

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002906.D
 Acq On : 16 Jun 2020 13:46
 Operator : SY/MD
 Sample : L3020-01
 Misc : 8.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-22(16.5-18.5)

Quant Time: Jun 17 01:46:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

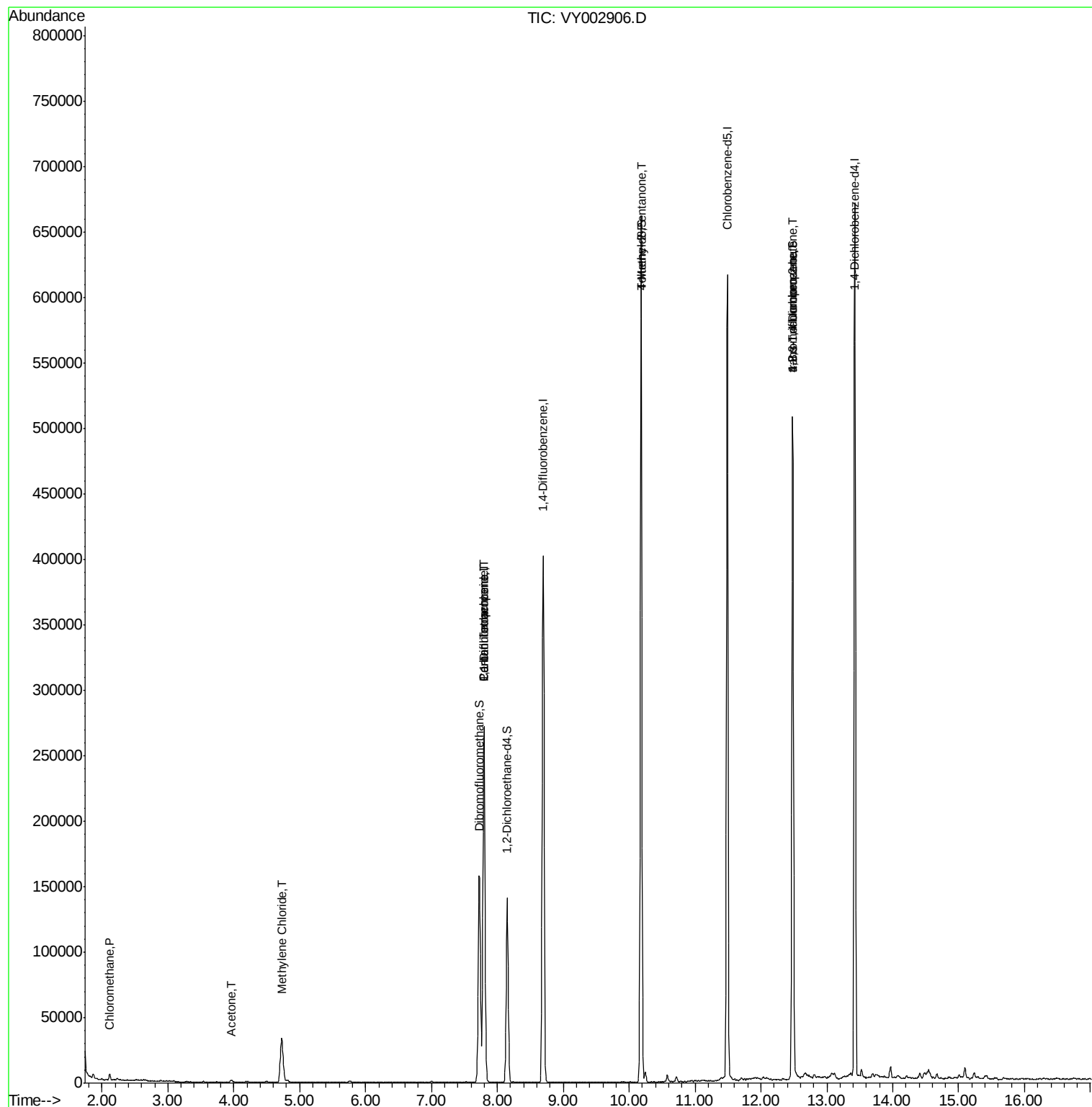
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	230402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	370180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	356387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	109800	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
35) Dibromofluoromethane	7.73	113	113306	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
50) Toluene-d8	10.18	98	444950	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.48	95	153054	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
Target Compounds						
3) Chloromethane	2.12	50	4592	2.619	ug/l	99
11) Tert butyl alcohol	4.95	59	70	Below Cal	#	74
16) Acetone	3.96	43	2634	5.615	ug/l	99
20) Methylene Chloride	4.72	84	27761	12.110	ug/l	97
36) 1,1-Dichloropropene	7.80	75	13403	4.298	ug/l #	49
38) Carbon Tetrachloride	7.80	117	20914	6.037	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	1740	1.022	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	73396	45.099	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	73396	84.967	ug/l #	17

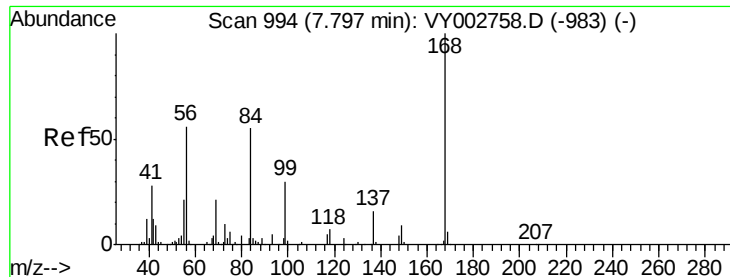
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
Data File : VY002906.D
Acq On : 16 Jun 2020 13:46
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Sample : L3020-01
Misc : 8.30G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-22(16.5-18.5)

Quant Time: Jun 17 01:46:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002906.D

Acq: 16 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

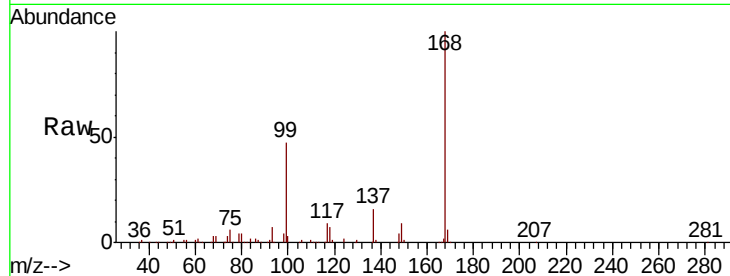
MW-22(16.5-18.5)

