

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002907.D
 Acq On : 16 Jun 2020 14:10
 Operator : SY/MD
 Sample : L3020-02
 Misc : 7.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-23(19-21)

Quant Time: Jun 17 01:46:56 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

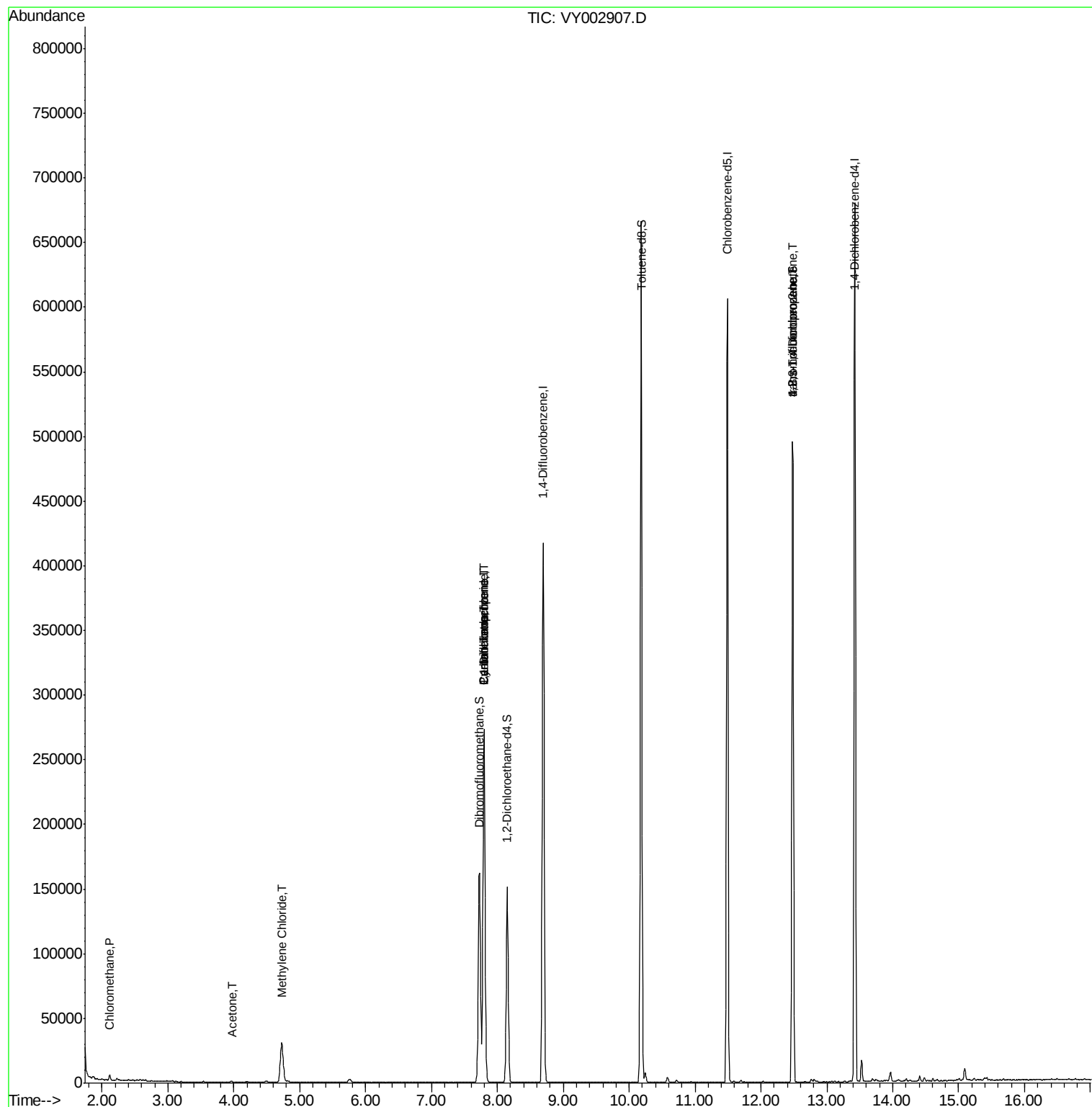
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	232582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	377097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	357802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	115155	57.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.04%	
35) Dibromofluoromethane	7.73	113	117200	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
50) Toluene-d8	10.18	98	446773	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.48	95	150164	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
Target Compounds						
3) Chloromethane	2.12	50	4021	2.272	ug/l	99
11) Tert butyl alcohol	4.96	59	150	Below Cal	#	74
16) Acetone	3.97	43	1428	3.016	ug/l #	75
20) Methylene Chloride	4.72	84	26317	11.372	ug/l	94
31) Cyclohexane	7.79	56	3453	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	13438	4.230	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20624	5.844	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	73095	44.836	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	73095	84.471	ug/l #	17

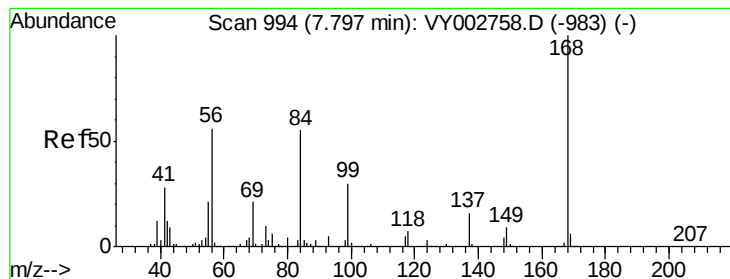
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
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Quant Time: Jun 17 01:46:56 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: VY002907.D

Acq: 16 Jun 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

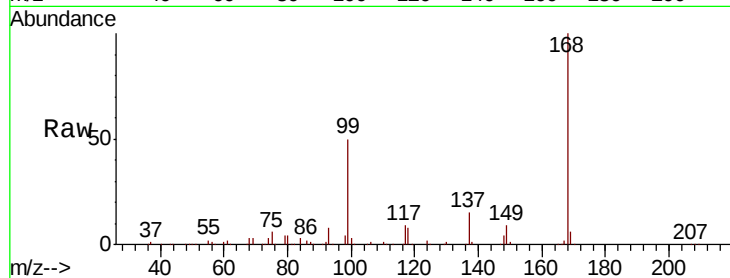
MW-23(19-21)

