

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004475.D
 Acq On : 16 Apr 2021 17:18
 Operator : SY/MD
 Sample : M2050-17
 Misc : 5.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Apr 17 00:56:22 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)

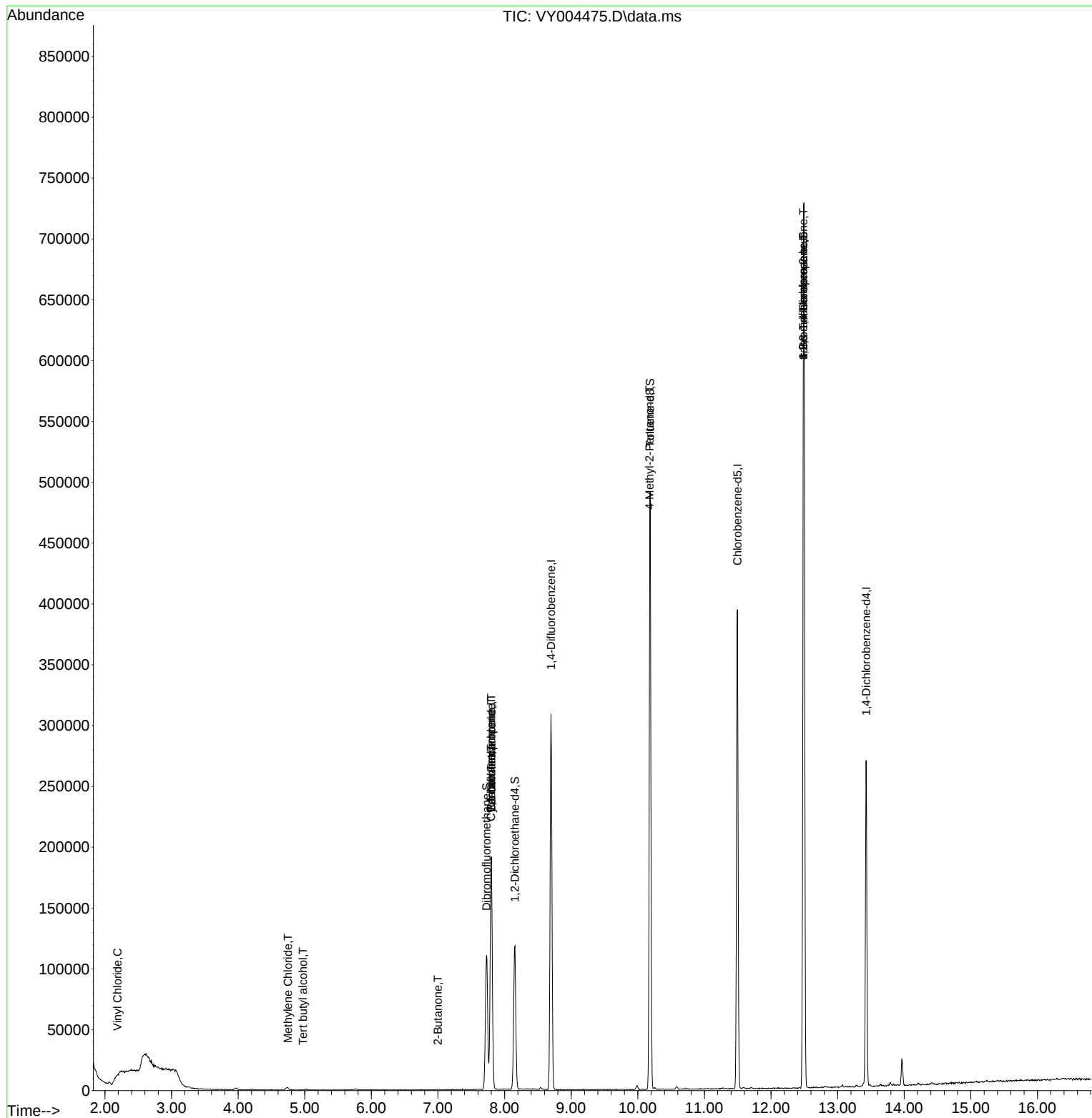
Internal Standards						
1) Pentafluorobenzene	7.801	168	146824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	203637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	90668	55.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.16%			
35) Dibromofluoromethane	7.728	113	78056	56.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.34%			
50) Toluene-d8	10.185	98	303397	51.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.64%			
62) 4-Bromofluorobenzene	12.483	95	78281	39.02	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.04%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.186	62	4014	1.93	ug/l #	43
11) Tert butyl alcohol	4.972	59	431	2.68	ug/l #	73
16) Acetone	3.966	43	2545	Below Cal		90
20) Methylene Chloride	4.747	84	1651	1.05	ug/l #	62
25) 2-Butanone	6.996	43	713	1.15	ug/l #	50
31) Cyclohexane	7.795	56	3510	1.17	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	11790	4.74	ug/l #	50
38) Carbon Tetrachloride	7.801	117	14404	6.70	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1720	1.10	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47563	70.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47563	125.46	ug/l #	14

