

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001276.D
 Acq On : 17 Jan 2020 19:24
 Operator : SY/MD
 Sample : L1171-01
 Misc : 6.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1A-20.0

Quant Time: Jan 18 03:26:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	211547	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.72	114	391514	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	358382	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	172669	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	128587	57.55	ug/l	0.03
Spiked Amount	50.000		Recovery	=	115.10%	
35) Dibromofluoromethane	7.75	113	116565	50.85	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.21	98	461591	52.26	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.50	95	181751	50.33	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.66%	

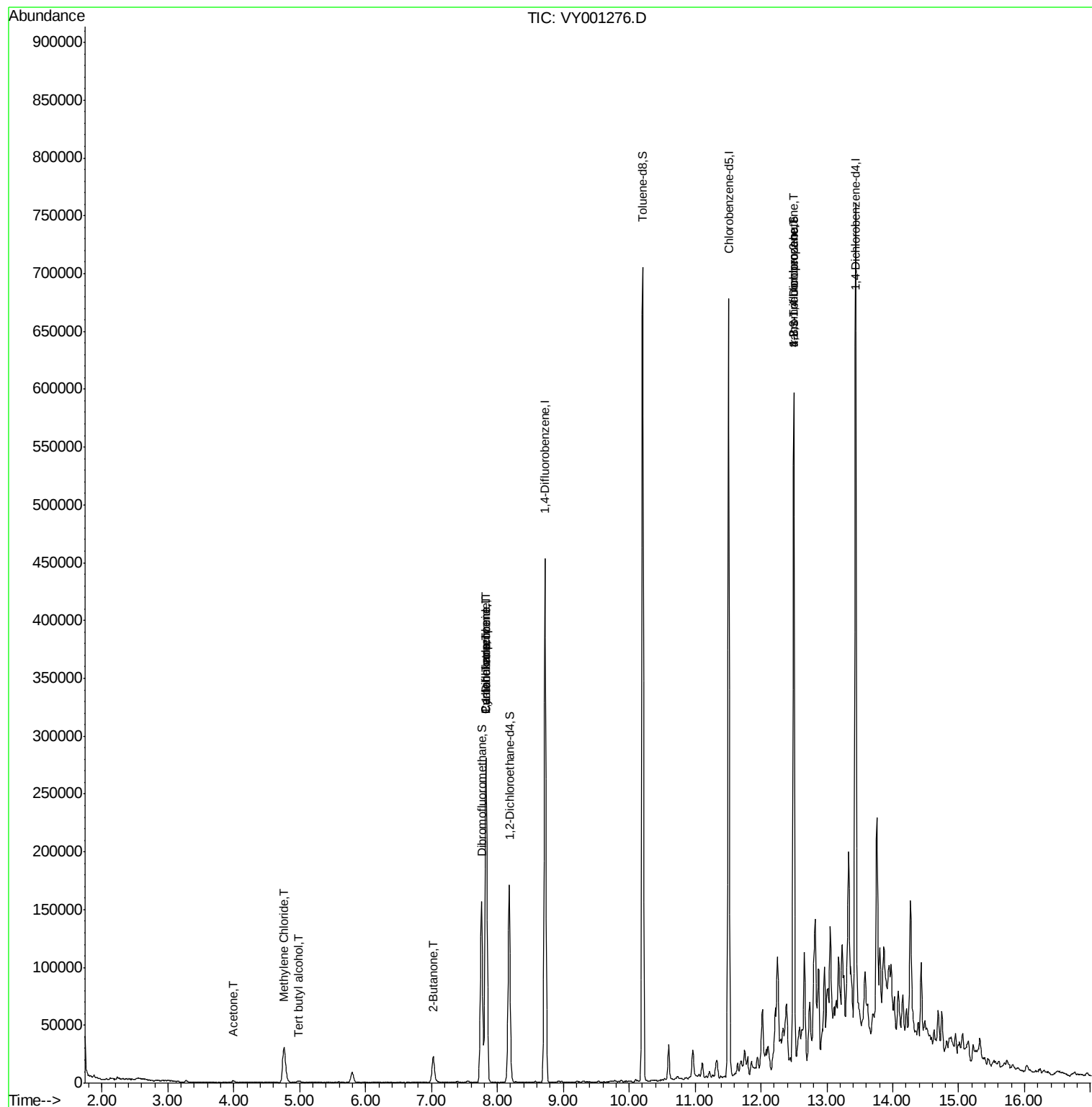
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	791	3.52	ug/l #	73
16) Acetone	3.99	43	3223	6.21	ug/l #	87
20) Methylene Chloride	4.76	84	23668	4.79	ug/l	98
25) 2-Butanone	7.04	43	1987	2.46	ug/l #	70
31) Cyclohexane	7.83	56	4708	1.09	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	17153	4.81	ug/l #	48
38) Carbon Tetrachloride	7.83	117	20943	6.40	ug/l #	15
76) 1,2,3-Trichloropropane	12.50	75	89218	48.27	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	89218	81.85	ug/l #	7