Tot Ion:168 Resp: 232582

Ion Ratio Lower Upper

168 100

99 49.5 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

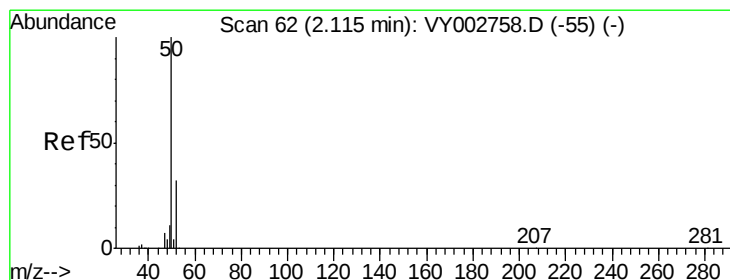
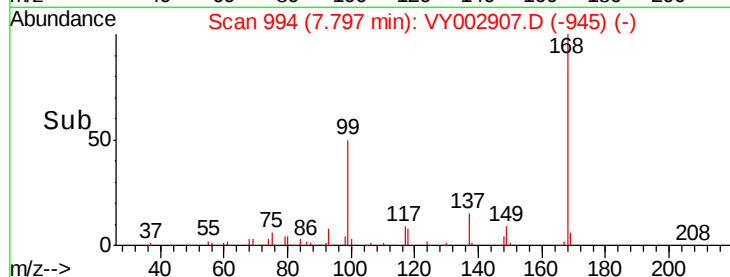
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 2.272 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002907.D

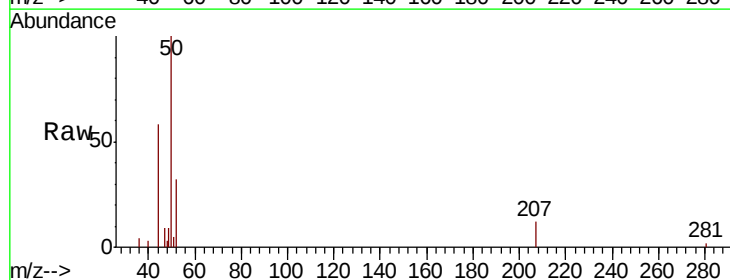
Acq: 16 Jun 2020 14:10

Tgt Ion: 50 Resp: 4021

Ion Ratio Lower Upper

50 100

52 31.7 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

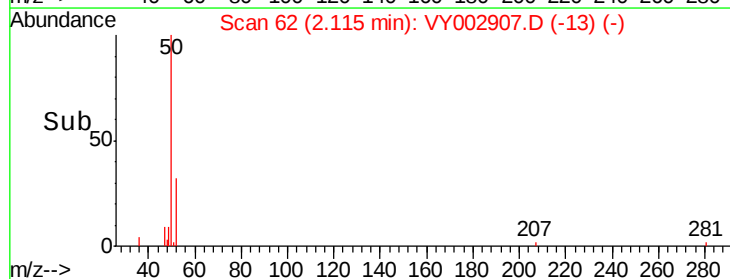
3000

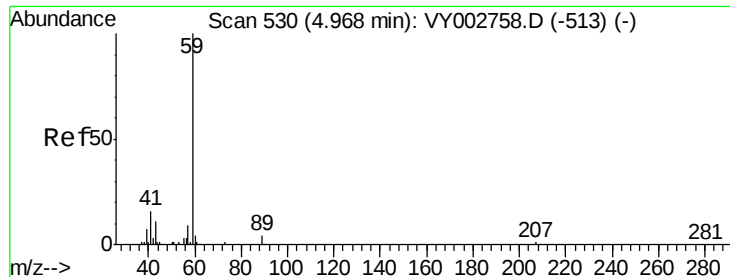
2000

1000

0

Time-->



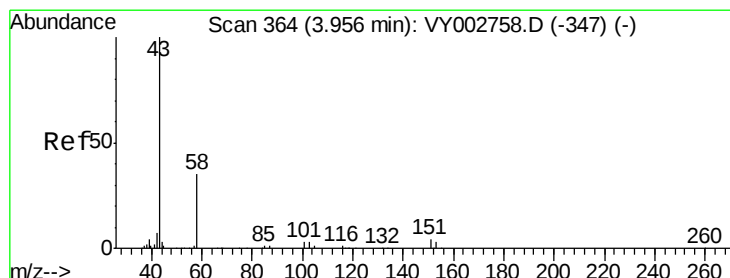
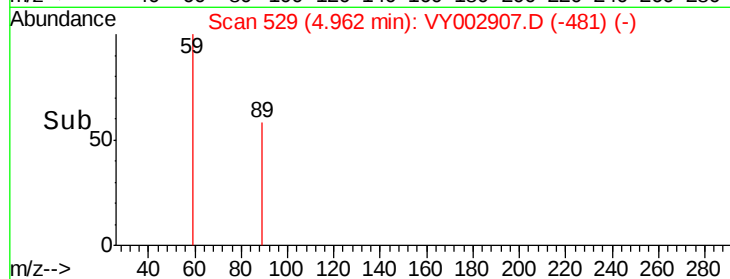
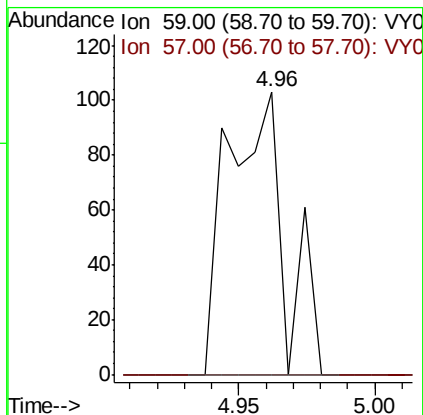
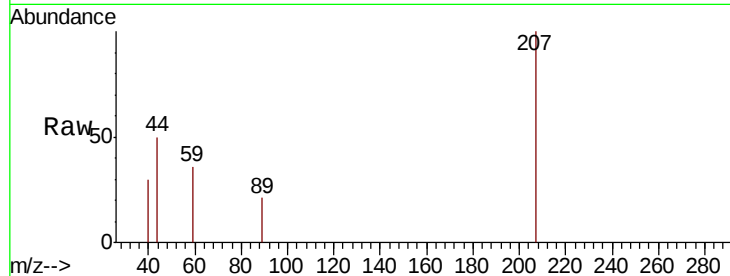


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002907.D
 Acq: 16 Jun 2020 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-23(19-21)