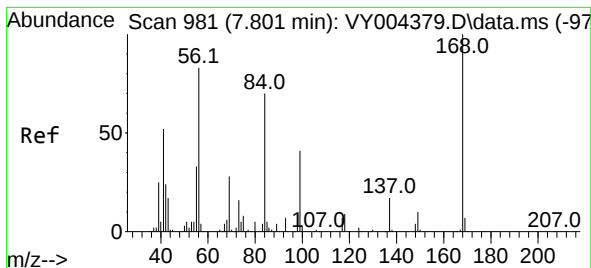
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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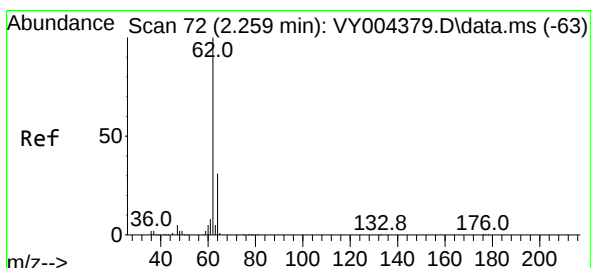
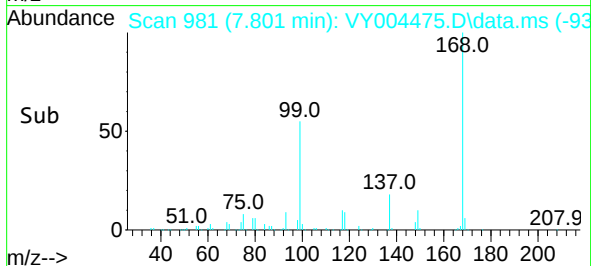
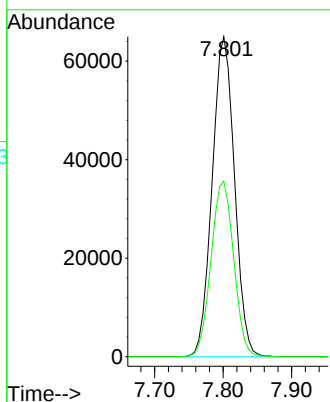
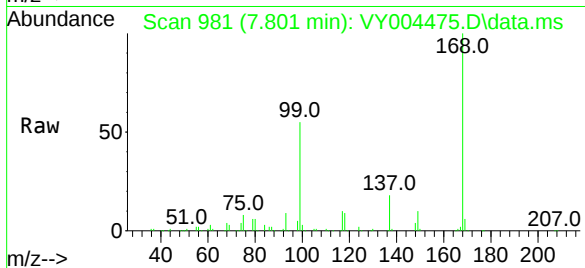




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

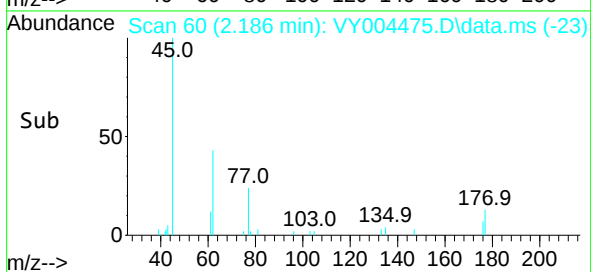
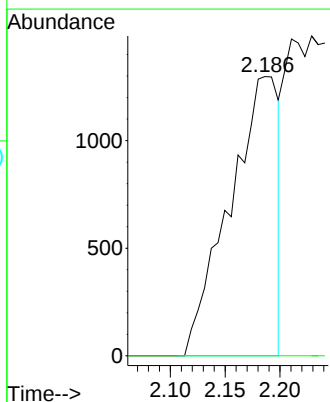
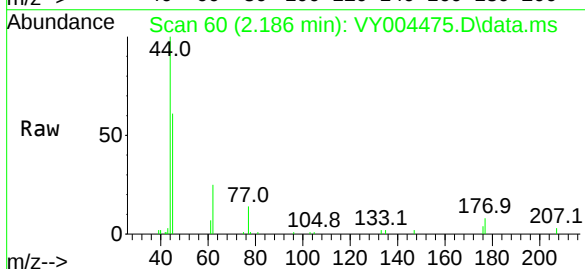
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

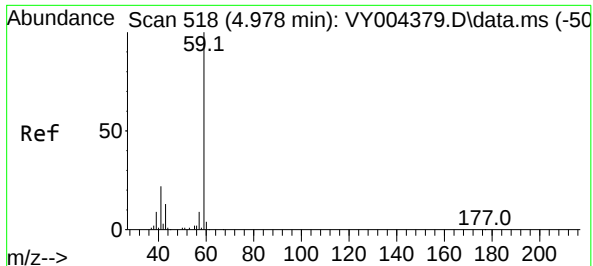
Tgt Ion:168 Resp: 146824
Ion Ratio Lower Upper
168 100
99 54.9 45.5 68.3



#4
Vinyl Chloride
Concen: 1.93 ug/l
RT: 2.186 min Scan# 60
Delta R.T. -0.073 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

Tgt Ion: 62 Resp: 4014
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



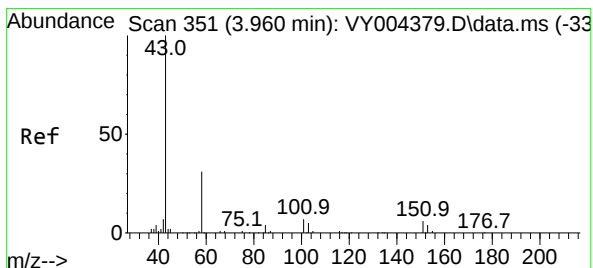
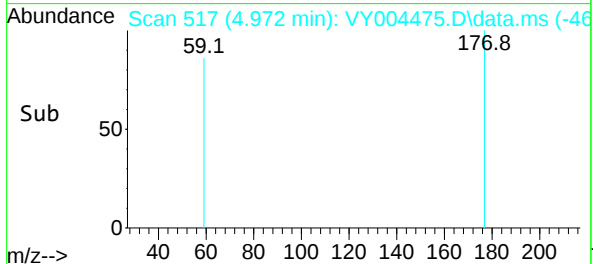
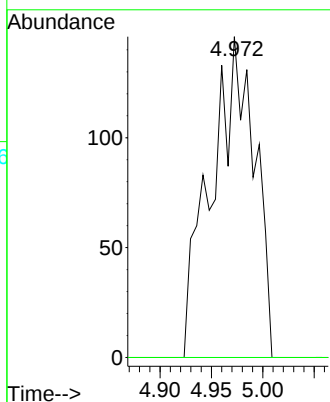
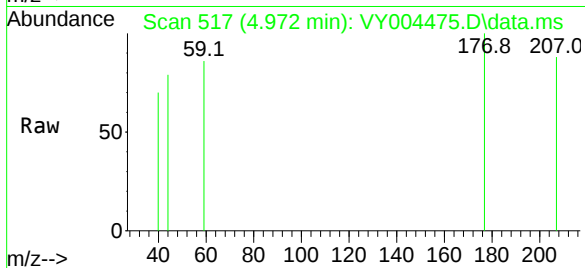


