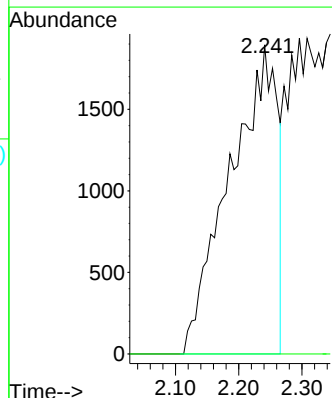
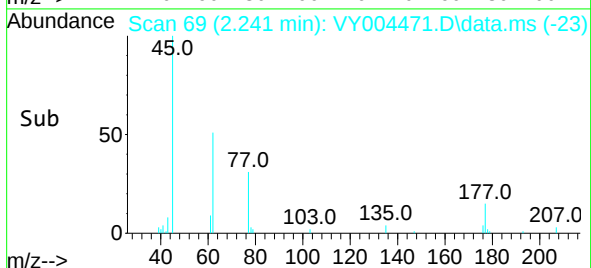
Tgt Ion:168 Resp: 78815
Ion Ratio Lower Upper
168 100
99 53.4 45.5 68.3

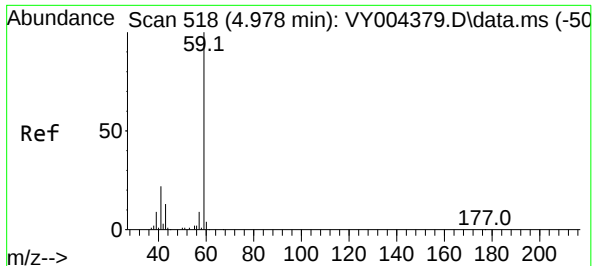


#4
Vinyl Chloride
Concen: 8.84 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.018 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45



Tgt Ion: 62 Resp: 9863
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



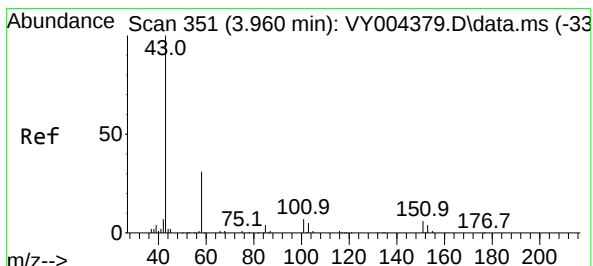
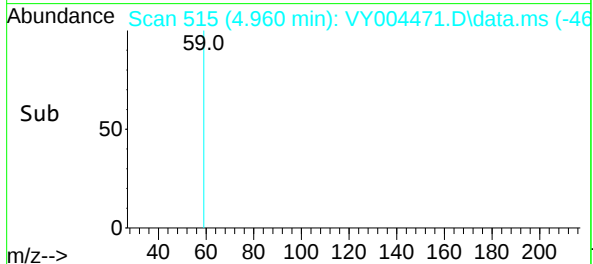
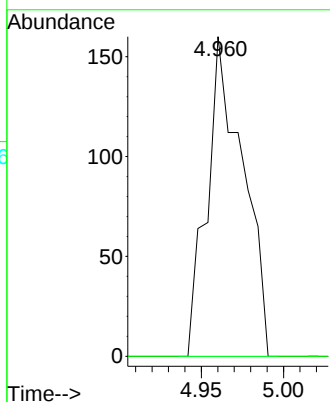
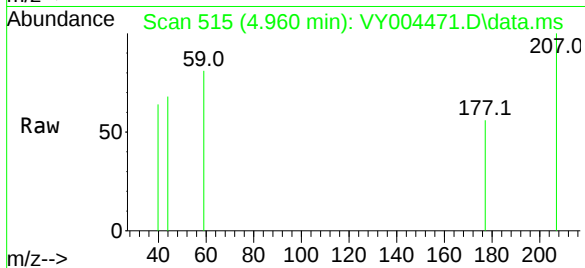


#11

Tert butyl alcohol
Concen: 2.82 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

Instrument :
MSVOA_Y
ClientSampled :
TP-4

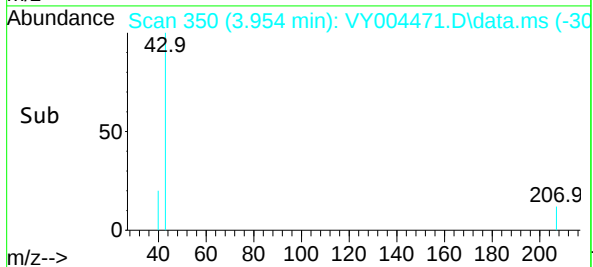
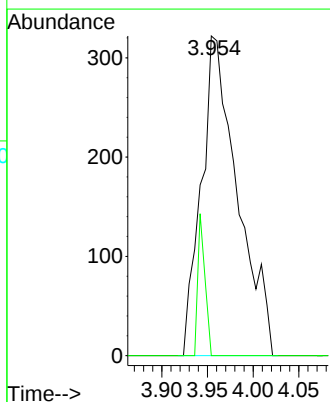
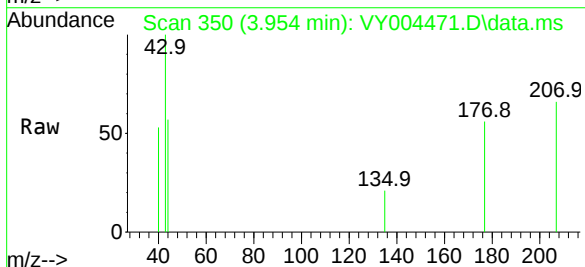
Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