Tot Ion:168 Resp: 230402

Ion Ratio Lower Upper

168 100

99 46.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

100000

80000

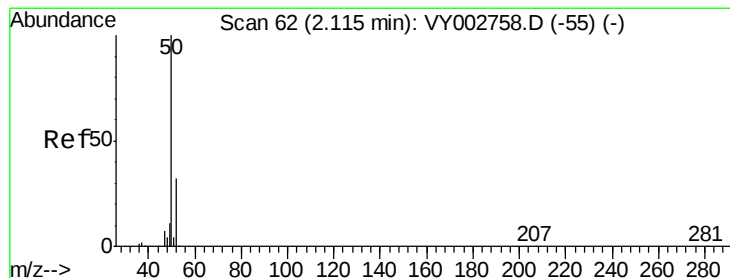
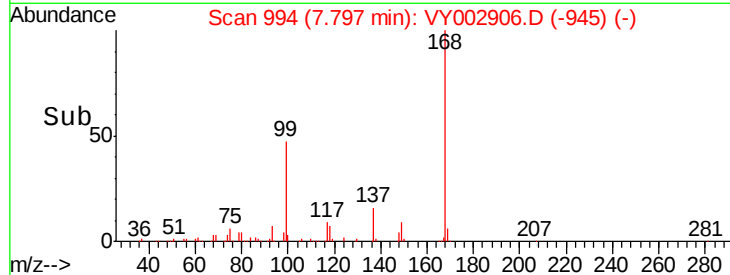
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 2.619 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002906.D

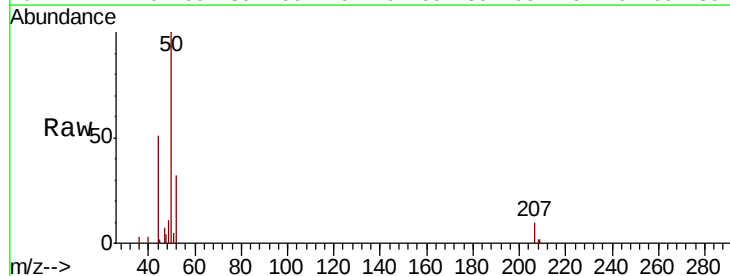
Acq: 16 Jun 2020 13:46

Tgt Ion: 50 Resp: 4592

Ion Ratio Lower Upper

50 100

52 31.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002758.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002758.D (-55) (-)

2.12

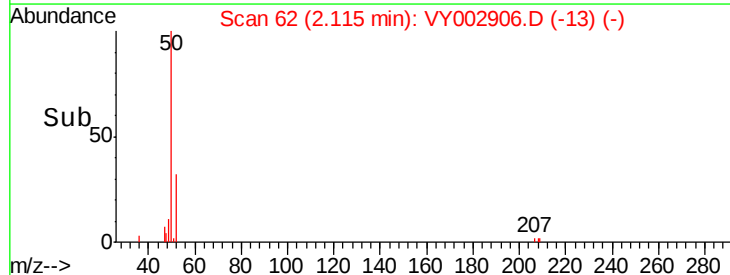
3000

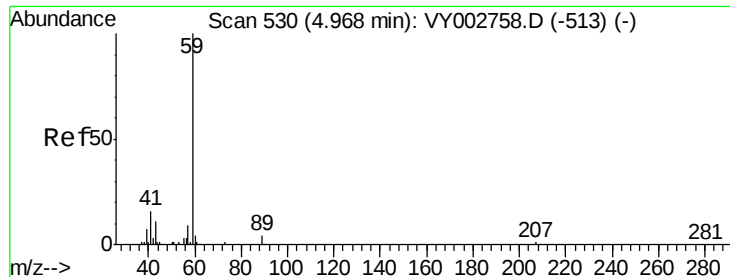
2000

1000

0

Time-->

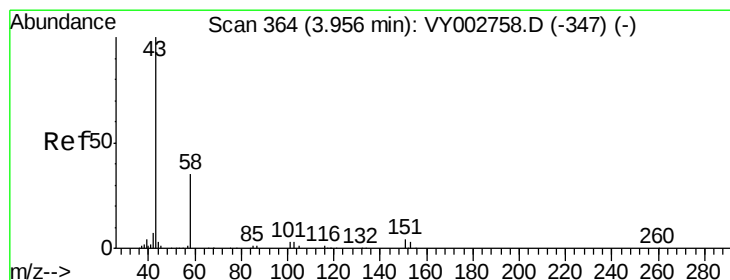
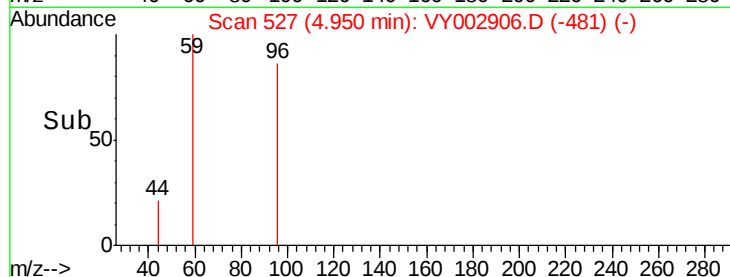
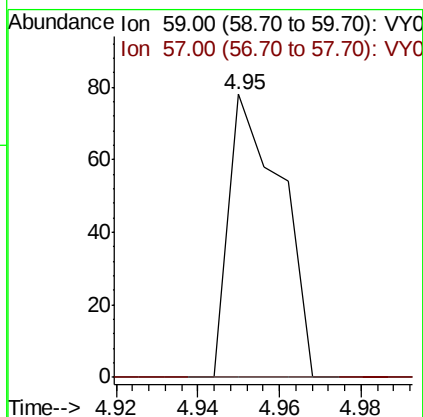
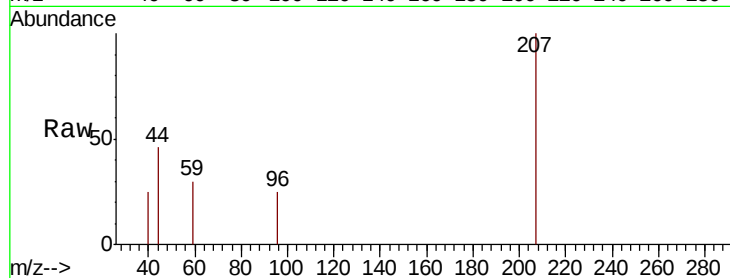