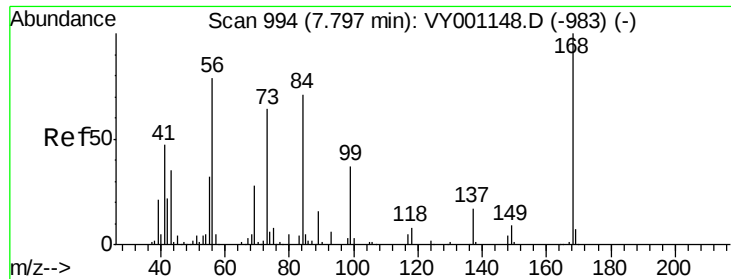
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.03 min

Lab File: VY001276.D

Acq: 17 Jan 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

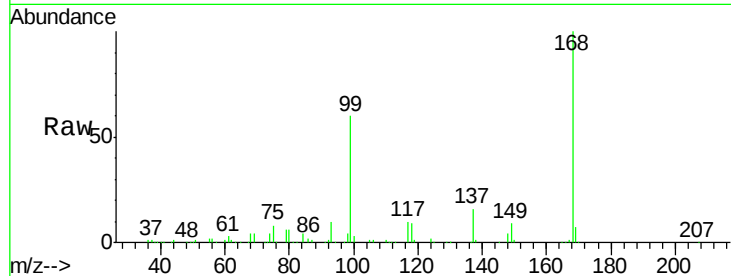
BW-1A-20.0

Tgt Ion:168 Resp: 211547

Ion Ratio Lower Upper

168 100

99 60.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.83

100000

80000

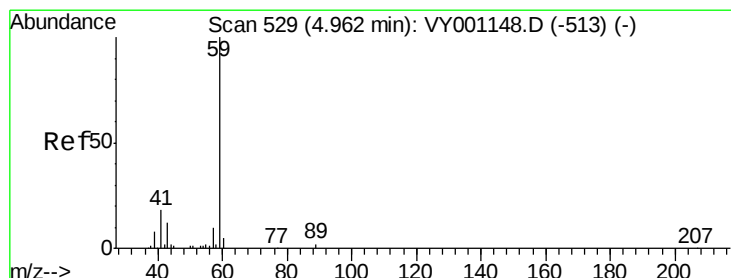
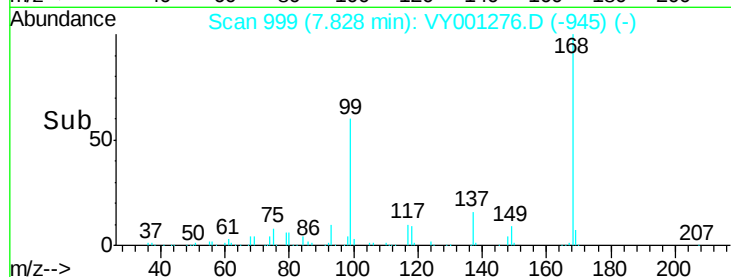
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 3.52 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY001276.D