#11

Tert butyl alcohol
Concen: 2.68 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

Instrument :
MSVOA_Y
ClientSampled :
TP-6

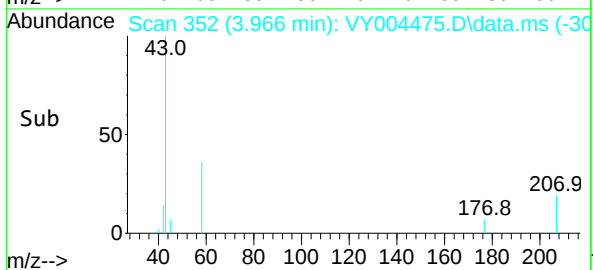
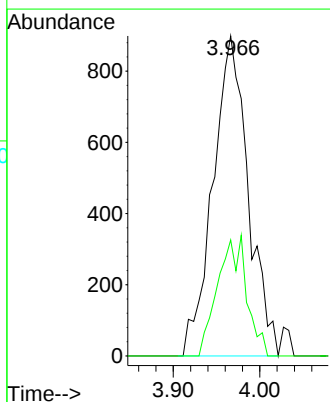
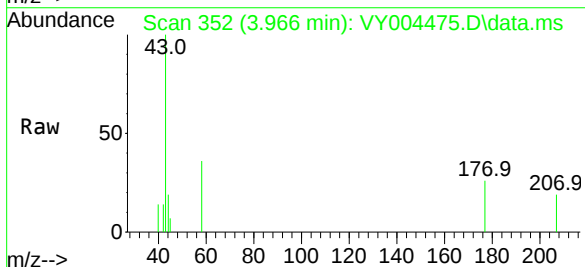
Tgt Ion: 59 Resp: 431
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

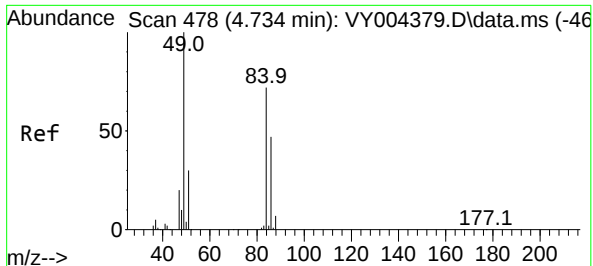


#16

Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

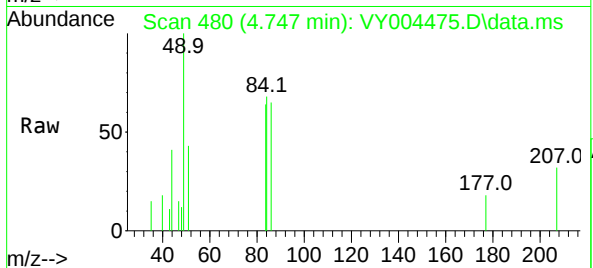
Tgt Ion: 43 Resp: 2545
Ion Ratio Lower Upper
43 100
58 36.3 24.6 37.0



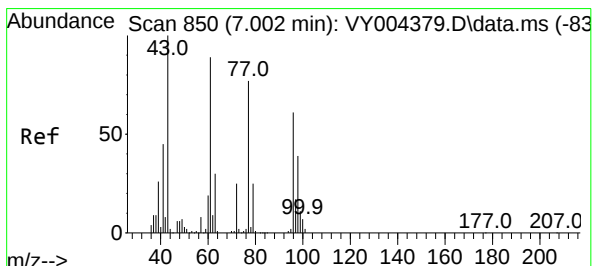
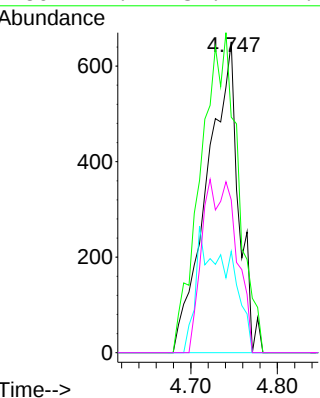
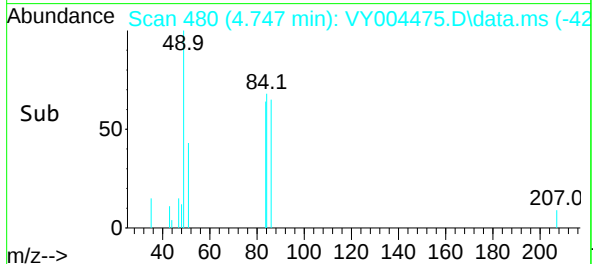


#20
Methylene Chloride
Concen: 1.05 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.012 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

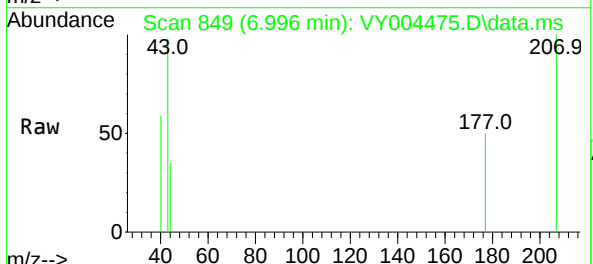
Instrument :
MSVOA_Y
ClientSampleId :
TP-6