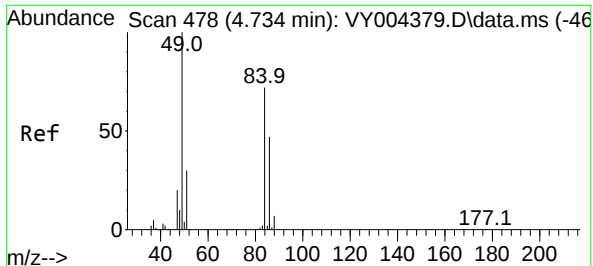


#16

Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#





#20

Methylene Chloride

Concen: 1.77 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY004471.D

Acq: 16 Apr 2021 15:45

Tgt Ion: 84 Resp: 1496

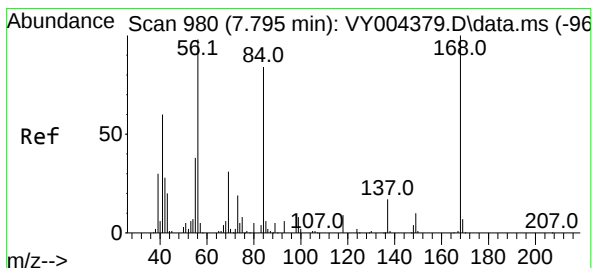
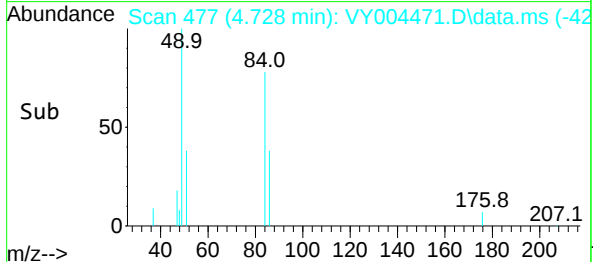
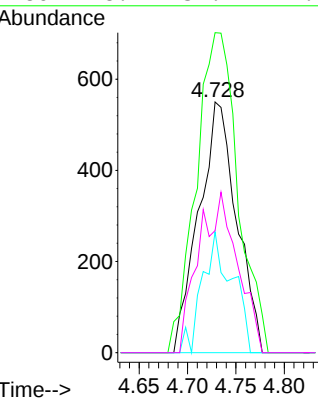
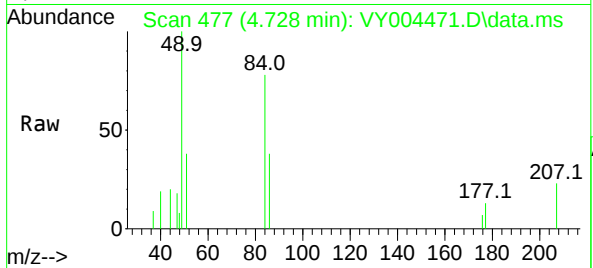
Ion Ratio Lower Upper

84 100

49 127.6 111.2 166.8

51 48.2 33.4 50.2

86 48.7 52.7 79.1#



#31

Cyclohexane

Concen: 1.18 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY004471.D

Acq: 16 Apr 2021 15:45

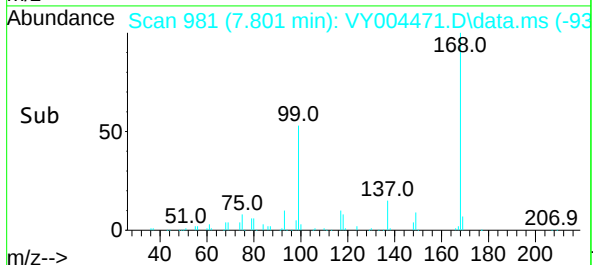
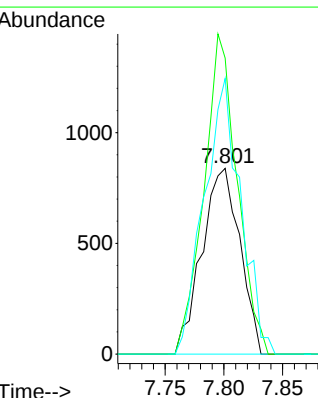
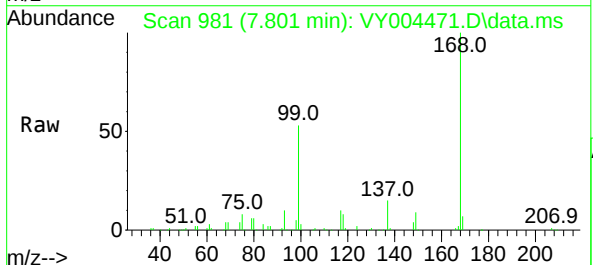
Tgt Ion: 56 Resp: 1889