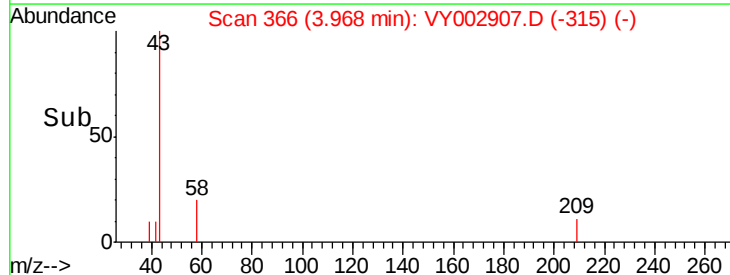
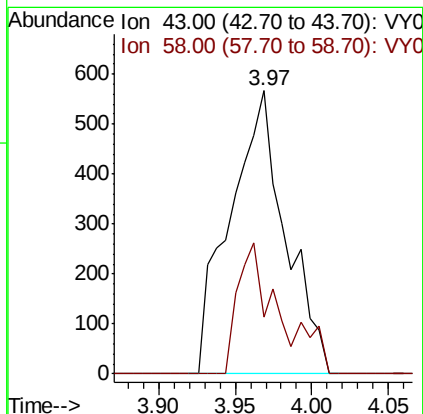
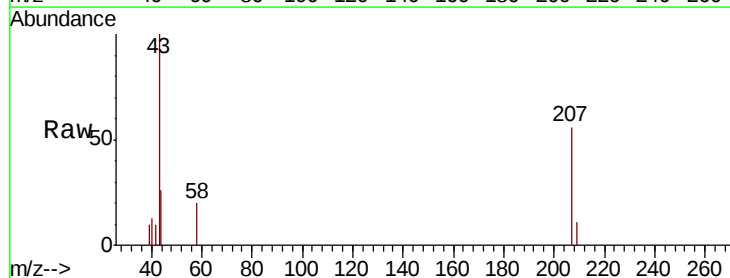
Tot Ion: 59 Resp: 150
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

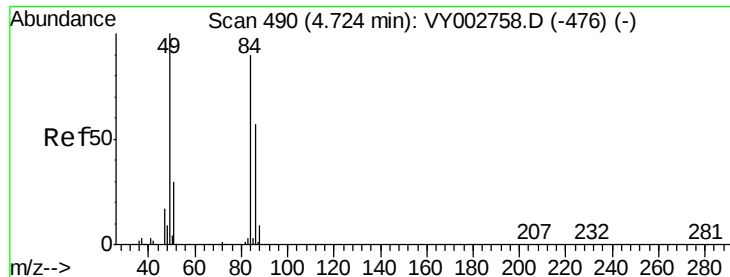


#16

Acetone
 Concen: 3.016 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VY002907.D
 Acq: 16 Jun 2020 14:10

Tgt Ion: 43 Resp: 1428
 Ion Ratio Lower Upper
 43 100
 58 19.9 27.7 41.5#

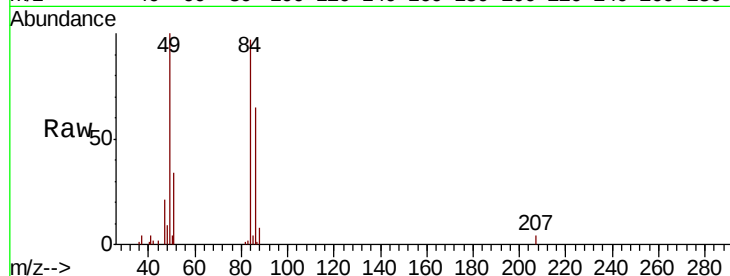




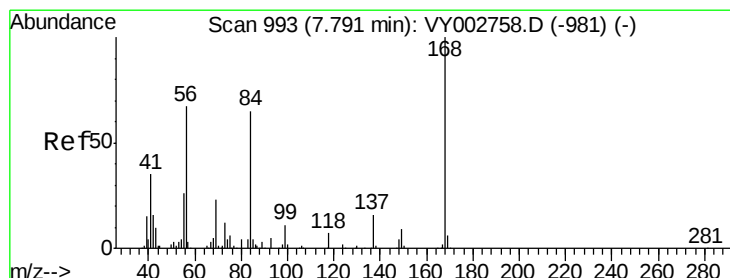
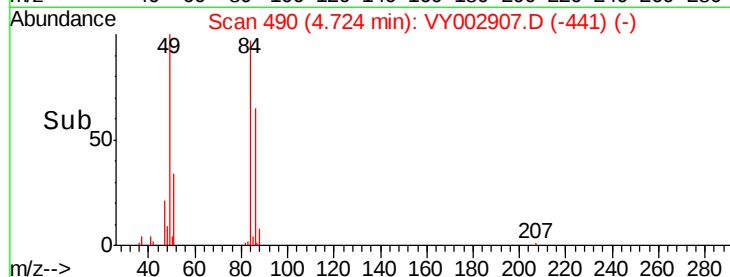
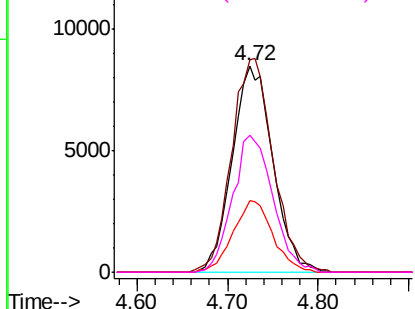
#20
Methylene Chloride
Concen: 11.372 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002907.D
Acq: 16 Jun 2020 14:10

Instrument :
MSVOA_Y
ClientSampled :
MW-23(19-21)

Tot Ion:	84	Resp:	26317
Ion	Ratio	Lower	Upper
84	100		
49	102.6	88.5	132.7
51	34.6	26.8	40.2
86	66.4	50.6	75.8