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.95 min Scan# 527
Delta R.T. -0.02 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

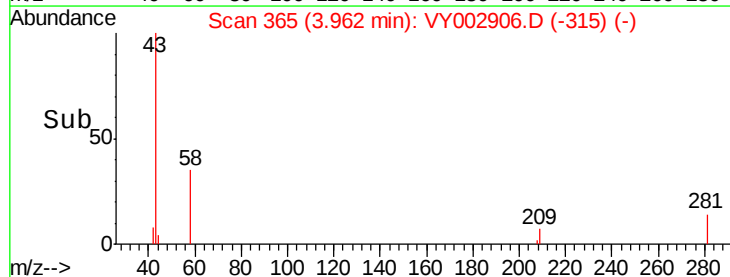
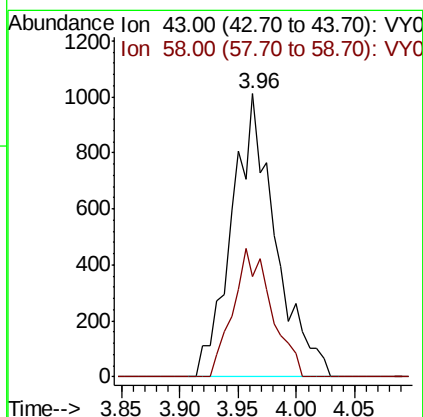
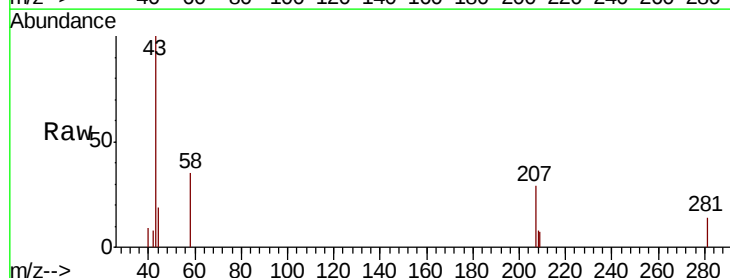
Instrument :
MSVOA_Y
ClientSampleId :
MW-22(16.5-18.5)

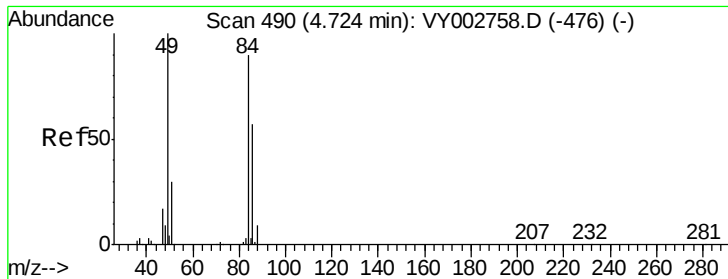
Tot Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 5.615 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

Tgt Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5

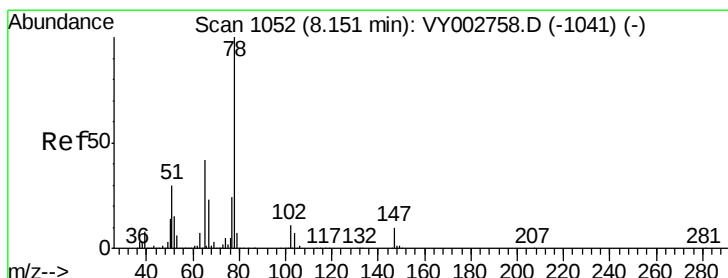
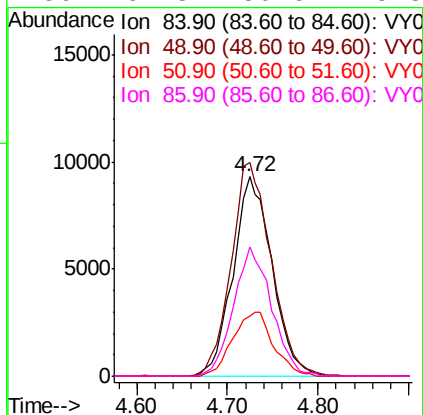
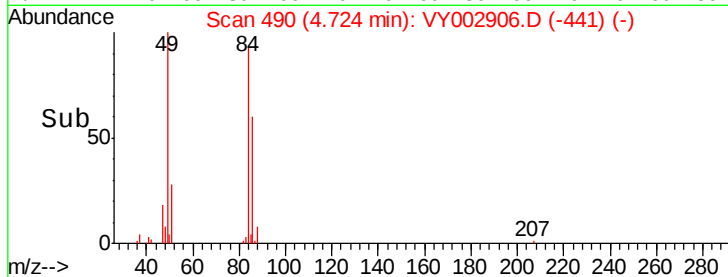
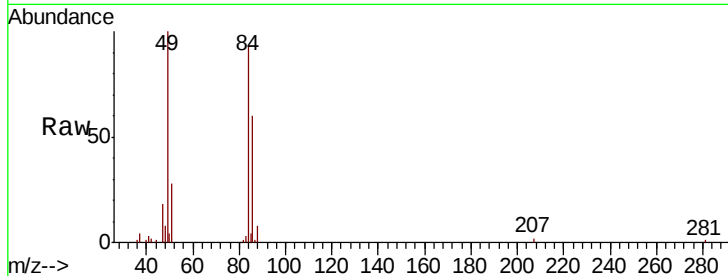




#20
Methvlene Chloride
Concen: 12.110 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