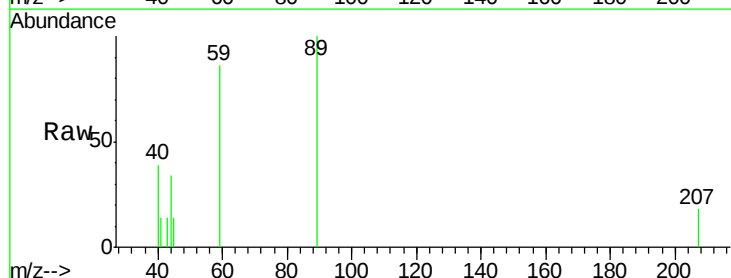
Acq: 17 Jan 2020 19:24

Tgt Ion: 59 Resp: 791

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001148.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY001148.D (-513) (-)

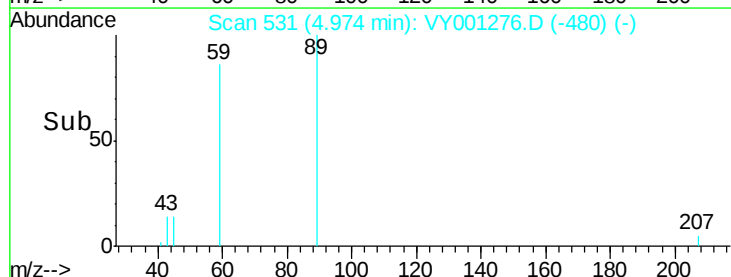
600

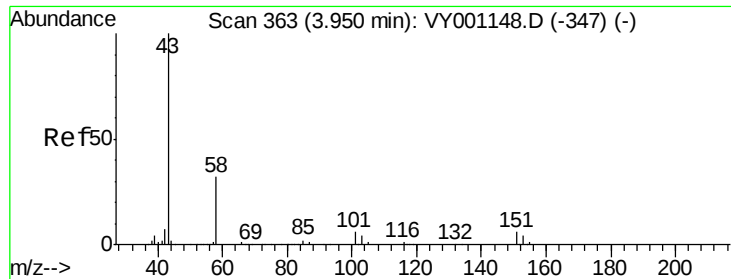
400

200

0

Time--> 4.90 4.95 5.00





#16

Acetone

Concen: 6.21 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.04 min

Lab File: VY001276.D

Acq: 17 Jan 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

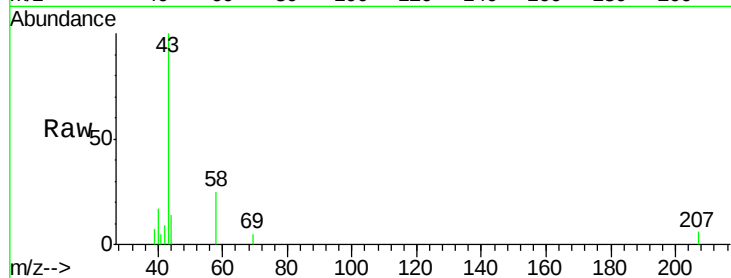
BW-1A-20.0

Tgt Ion: 43 Resp: 3223

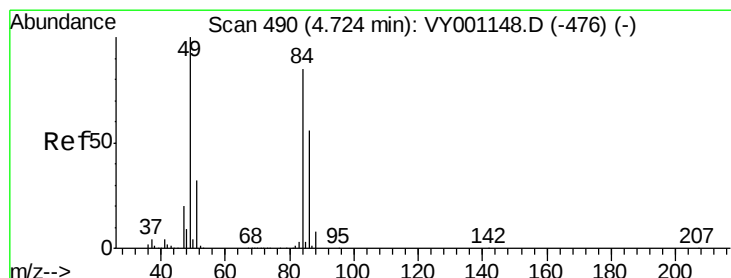
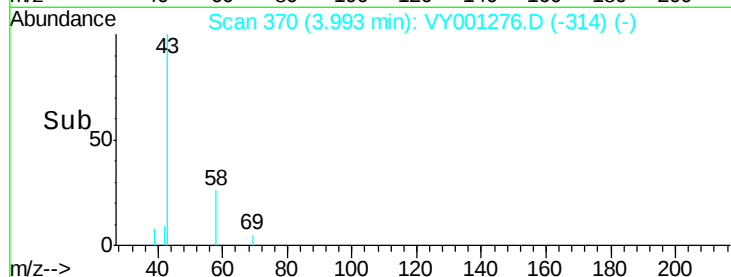
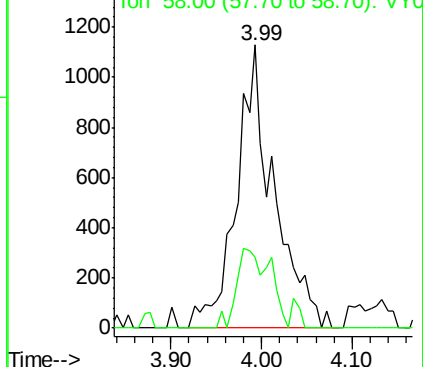
Ion Ratio Lower Upper