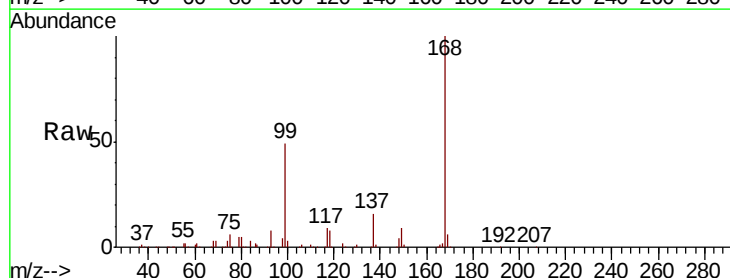


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

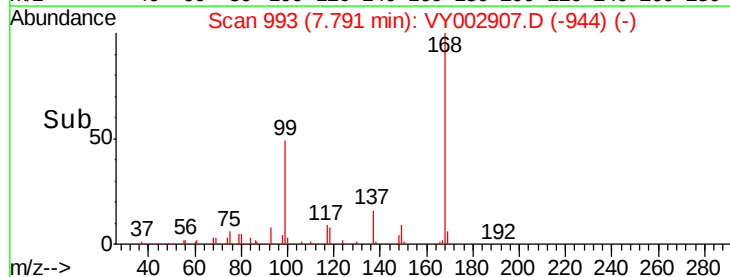
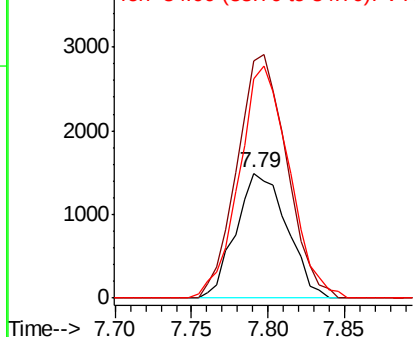


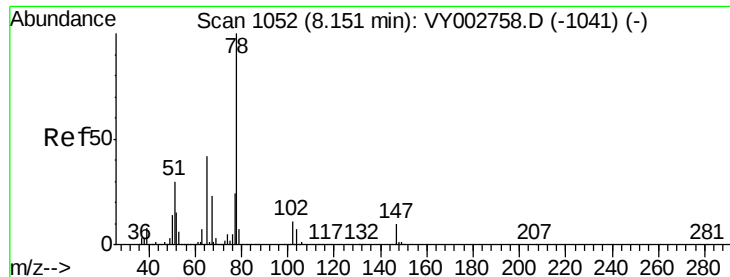
#31
Cyclohexane
Concen: 1.008 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002907.D
Acq: 16 Jun 2020 14:10

Tgt Ion:	56	Resp:	3453
Ion	Ratio	Lower	Upper
56	100		
69	190.7	28.0	42.0#
84	176.3	77.7	116.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

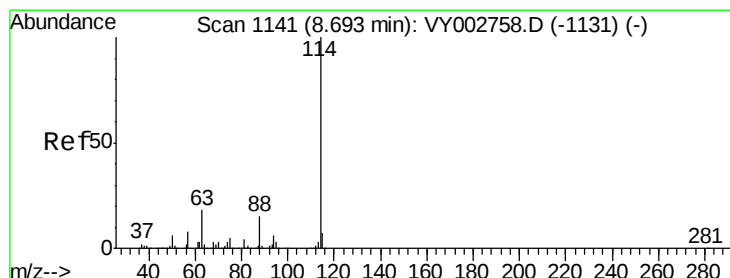
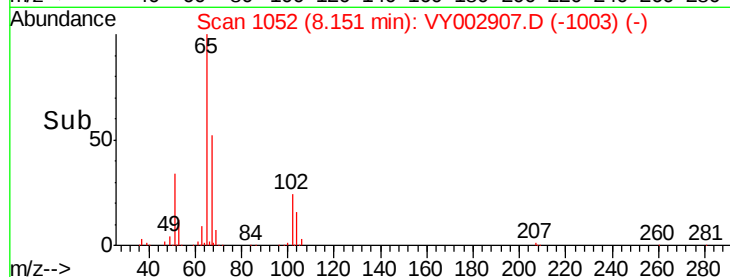
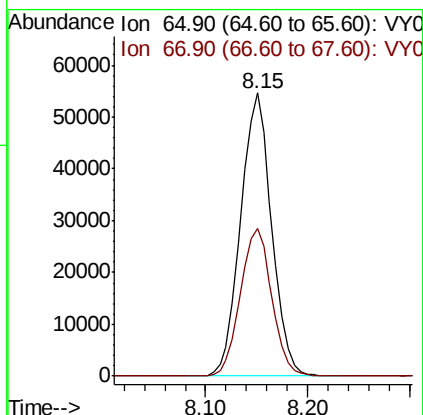
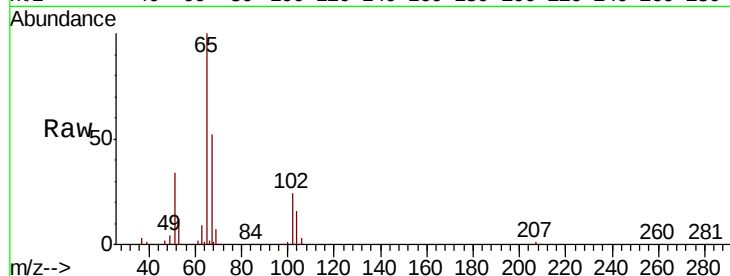




#33
 1,2-Dichloroethane-d4
 Concen: 57.023 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002907.D
 Acq: 16 Jun 2020 14:10

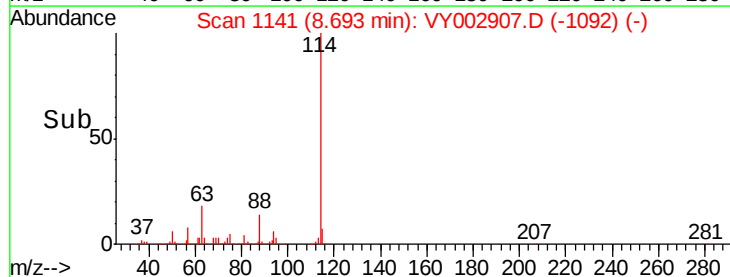
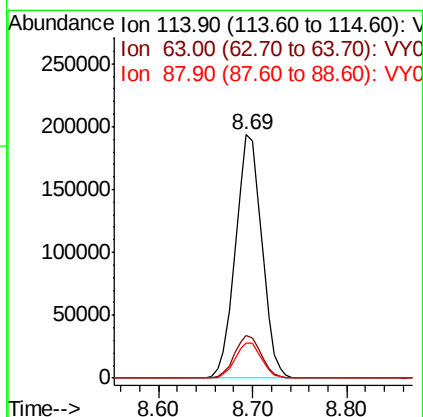
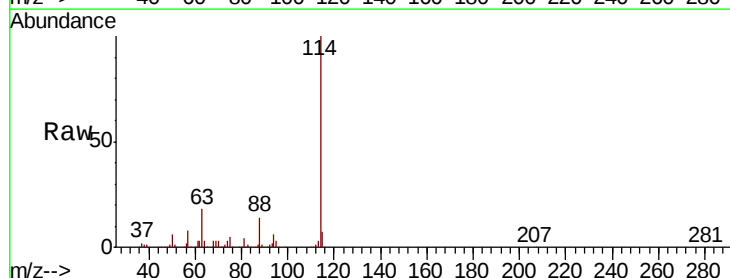
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-23(19-21)