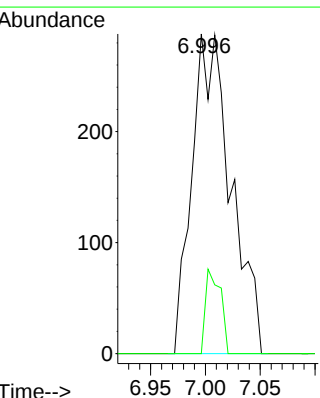
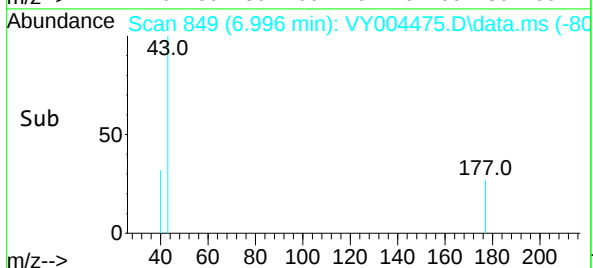
Tgt Ion: 84 Resp: 1651
Ion Ratio Lower Upper
84 100
49 75.7 111.2 166.8#
51 32.6 33.4 50.2#
86 49.2 52.7 79.1#

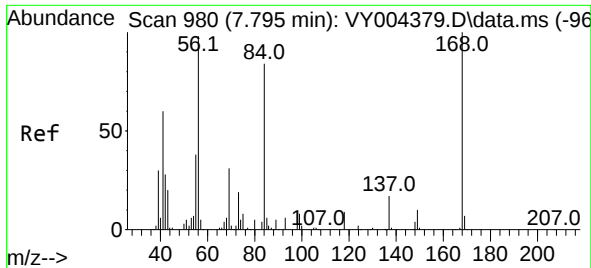


#25
2-Butanone
Concen: 1.15 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18



Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#

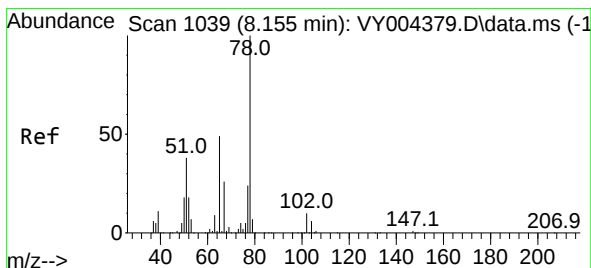
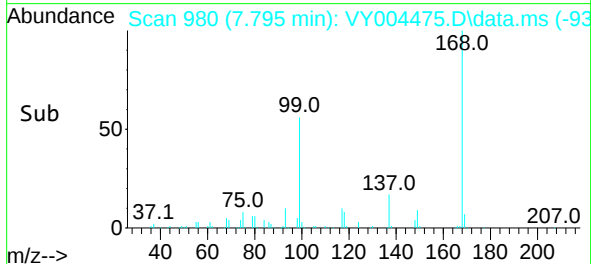
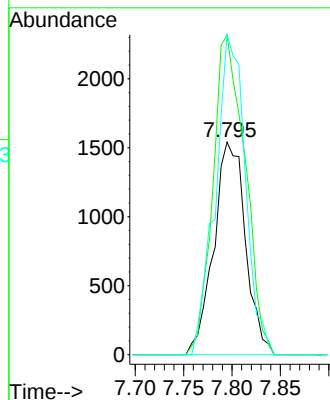
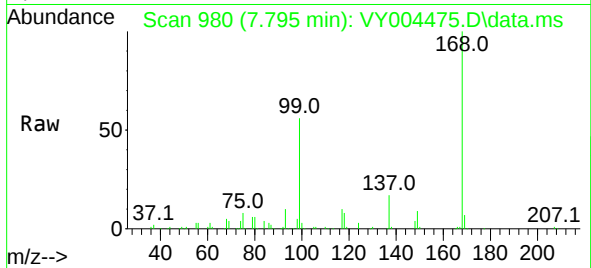




#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

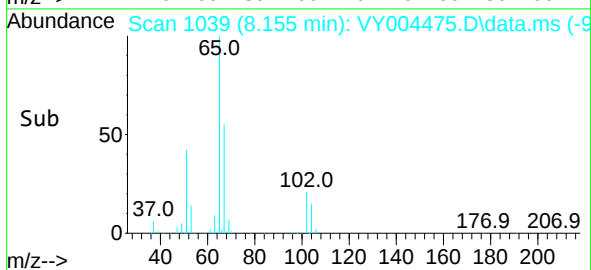
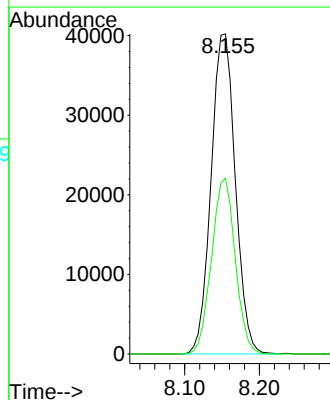
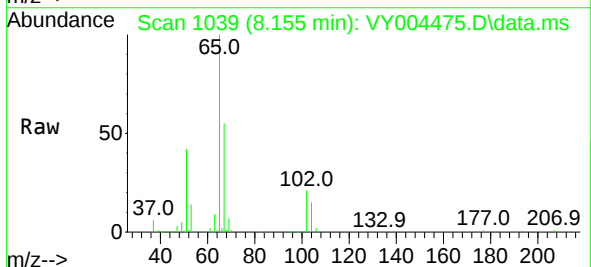
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

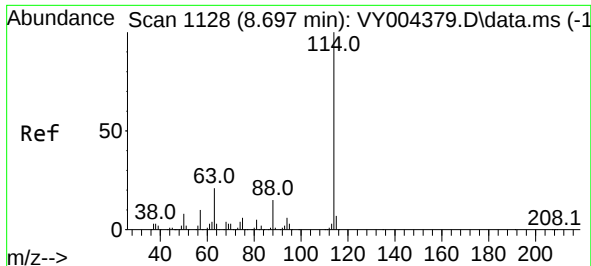
Tgt Ion: 56 Resp: 3510
Ion Ratio Lower Upper
56 100
69 150.3 25.8 38.6#
84 150.6 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 55.58 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