43 100

58 24.9 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)



#20

Methylene Chloride

Concen: 4.79 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.04 min

Lab File: VY001276.D

Acq: 17 Jan 2020 19:24

Tgt Ion: 84 Resp: 23668

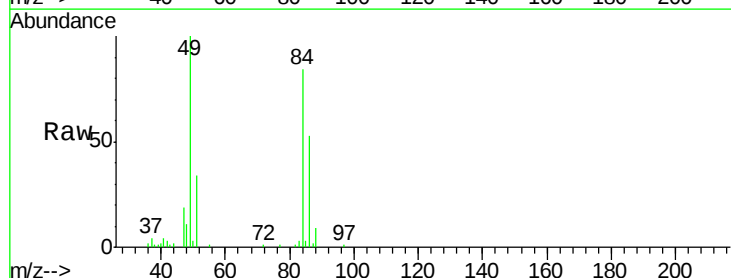
Ion Ratio Lower Upper

84 100

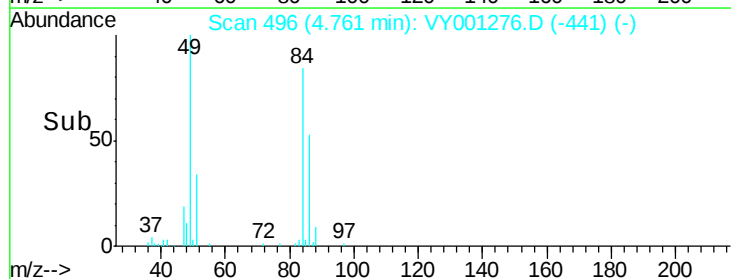
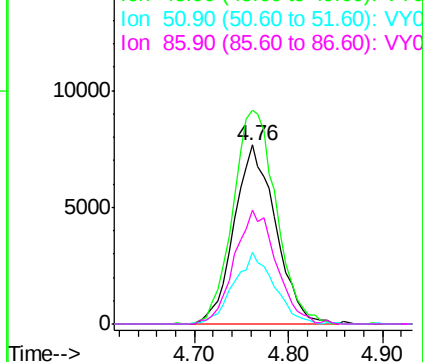
49 119.3 93.8 140.6

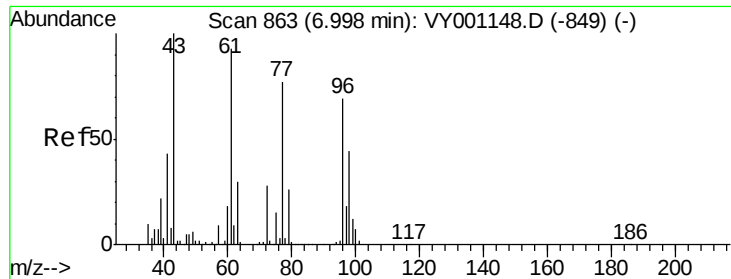
51 40.0 29.9 44.9

86 63.8 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VY001148.D (-476) (-)