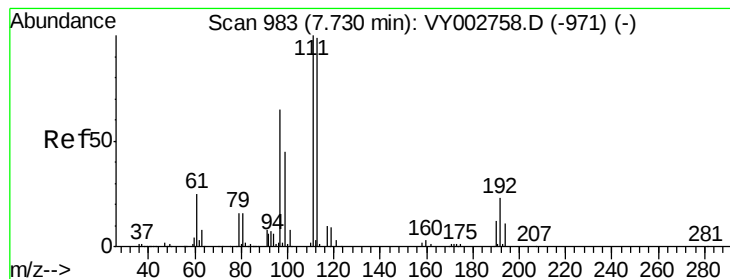
Tot Ion: 65 Resp: 115155
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002907.D
 Acq: 16 Jun 2020 14:10

Tgt Ion: 114 Resp: 377097
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.2
 88 14.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.032 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY002907.D

Acq: 16 Jun 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

MW-23(19-21)

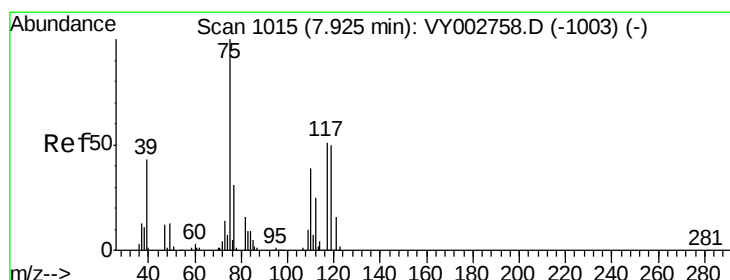
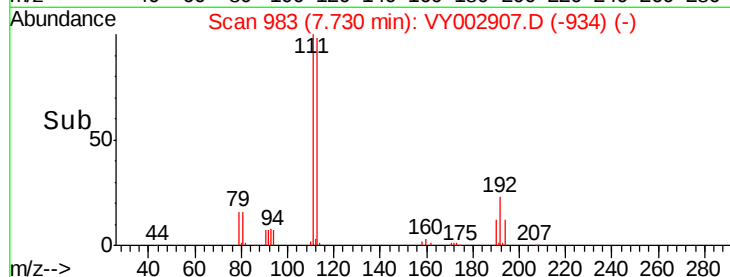
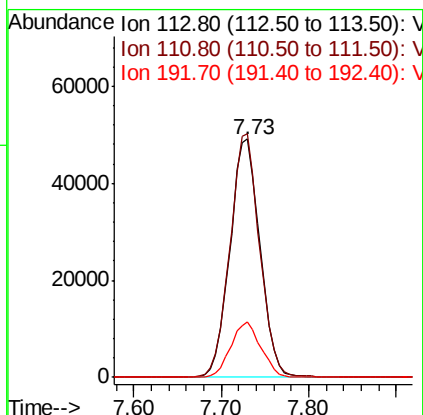
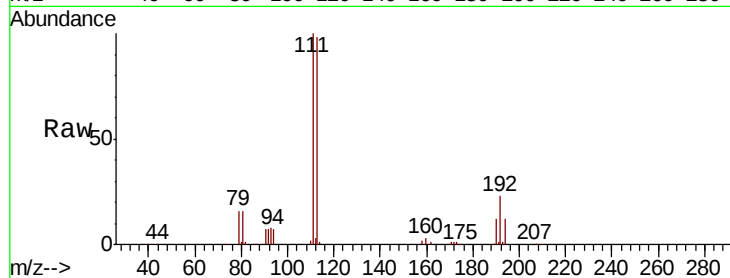
Tot Ion:113 Resp: 117200

Ion Ratio Lower Upper

113 100

111 101.0 82.0 123.0

192 23.3 18.9 28.3



#36

1,1-Dichloropropene

Concen: 4.230 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002907.D

Acq: 16 Jun 2020 14:10

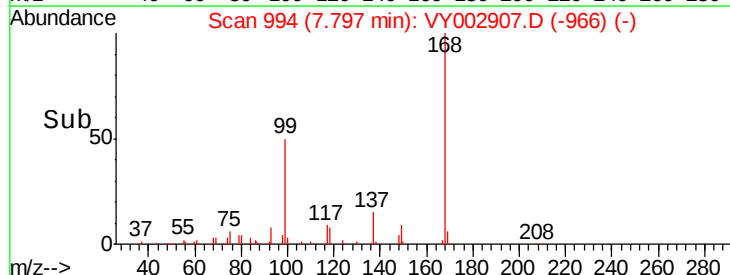
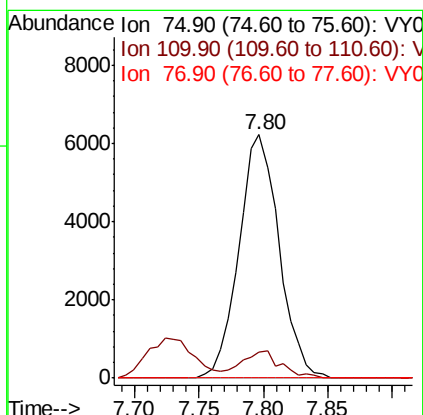
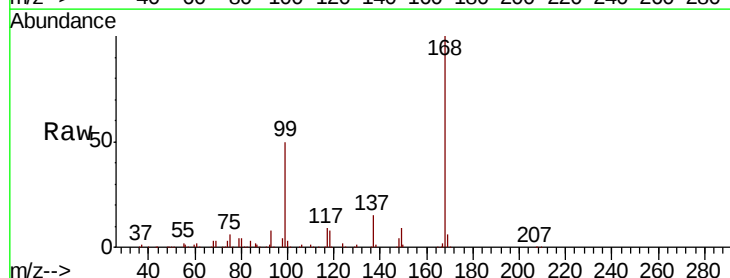
Tgt Ion: 75 Resp: 13438