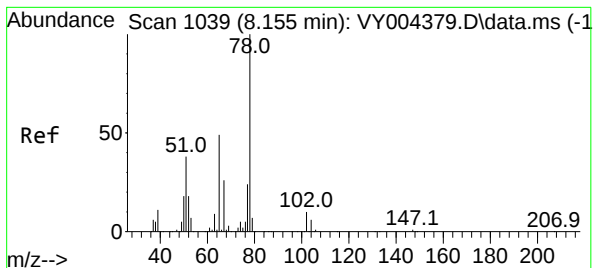
Ion Ratio Lower Upper

56 100

69 159.4 25.8 38.6#

84 148.4 68.2 102.4#





#33

1,2-Dichloroethane-d4

Concen: 48.67 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004471.D

Acq: 16 Apr 2021 15:45

Tgt Ion: 65 Resp: 42621

Ion Ratio Lower Upper

65 100

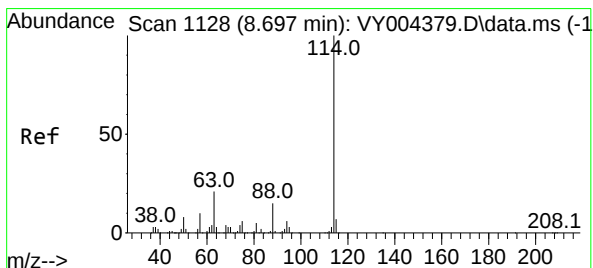
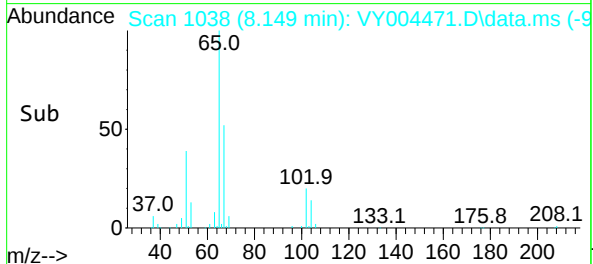
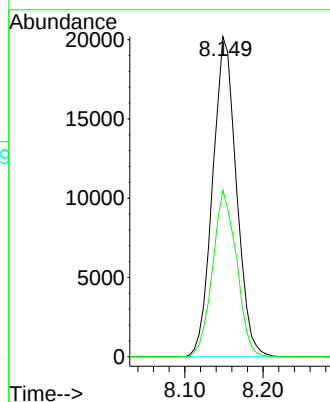
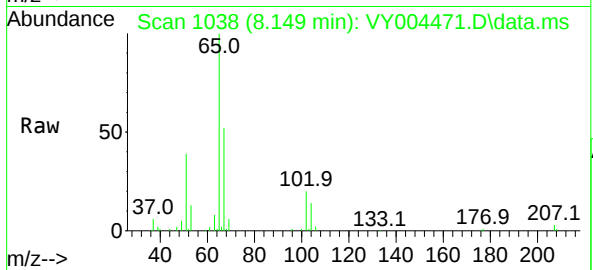
67 52.3 0.0 106.4

Instrument :

MSVOA_Y

ClientSampleId :

TP-4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004471.D

Acq: 16 Apr 2021 15:45

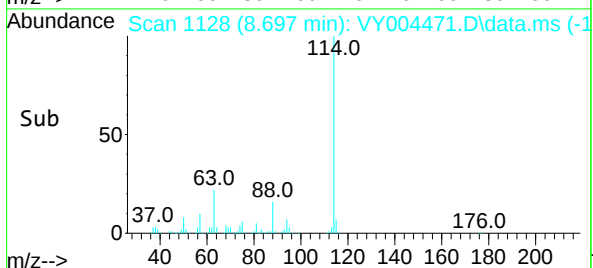
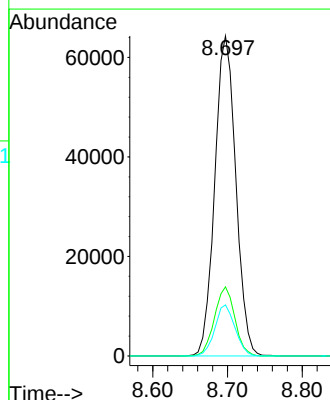
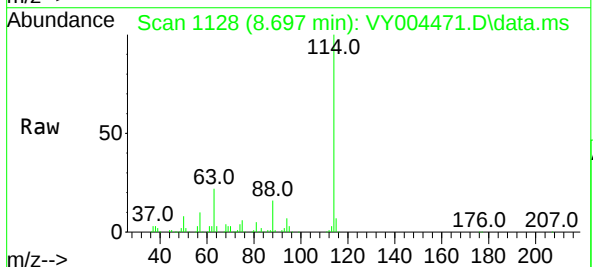
Tgt Ion: 114 Resp: 125817