Tgt Ion: 65 Resp: 90668
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.4

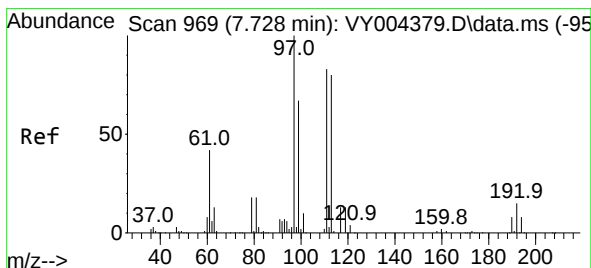
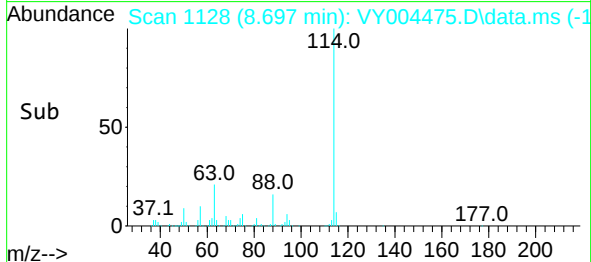
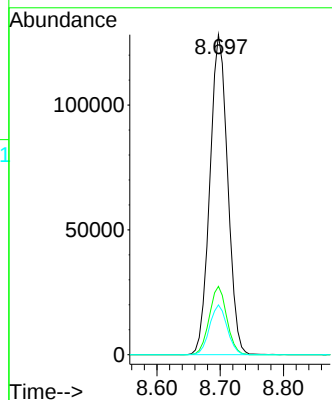
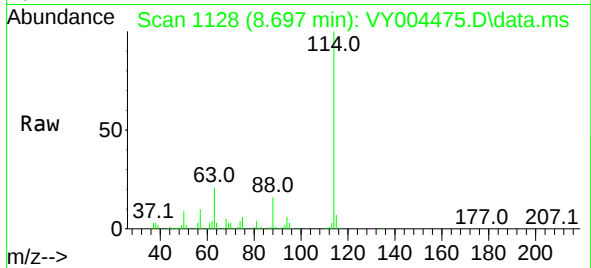




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

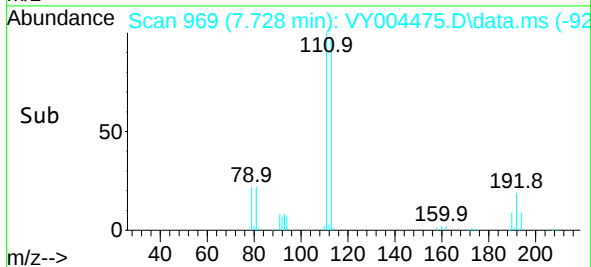
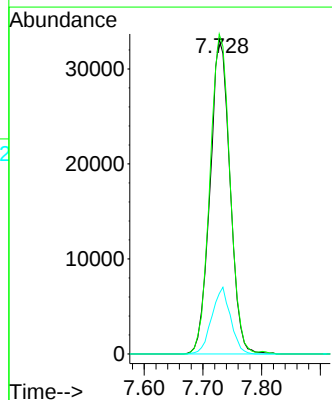
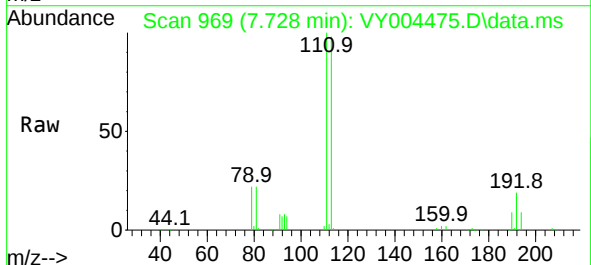
Instrument :
MSVOA_Y
ClientSampleId :
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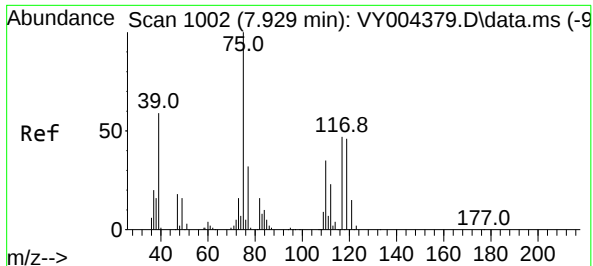
Tgt Ion:	114	Resp:	250427
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	42.4
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 56.17 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

Tgt Ion:	113	Resp:	78056
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.6	123.8
192	20.0	16.1	24.1





#36

1,1-Dichloropropene

Concen: 4.74 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY004475.D

Acq: 16 Apr 2021 17:18

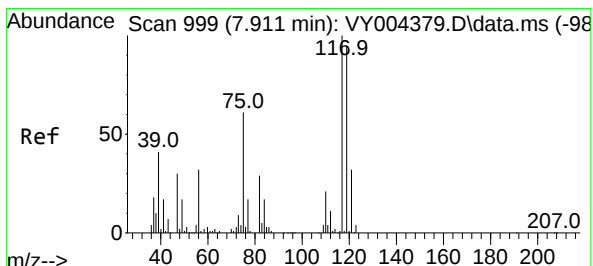
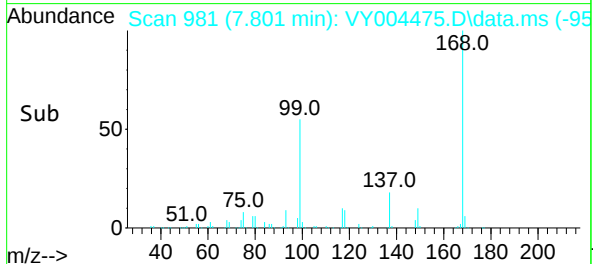
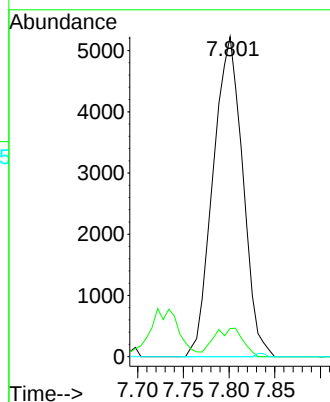
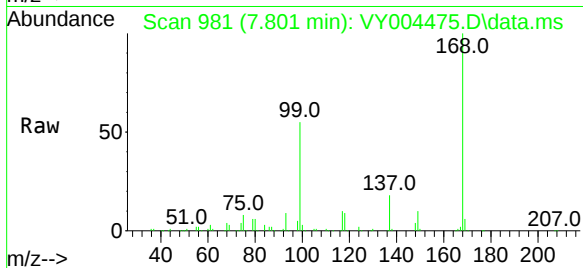
Instrument :