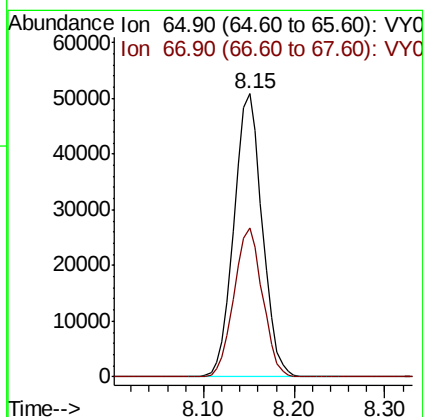
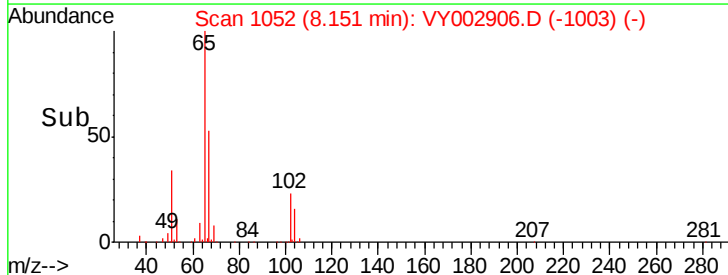
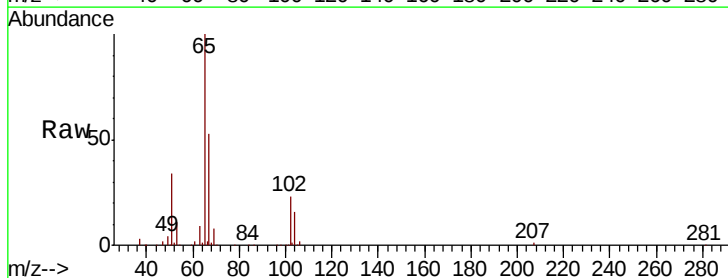
Instrument :
MSVOA_Y
ClientSampleId :
MW-22(16.5-18.5)

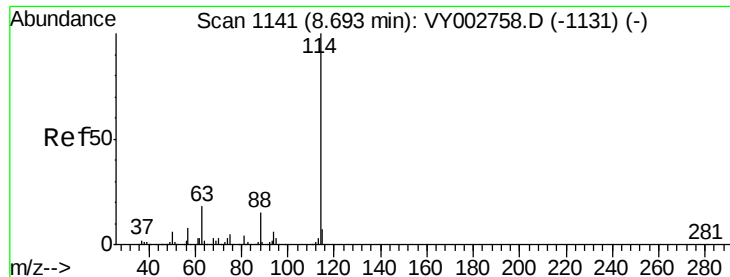
Tot Ion: 84 Resp: 27761
Ion Ratio Lower Upper
84 100
49 107.3 88.5 132.7
51 30.3 26.8 40.2
86 64.8 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 54.885 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

Tgt Ion: 65 Resp: 109800
Ion Ratio Lower Upper
65 100
67 53.2 0.0 111.0

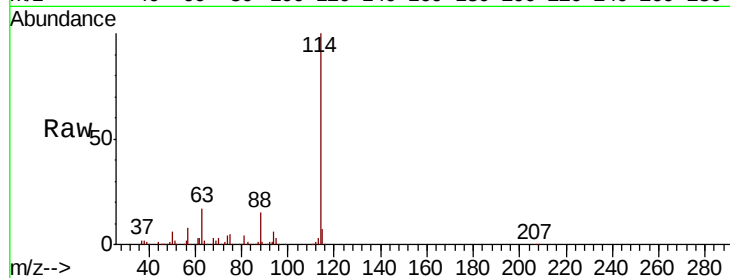




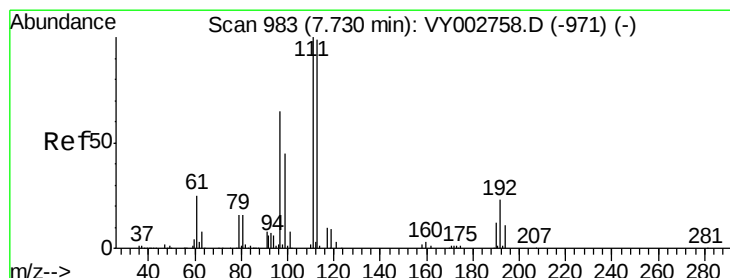
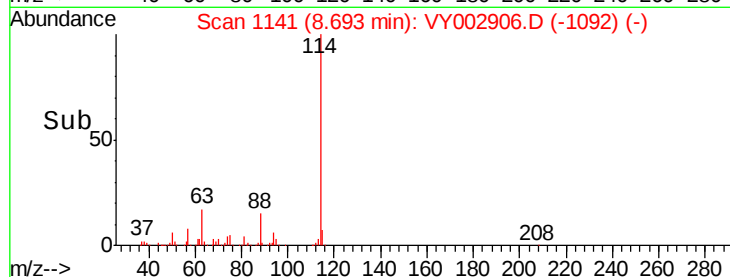
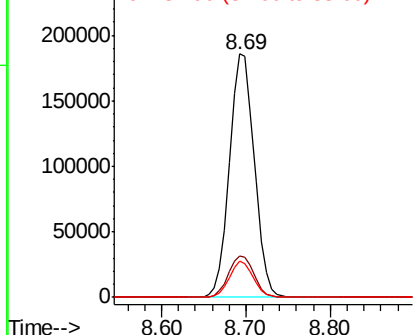
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002906.D
 Acq: 16 Jun 2020 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-22(16.5-18.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.2
88	14.9	0.0	29.2