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 15.9 0.0 30.8

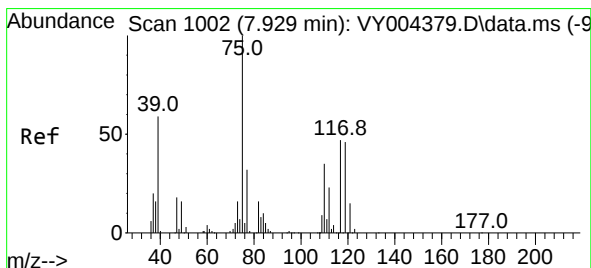
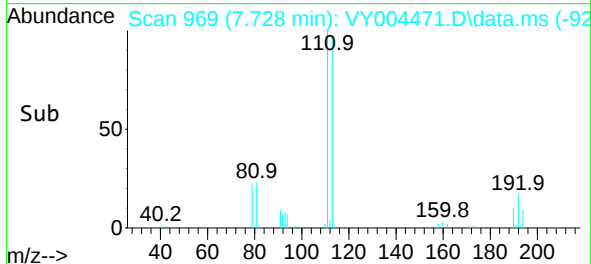
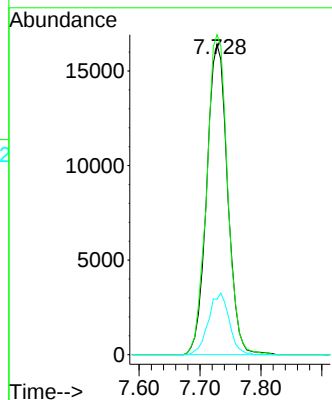
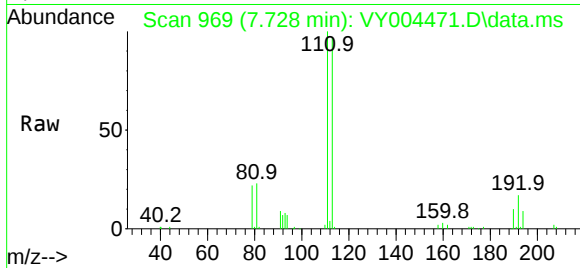




#35
Dibromofluoromethane
Concen: 55.92 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

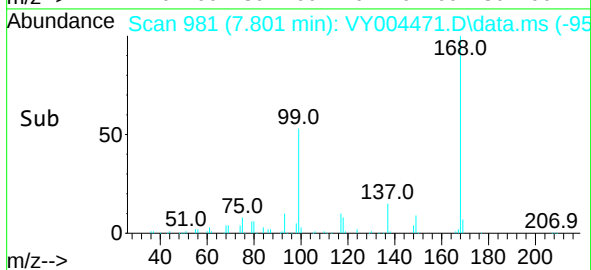
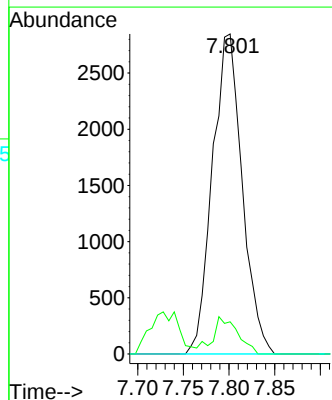
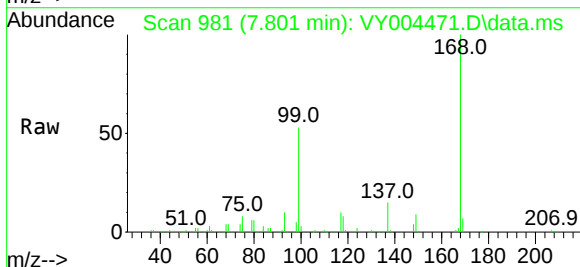
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

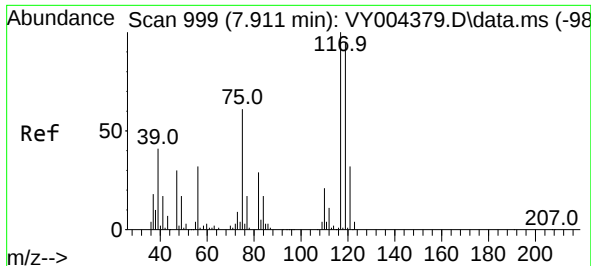
Tgt Ion:	113	Resp:	39043
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.8	16.1	24.1



#36
1,1-Dichloropropene
Concen: 5.16 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

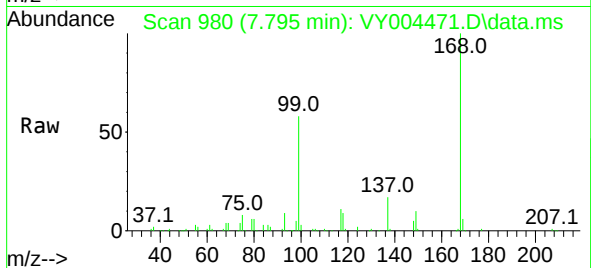
Tgt Ion:	75	Resp:	6449
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.3	51.7#
77	0.0	24.3	36.5#