MSVOA_Y

ClientSampled :

TP-6

Tgt Ion: 75	Resp: 11790
Ion Ratio	Lower Upper
75 100	
110 8.6	17.3 51.7#
77 0.0	24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.70 ug/l

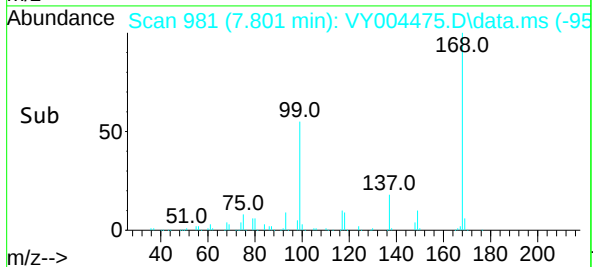
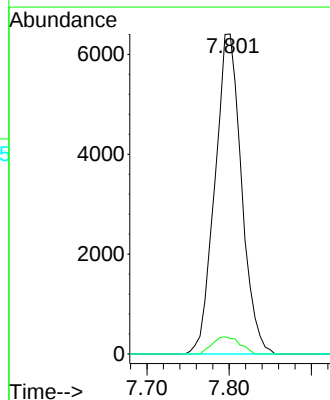
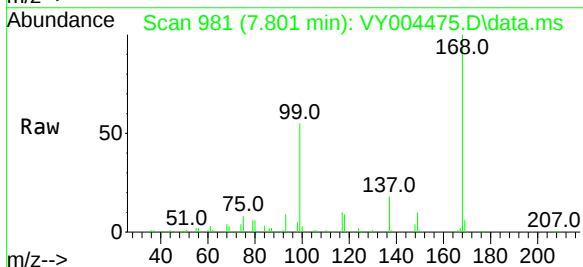
RT: 7.801 min Scan# 981

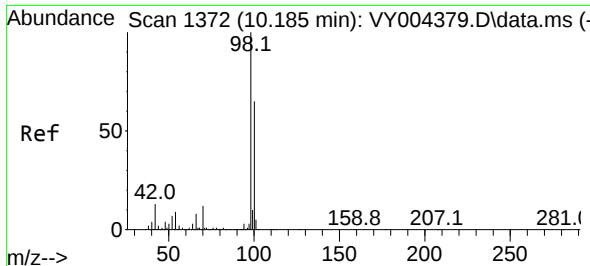
Delta R.T. -0.110 min

Lab File: VY004475.D

Acq: 16 Apr 2021 17:18

Tgt Ion: 117	Resp: 14404
Ion Ratio	Lower Upper
117 100	
119 4.9	75.8 113.8#
121 0.0	25.3 37.9#

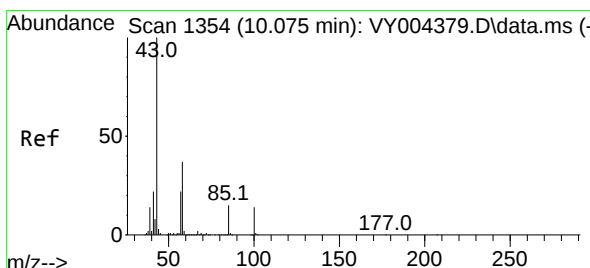
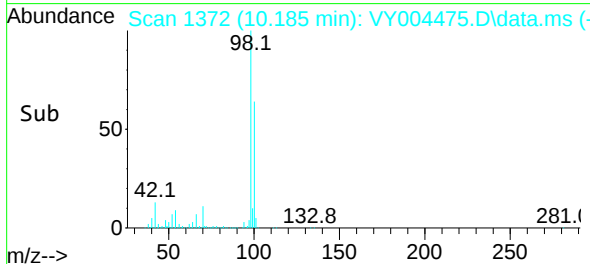
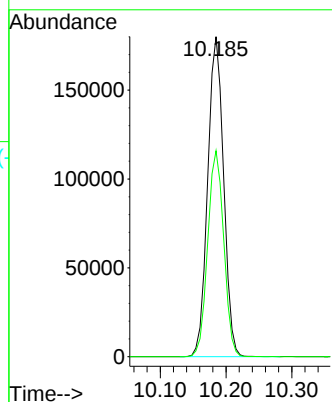
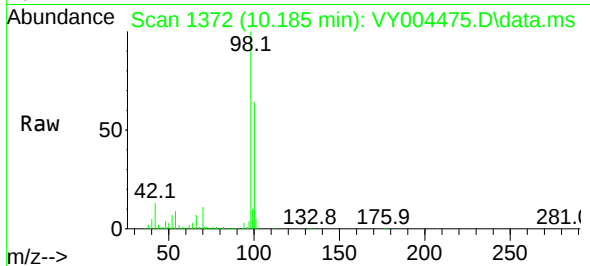