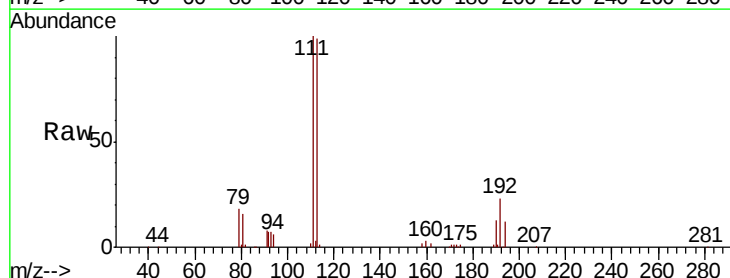


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

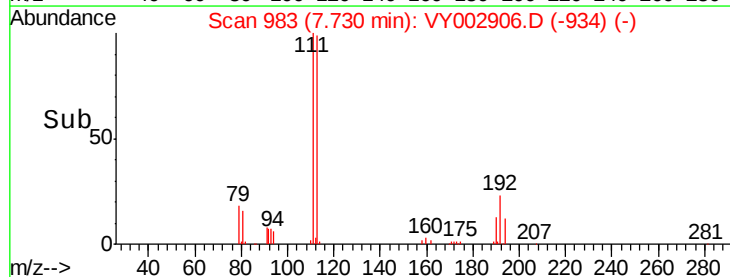
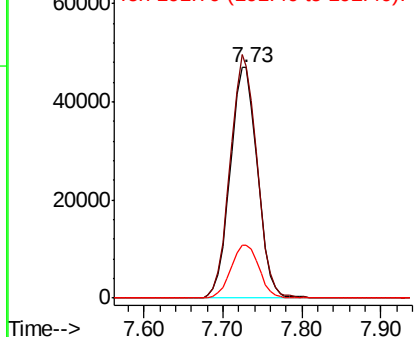


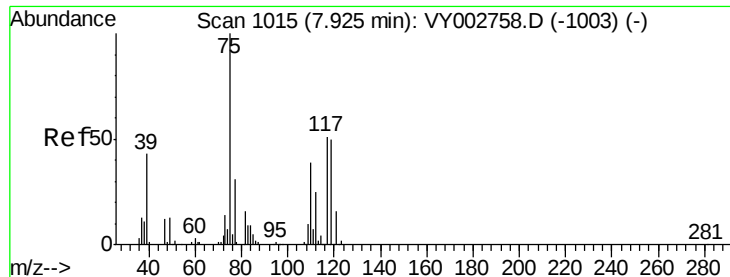
#35
 Dibromofluoromethane
 Concen: 52.228 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY002906.D
 Acq: 16 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	23.7	18.9	28.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

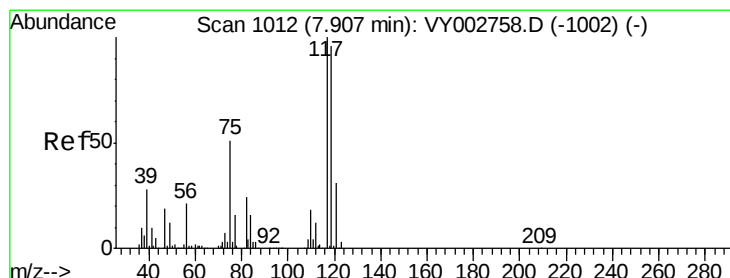
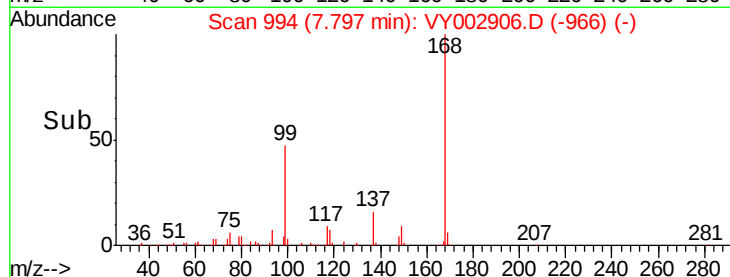
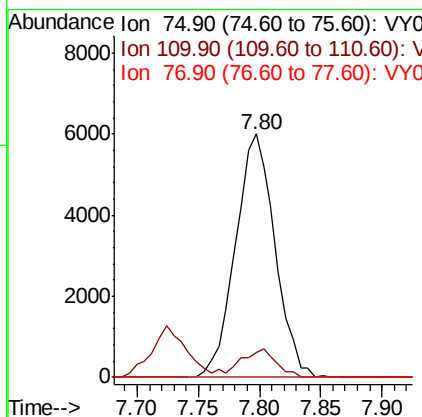
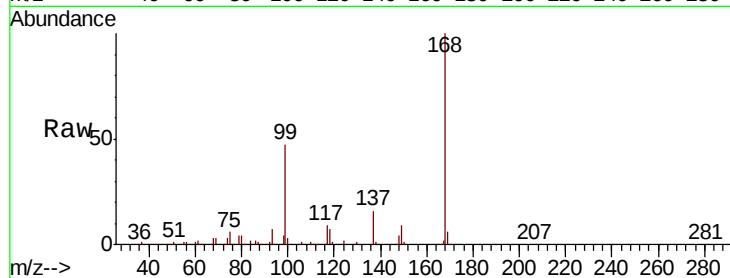




#36
 1,1-Dichloropropene
 Concen: 4.298 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002906.D
 Acq: 16 Jun 2020 13:46

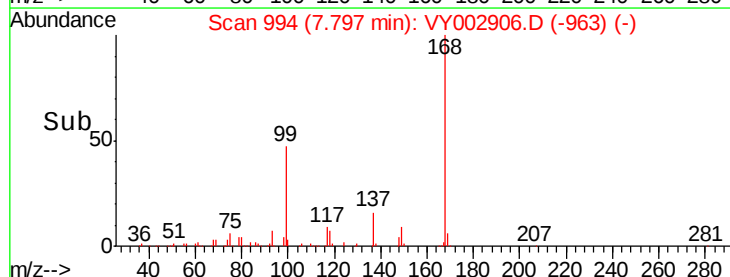
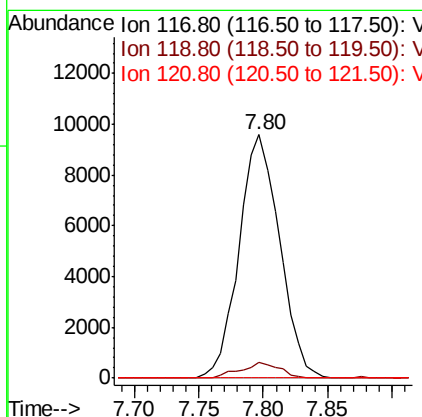
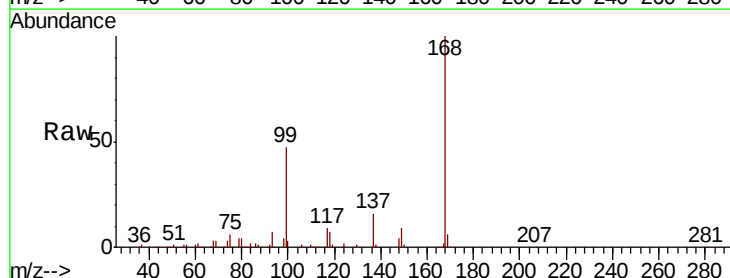
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 MW-22(16.5-18.5)