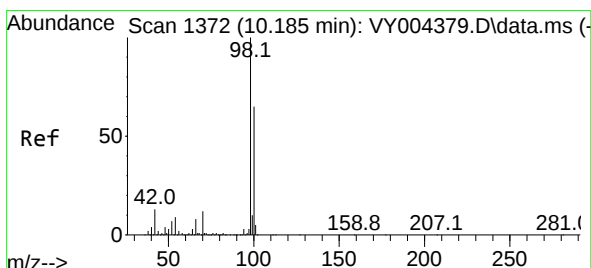
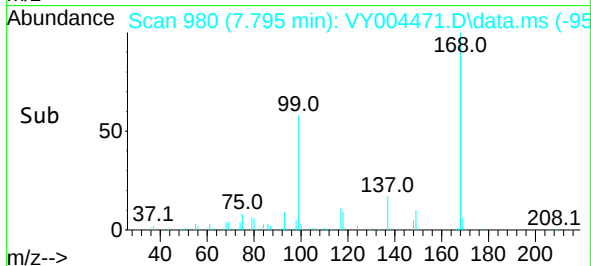
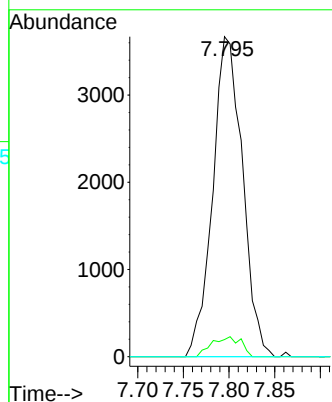


#38
Carbon Tetrachloride
Concen: 7.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

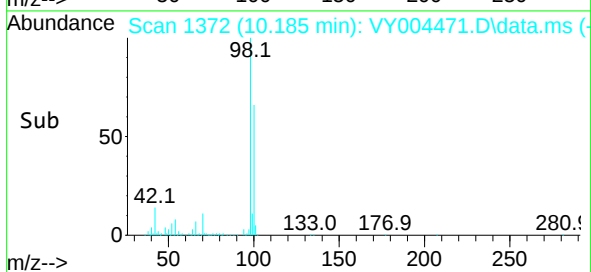
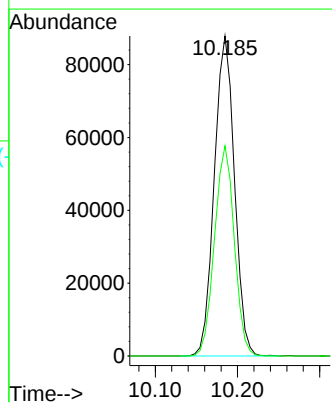
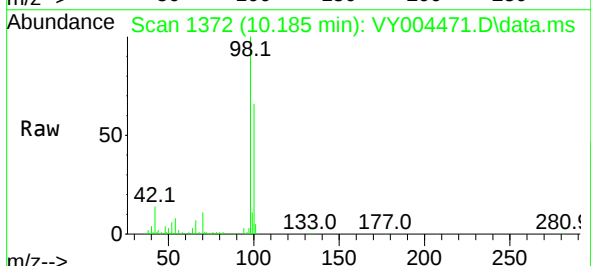


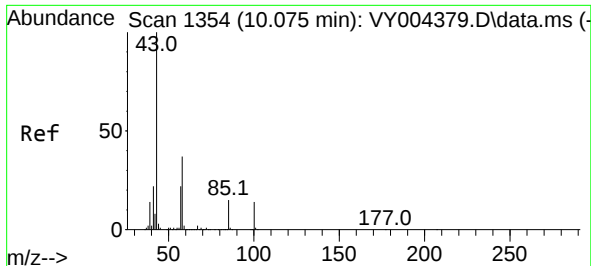
Tgt Ion: 117 Resp: 8306
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.41 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