#50
Toluene-d8
Concen: 51.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

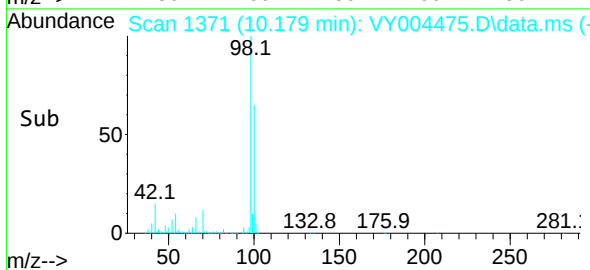
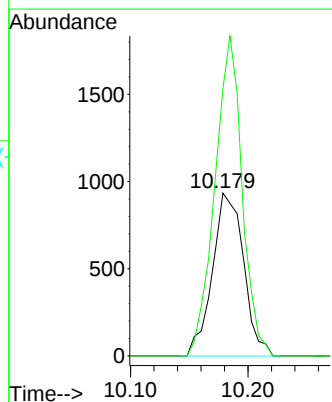
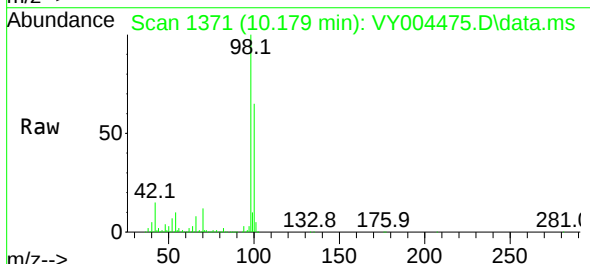
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

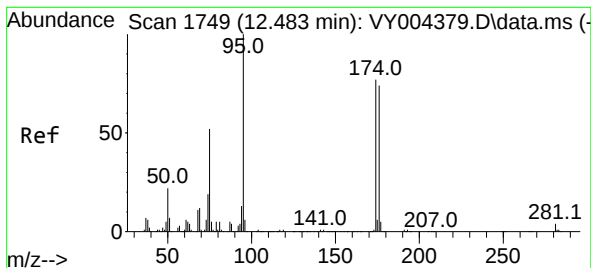
Tgt Ion: 98 Resp: 303397
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
58 172.4 29.2 43.8#

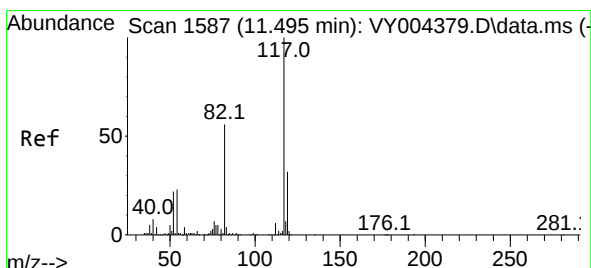
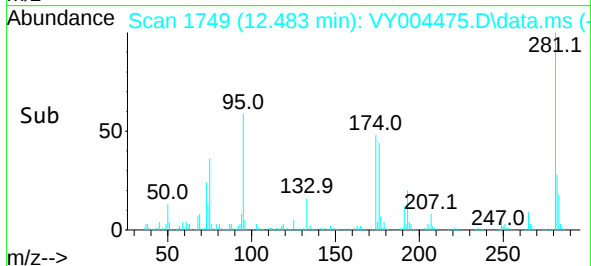
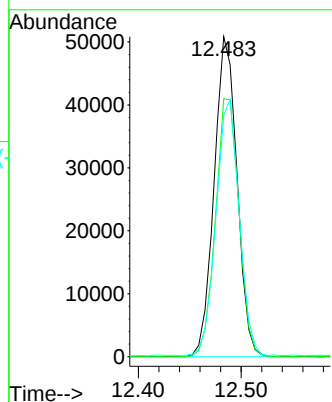
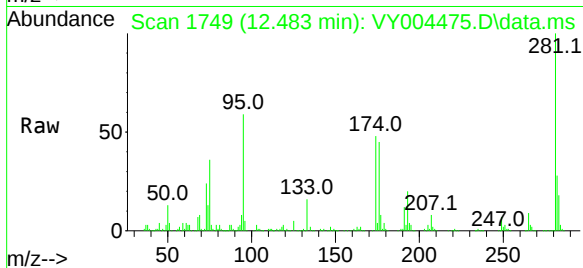




#62
4-Bromofluorobenzene
Concen: 39.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

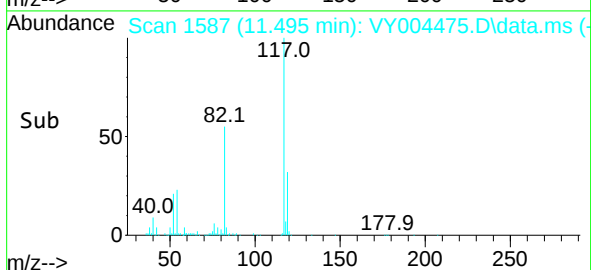
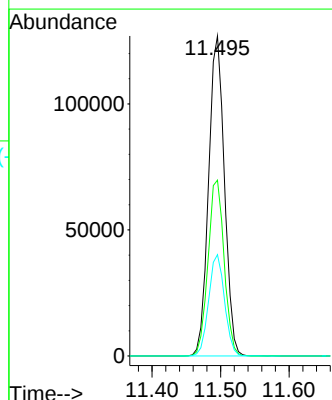
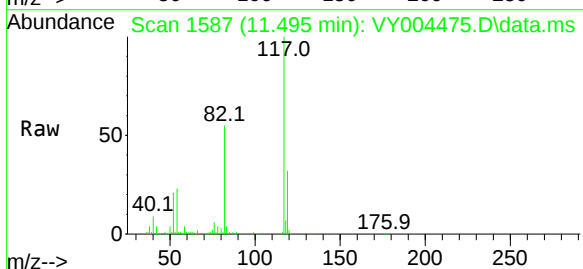
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