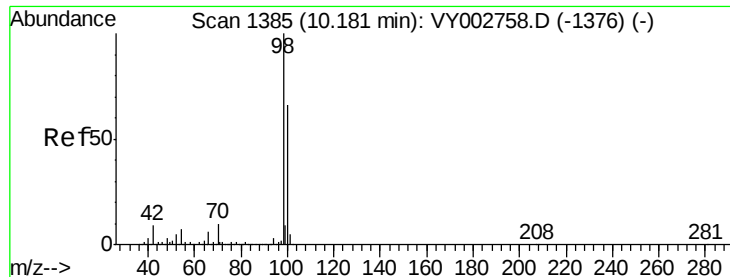
Tot Ion	75	Resp	13403
Ion Ratio	100	Lower	Upper
75	100		
110	10.0	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.037 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002906.D
 Acq: 16 Jun 2020 13:46

Tgt Ion	117	Resp	20914
Ion Ratio	100	Lower	Upper
117	100		
119	6.4	76.8	115.2#
121	0.0	24.8	37.2#

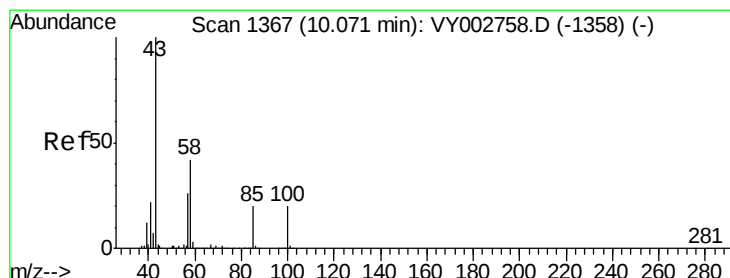
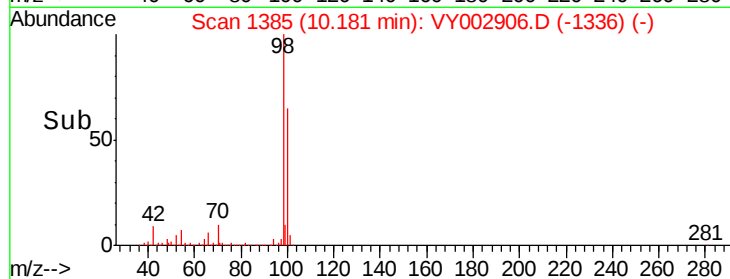
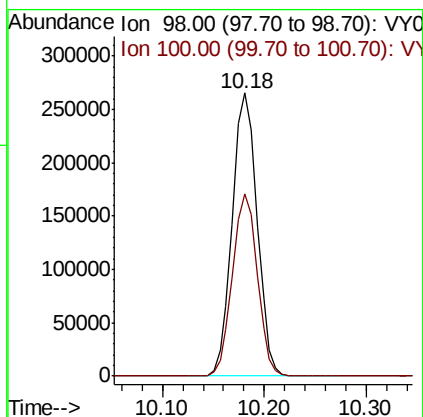
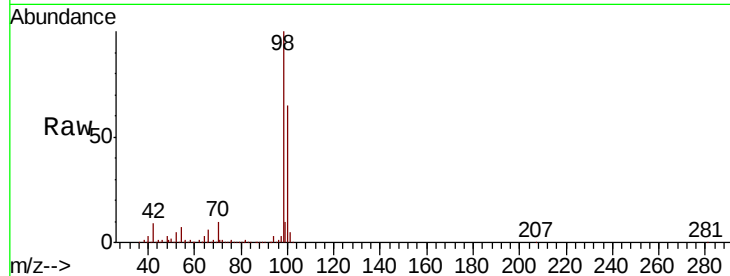




#50
Toluene-d8
Concen: 50.726 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

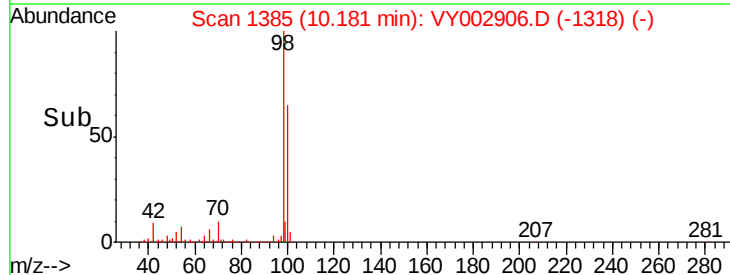
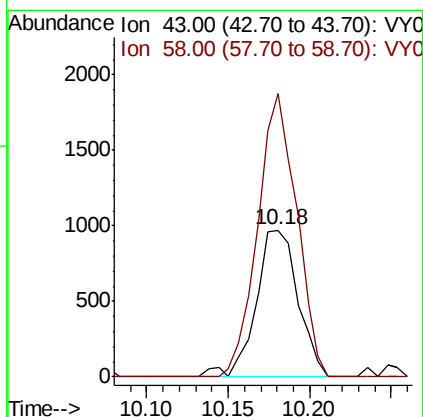
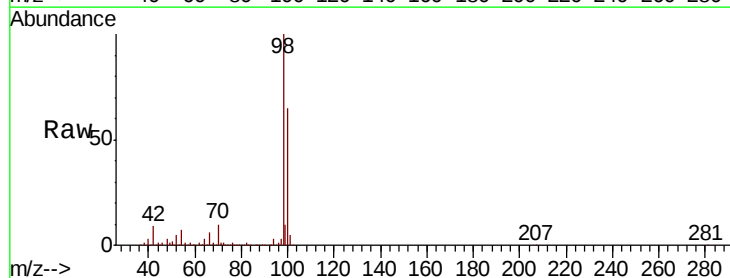
Instrument :
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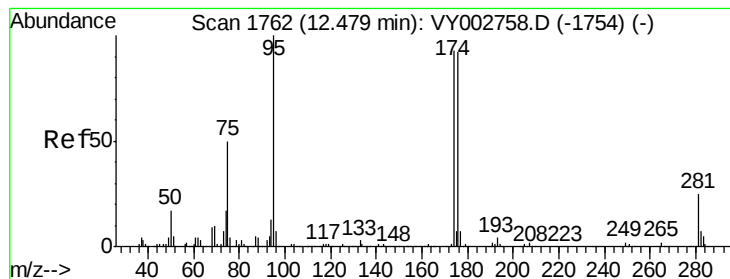
Tot Ion: 98 Resp: 444950
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.022 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.11 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
58 178.4 34.2 51.2#