Tgt Ion: 98 Resp: 149711
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

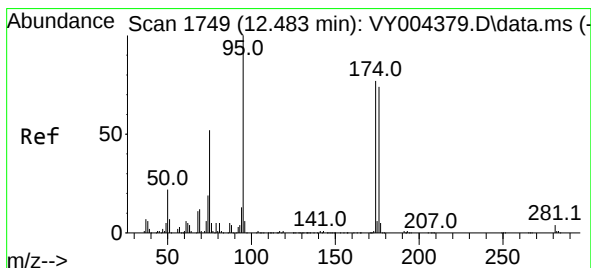
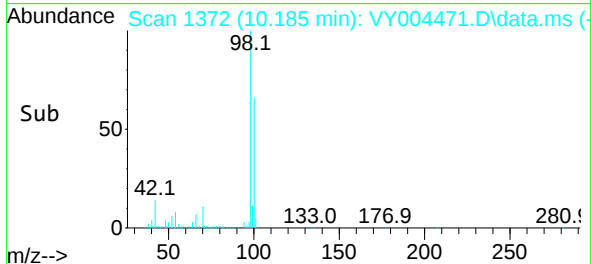
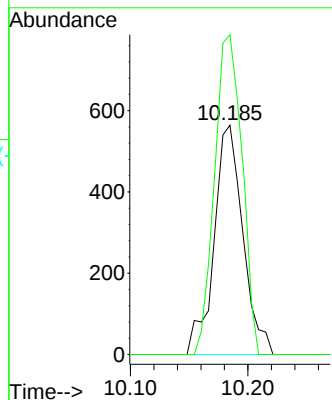
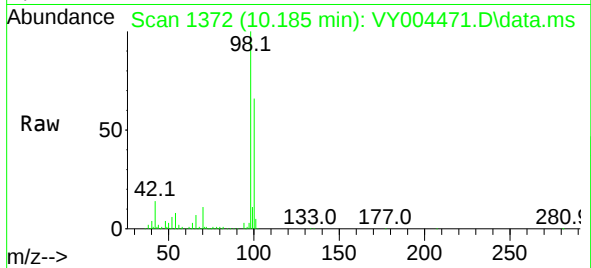




#51
4-Methyl-2-Pentanone
Concen: 1.23 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

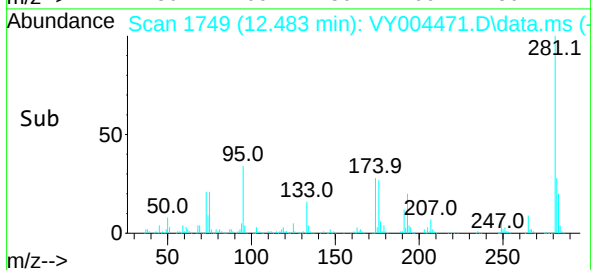
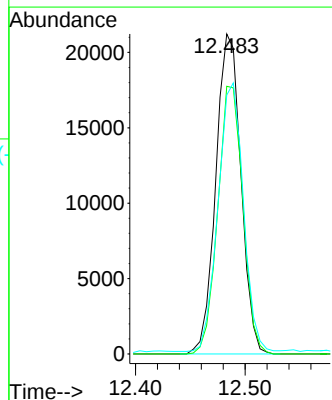
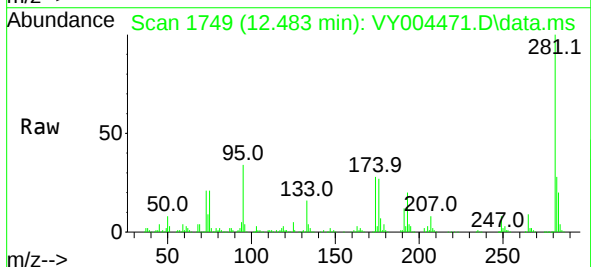
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

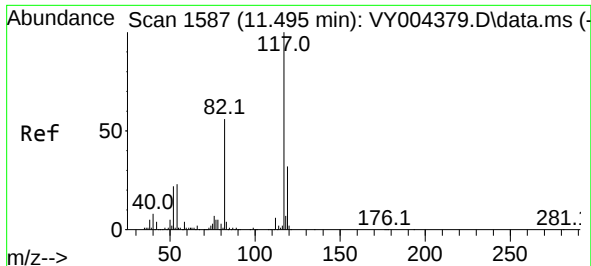
Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 132.8 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 33.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

Tgt Ion: 95 Resp: 33709
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.4
176 84.4 0.0 156.0

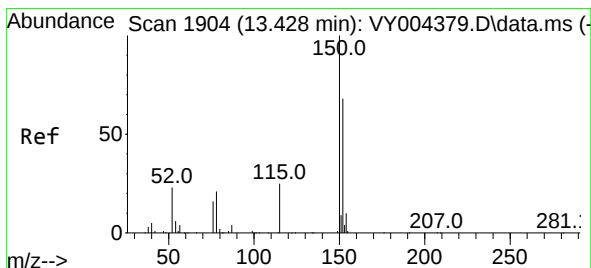
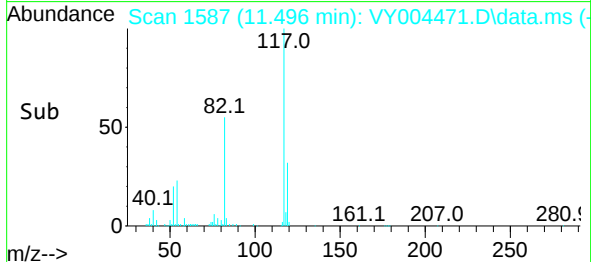
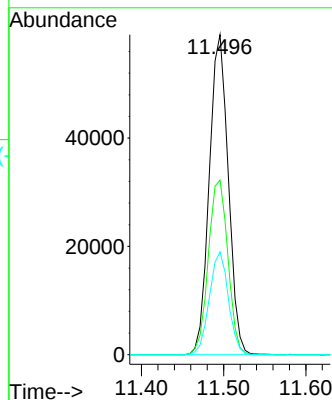
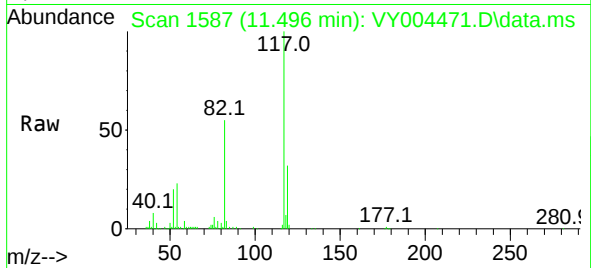