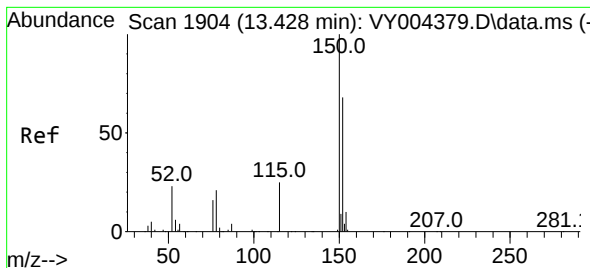
Tgt Ion:	95	Resp:	78281
Ion Ratio	Lower	Upper	
95	100		
174	83.1	0.0	162.4
176	81.1	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

Tgt Ion:	117	Resp:	203637
Ion Ratio	Lower	Upper	
117	100		
82	55.0	44.9	67.3
119	31.7	25.4	38.0

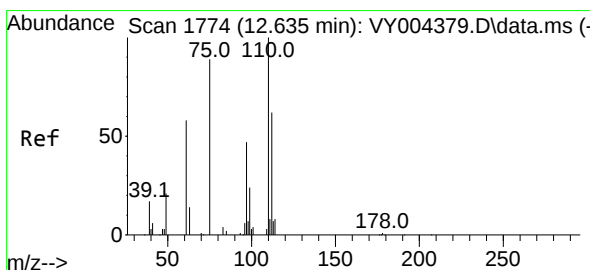
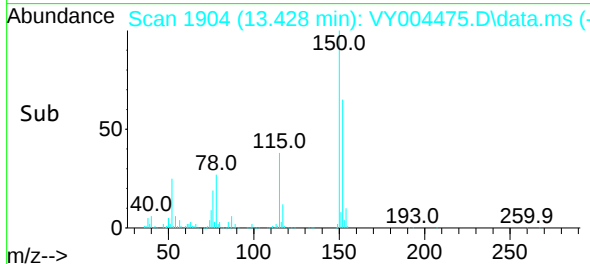
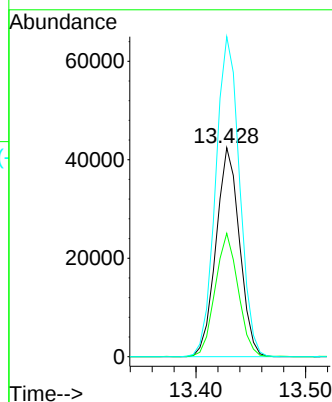
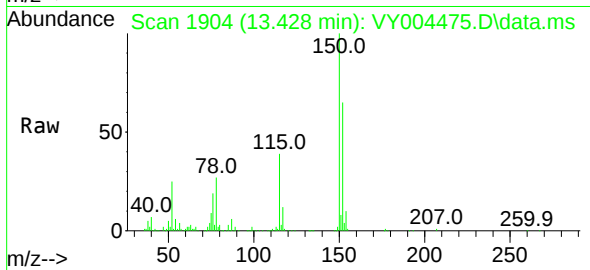




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

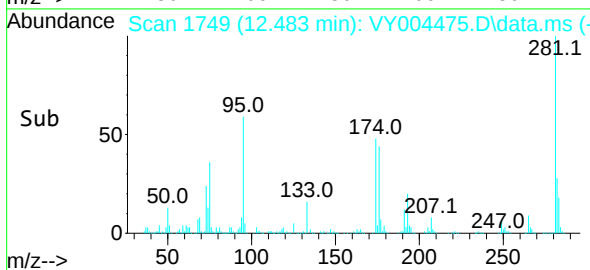
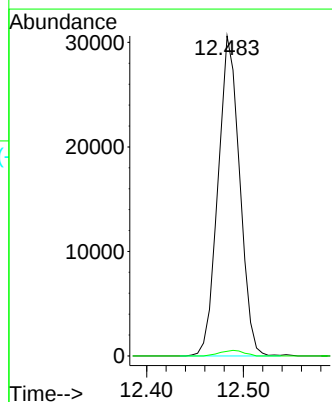
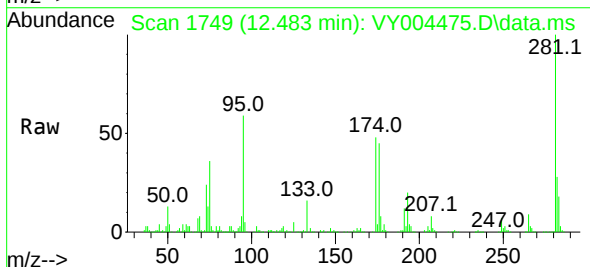
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

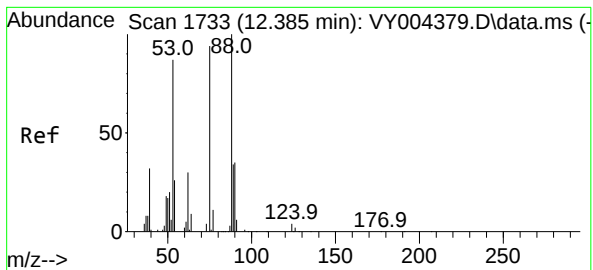
Tgt Ion:152 Resp: 63190
Ion Ratio Lower Upper
152 100
115 57.9 29.6 88.8
150 155.9 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 70.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004475.D
Acq: 16 Apr 2021 17:18

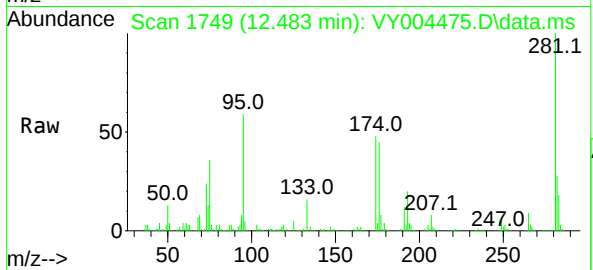
Tgt Ion: 75 Resp: 47563
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.46 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004475.D
 Acq: 16 Apr 2021 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6



Tgt Ion: 75 Resp: 47563
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 4.0 36.1 54.1#