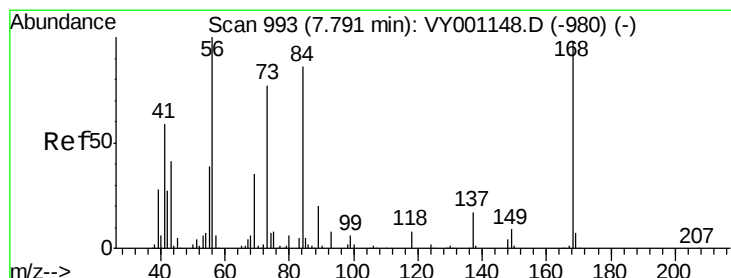
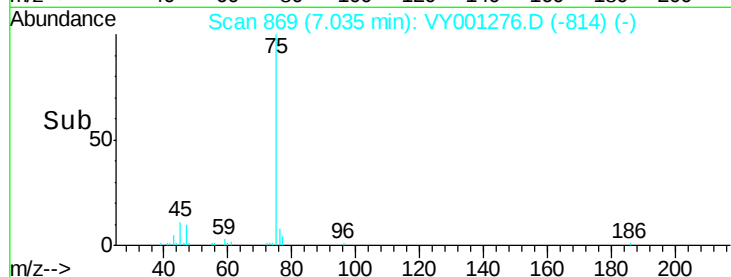
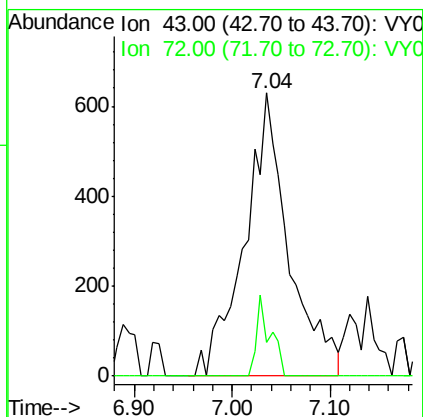
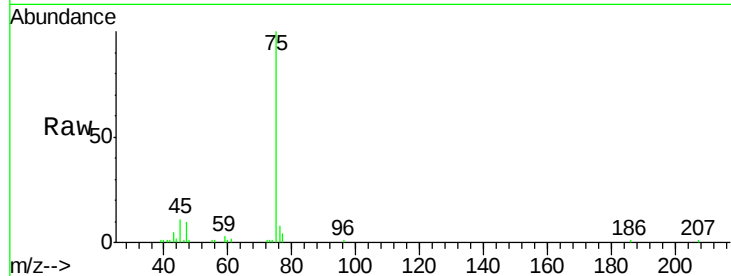




#25
2-Butanone
Concen: 2.46 ug/l
RT: 7.04 min Scan# 869
Delta R.T. 0.04 min
Lab File: VY001276.D
Acq: 17 Jan 2020 19:24

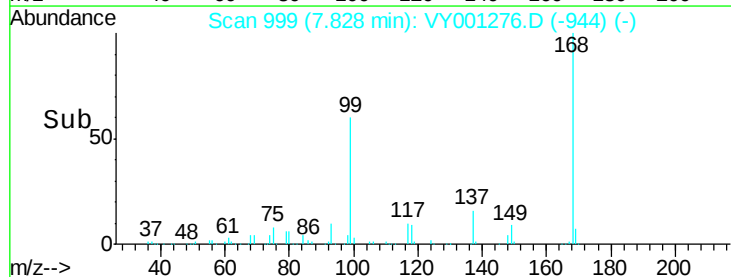
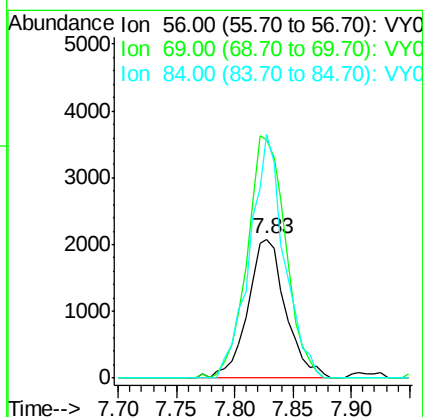
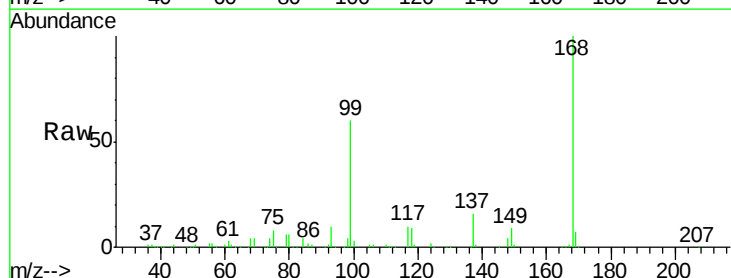
Instrument :
MSVOA_Y
ClientSampleId :
BW-1A-20.0