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

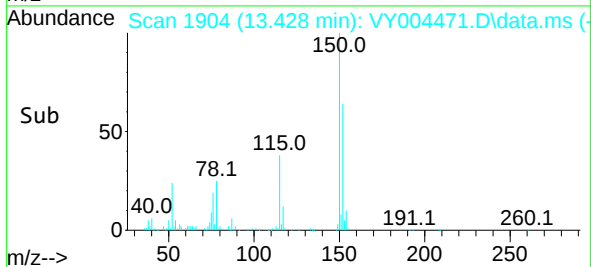
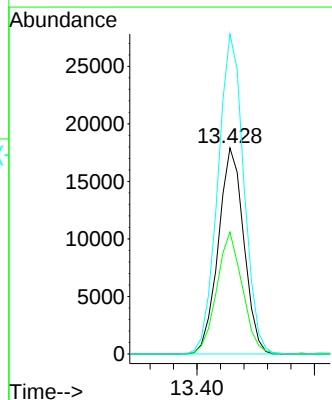
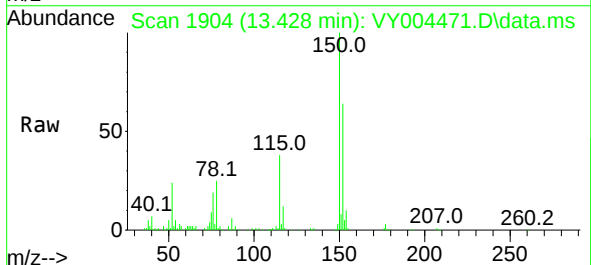
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

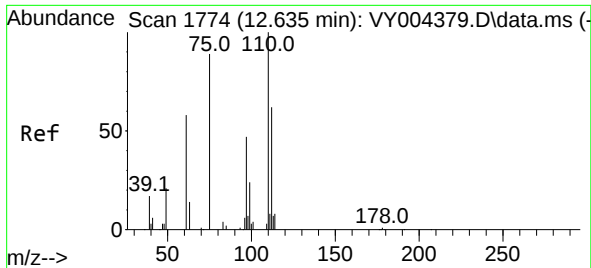
Tgt Ion:	117	Resp:	94815
Ion Ratio	Lower	Upper	
117	100		
82	54.6	44.9	67.3
119	32.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

Tgt Ion:	152	Resp:	26933
Ion Ratio	Lower	Upper	
152	100		
115	59.7	29.6	88.8
150	158.5	0.0	348.4

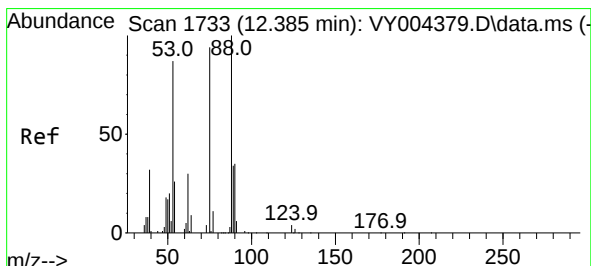
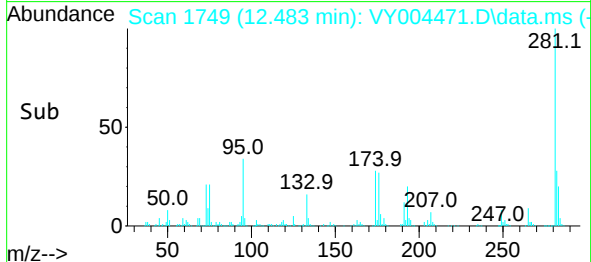
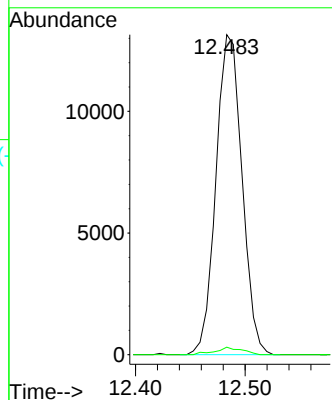
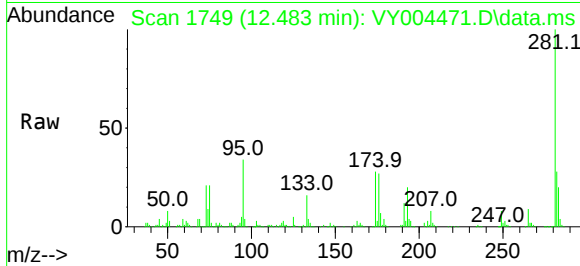