#62

4-Bromofluorobenzene

Concen: 51.057 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002906.D

Acq: 16 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

MW-22(16.5-18.5)

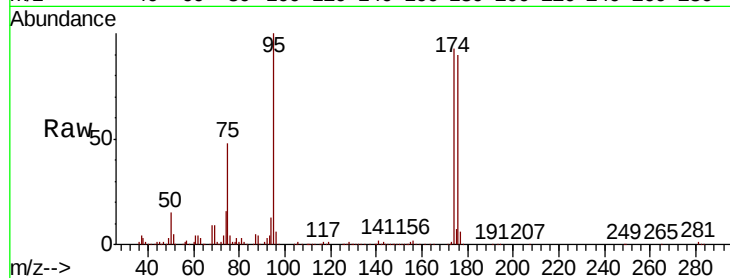
Tot Ion: 95 Resp: 153054

Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.2

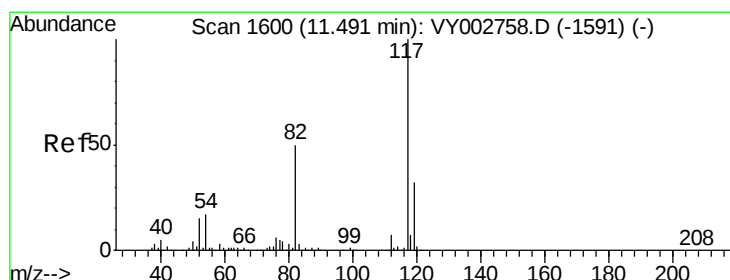
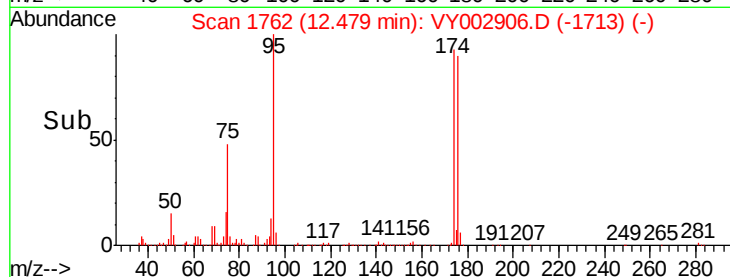
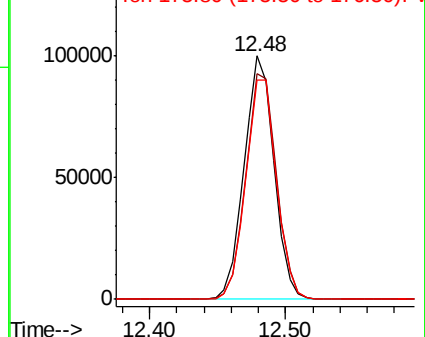
176 93.3 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002906.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002906.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002906.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002906.D

Acq: 16 Jun 2020 13:46

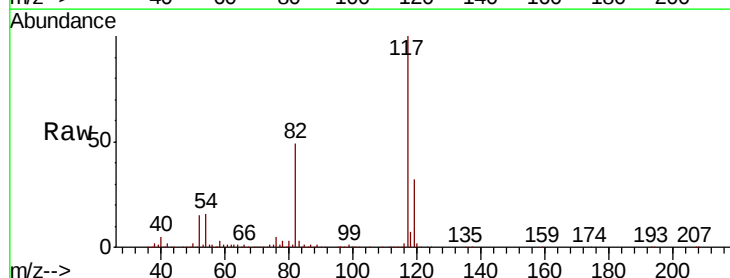
Tgt Ion: 117 Resp: 356387

Ion Ratio Lower Upper

117 100

82 48.9 40.2 60.4

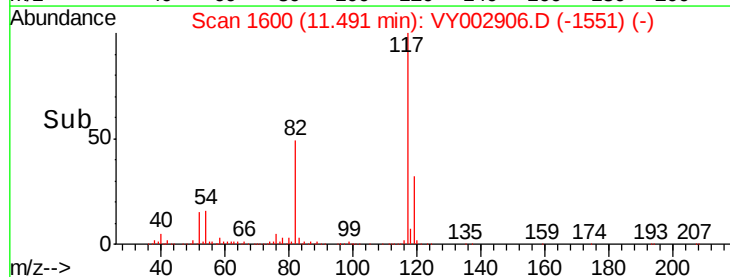
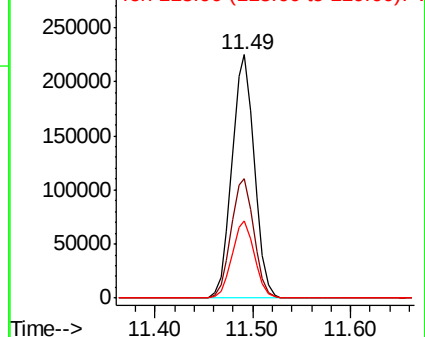
119 32.0 25.8 38.8

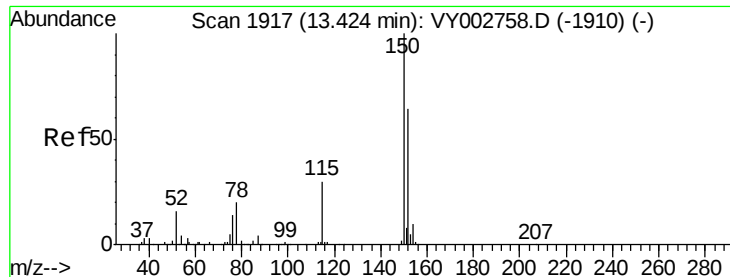


Abundance Ion 116.90 (116.60 to 117.60): VY002906.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002906.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002906.D (-1551) (-)