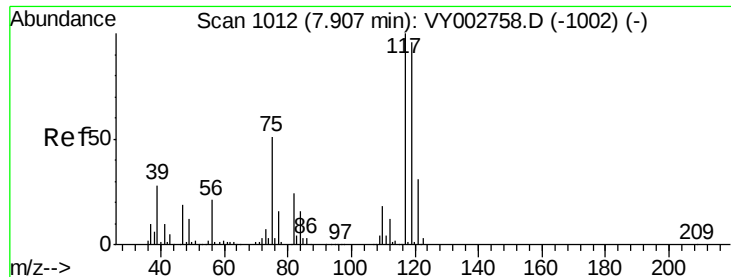
Ion Ratio Lower Upper

75 100

110 11.1 19.3 57.9#

77 0.0 24.8 37.2#

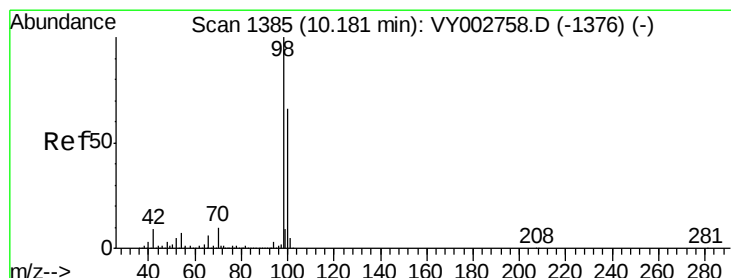
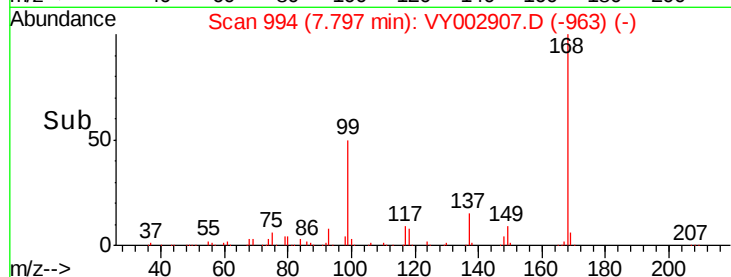
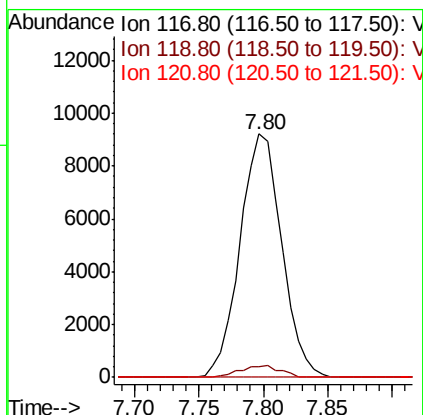
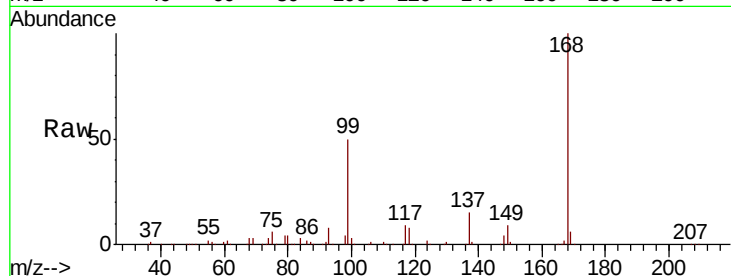




#38
Carbon Tetrachloride
Concen: 5.844 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002907.D
Acq: 16 Jun 2020 14:10

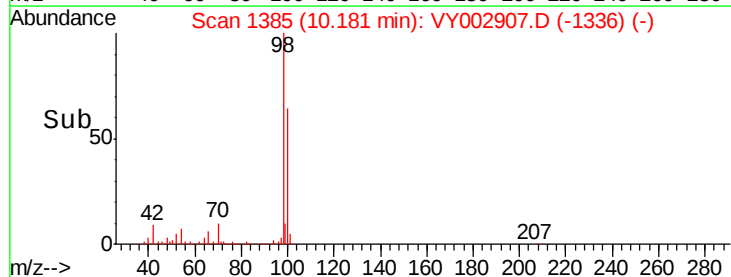
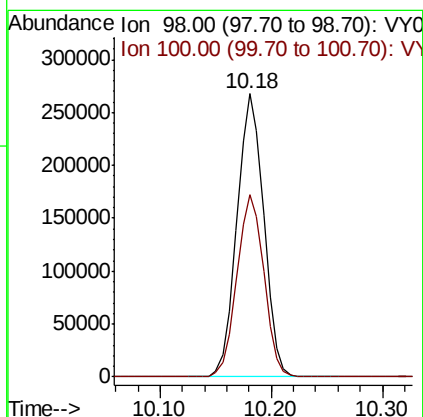
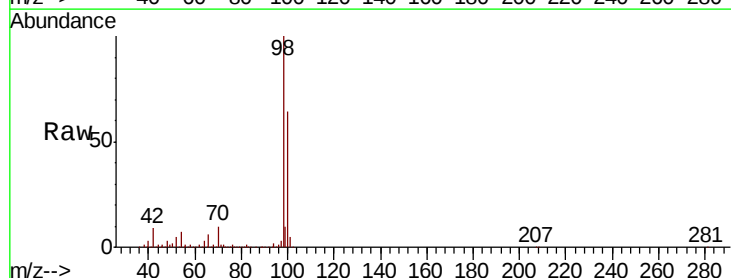
Instrument :
MSVOA_Y
ClientSampleId :
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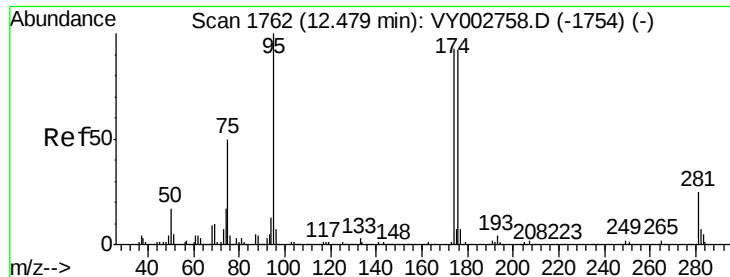
Tot Ion:117 Resp: 20624
Ion Ratio Lower Upper
117 100
119 4.3 76.8 115.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.000 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002907.D
Acq: 16 Jun 2020 14:10