#76
1,2,3-Trichloropropane
Concen: 75.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

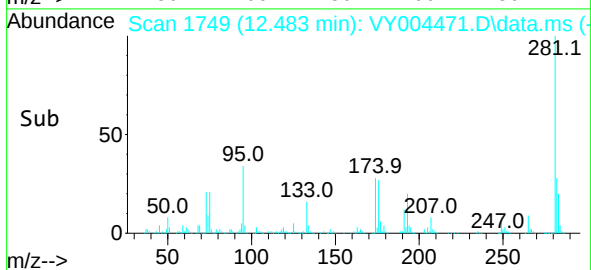
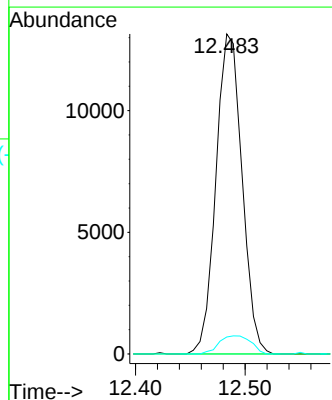
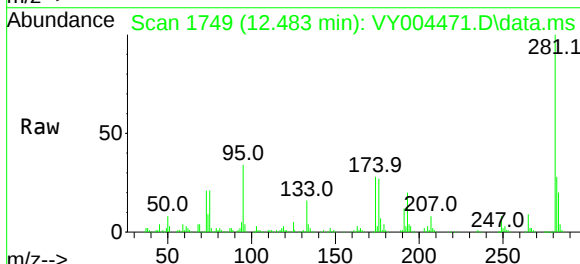
Instrument :
MSVOA_Y
ClientSampled :
TP-4

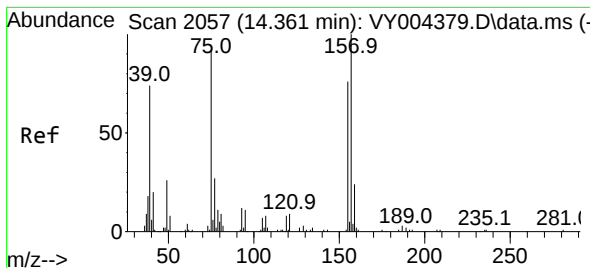
Tgt Ion: 75 Resp: 21727
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

Tgt Ion: 75 Resp: 21727
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 6.9 36.1 54.1#

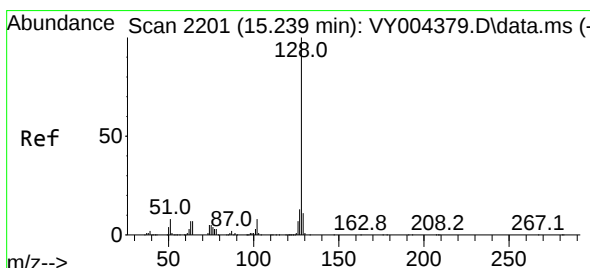
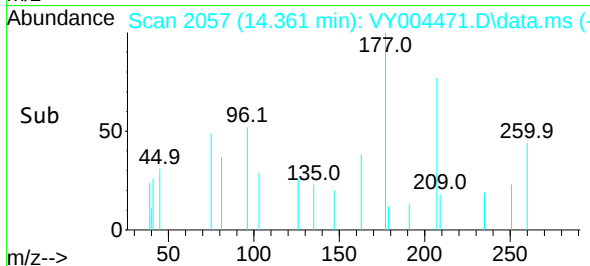
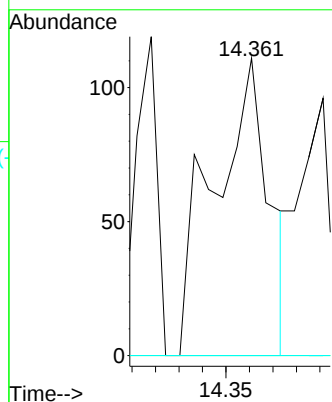
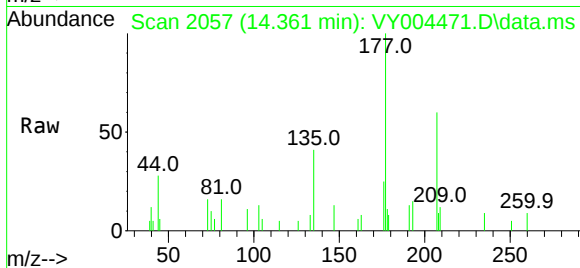




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.56 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

Instrument :
MSVOA_Y
ClientSampled :
TP-4

Tgt Ion: 75 Resp: 181
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#



#95
Naphthalene
Concen: 2.25 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004471.D
Acq: 16 Apr 2021 15:45

Tgt Ion: 128 Resp: 2505
Ion Ratio Lower Upper
128 100
127 14.9 10.2 15.2
129 9.9 8.8 13.2