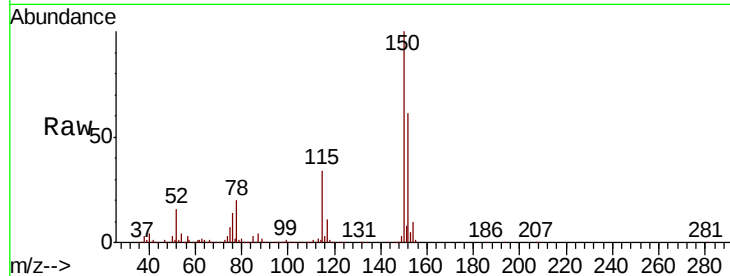


#72

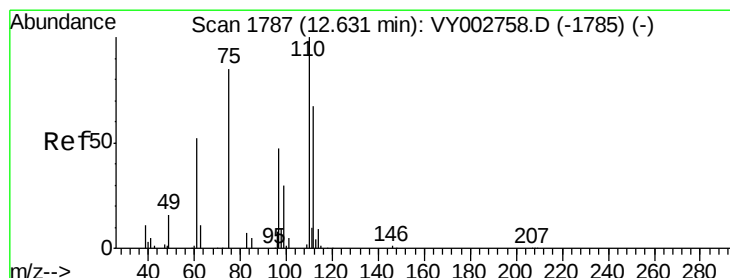
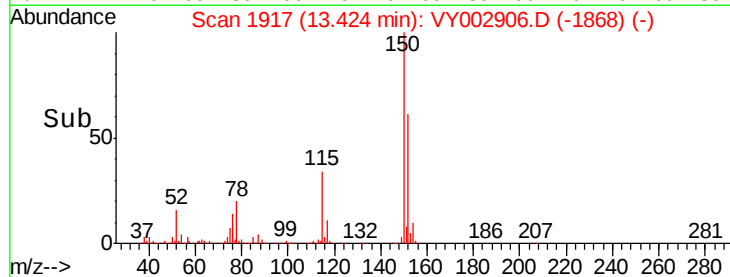
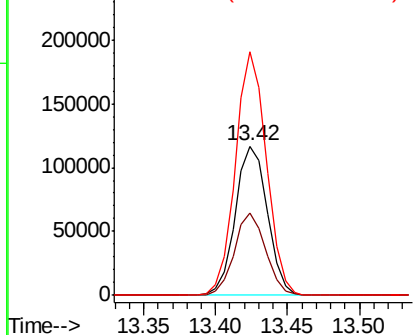
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

Instrument :
MSVOA_Y
ClientSampleId :
MW-22(16.5-18.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.0	81.0
150	158.0	0.0	344.8



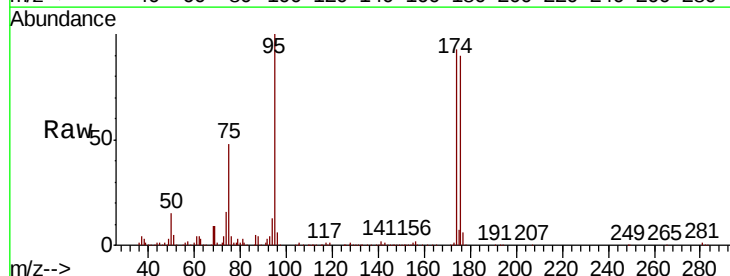
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



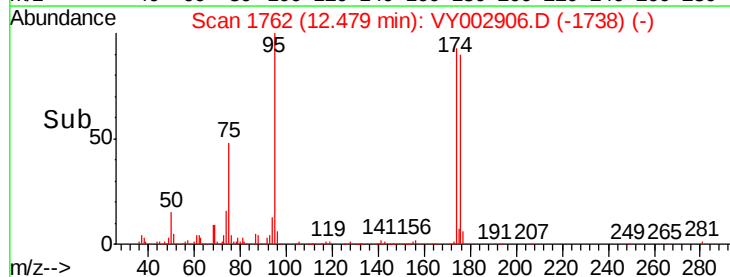
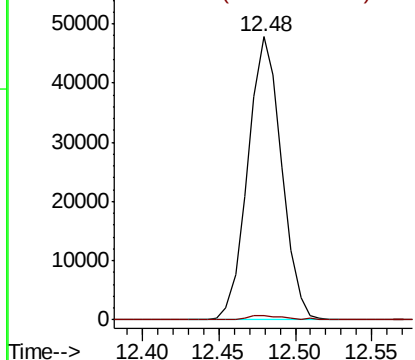
#76

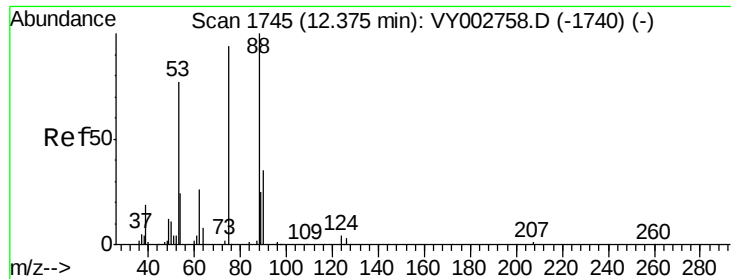
1,2,3-Trichloropropane
Concen: 45.099 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	2.4	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 84.967 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002906.D

Acq: 16 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

MW-22(16.5-18.5)

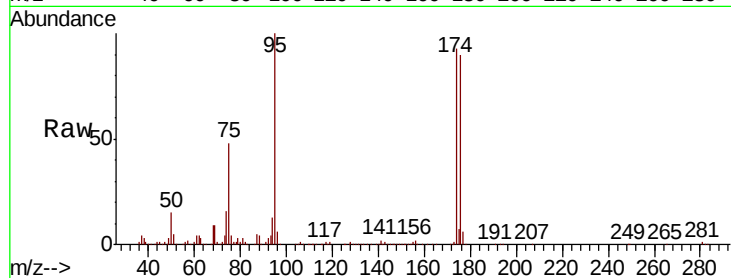
Tot Ion: 75 Resp: 73396

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.1 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