Tgt Ion: 98 Resp: 446773
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

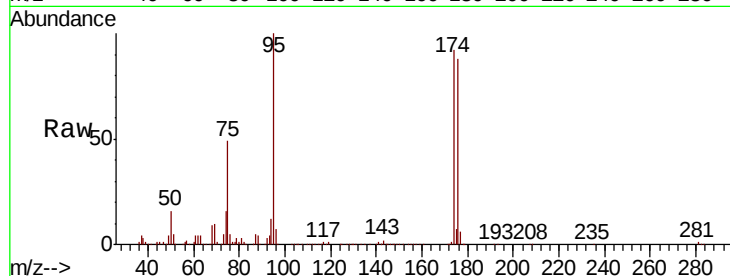




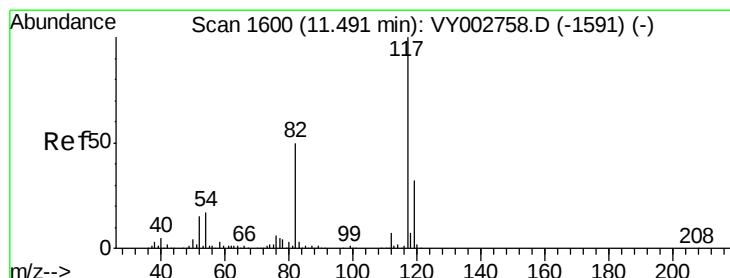
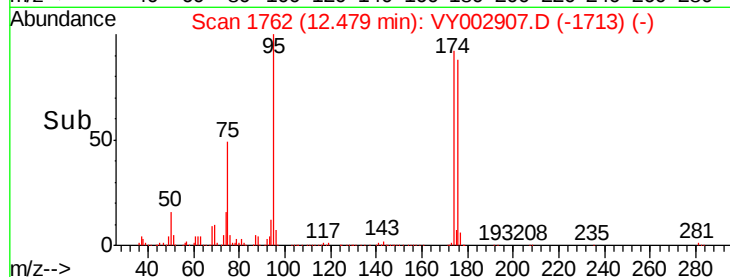
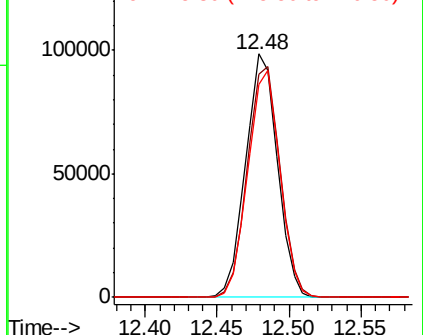
#62
4-Bromofluorobenzene
Concen: 49.174 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002907.D
Acq: 16 Jun 2020 14:10

Instrument :
MSVOA_Y
ClientSampleId :
MW-23(19-21)

Tot Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	191.2
176	94.2	0.0	188.8

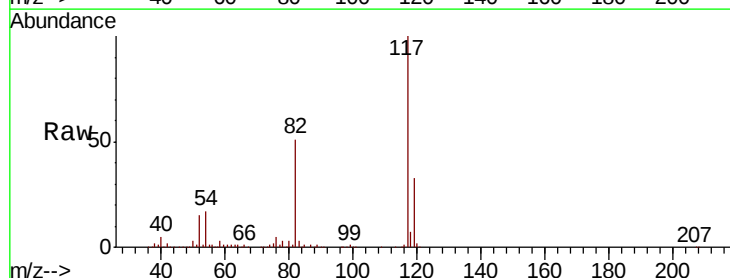


Abundance Ion 94.90 (94.60 to 95.60): VY002907.D (-1754) (-)
Ion 173.80 (173.50 to 174.50): VY002907.D (-1754) (-)
Ion 175.80 (175.50 to 176.50): VY002907.D (-1754) (-)

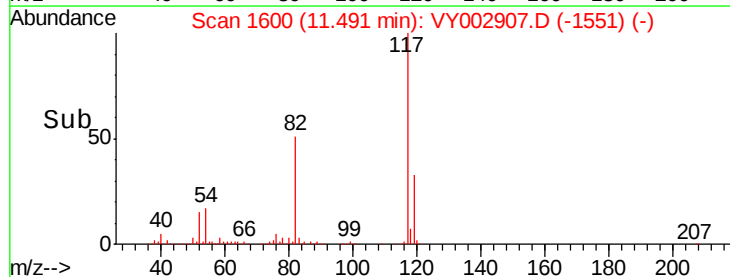
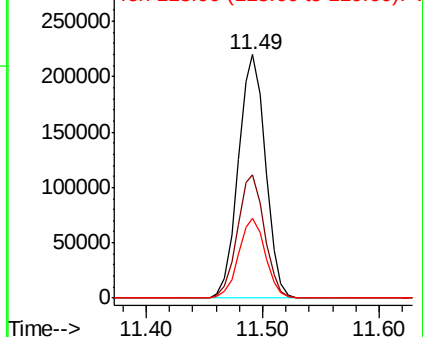


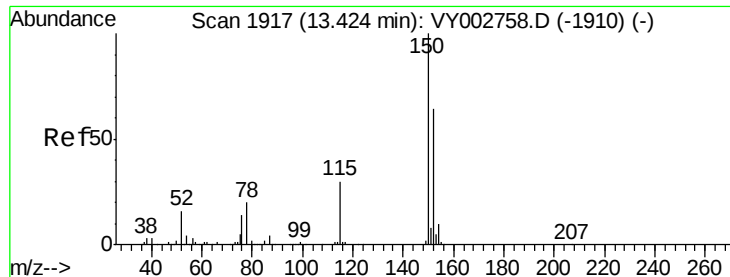
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002907.D
Acq: 16 Jun 2020 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.2	60.4
119	32.6	25.8	38.8



Abundance Ion 116.90 (116.60 to 117.60): VY002907.D (-1551) (-)
Ion 82.00 (81.70 to 82.70): VY002907.D (-1551) (-)
Ion 118.90 (118.60 to 119.60): VY002907.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: VY002907.D

Acq: 16 Jun 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

MW-23(19-21)

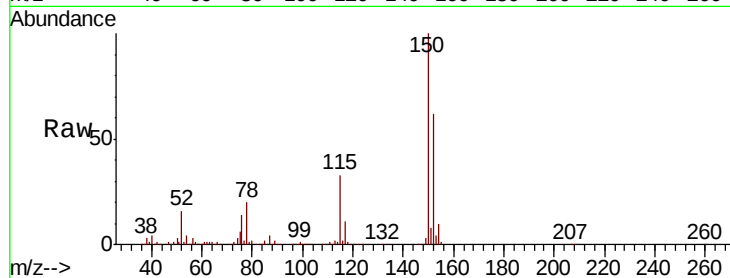
Tot Ion:152 Resp: 180927

Ion Ratio Lower Upper

152 100

115 53.9 27.0 81.0

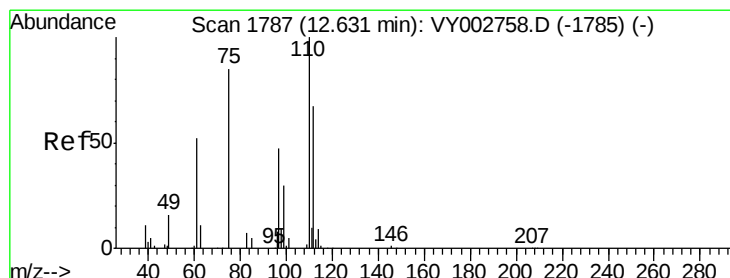
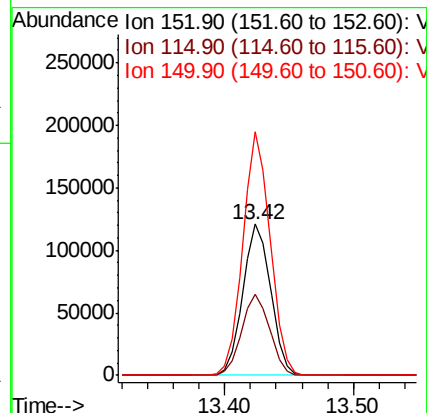
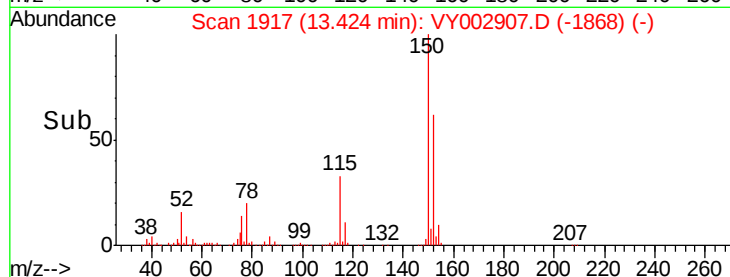
150 157.2 0.0 344.8



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: 44.836 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002907.D

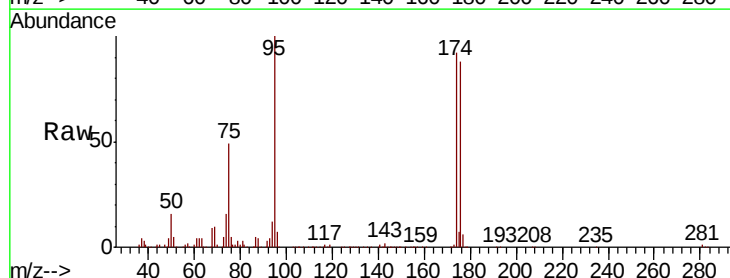
Acq: 16 Jun 2020 14:10

Tgt Ion: 75 Resp: 73095

Ion Ratio Lower Upper

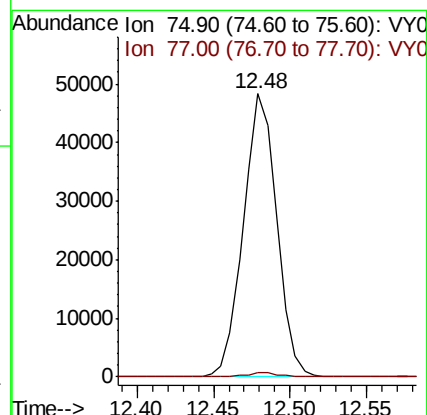
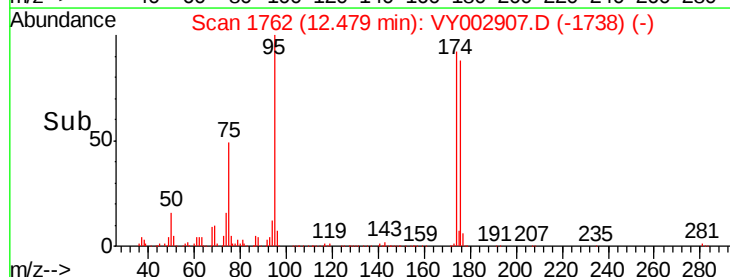
75 100

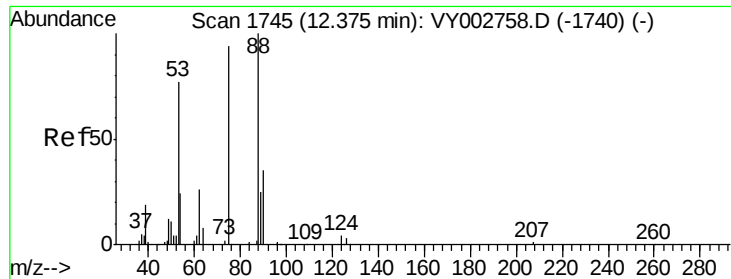
77 1.5 0.0 0.0#



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: 84.471 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002907.D

Acq: 16 Jun 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

MW-23(19-21)

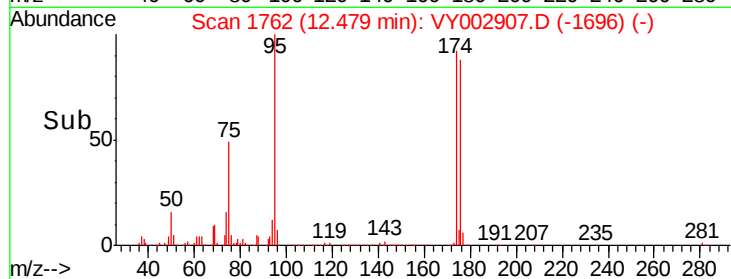
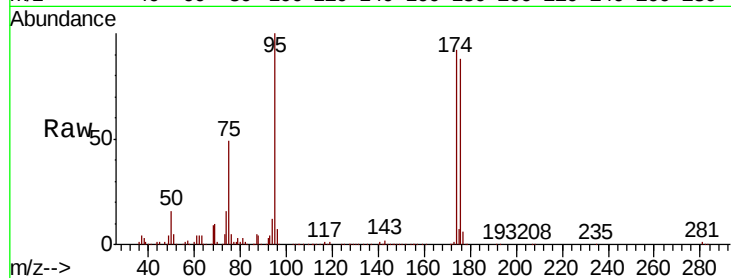
Tot Ion: 75 Resp: 73095

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