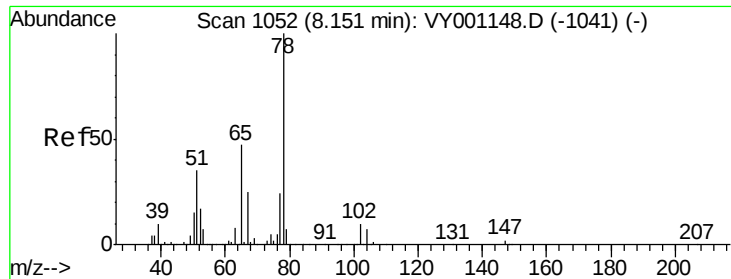
Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
72 12.1 22.2 33.2#



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.83 min Scan# 999
Delta R.T. 0.04 min
Lab File: VY001276.D
Acq: 17 Jan 2020 19:24

Tgt Ion: 56 Resp: 4708
Ion Ratio Lower Upper
56 100
69 171.3 27.8 41.8#
84 175.1 68.9 103.3#

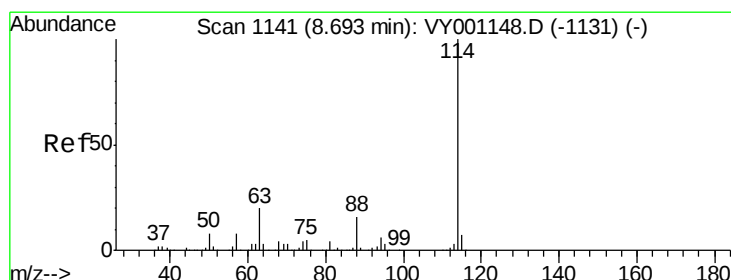
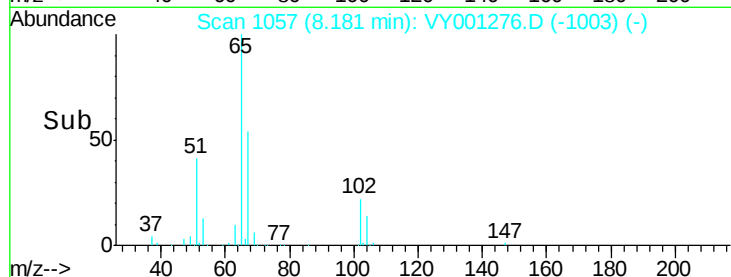
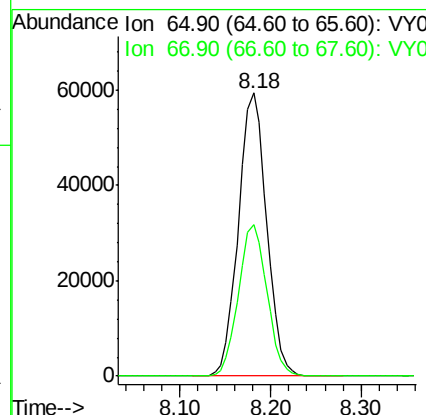
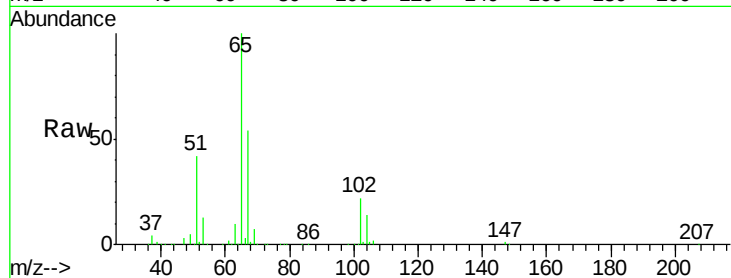




#33
 1,2-Dichloroethane-d4
 Concen: 57.55 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.03 min
 Lab File: VY001276.D
 Acq: 17 Jan 2020 19:24

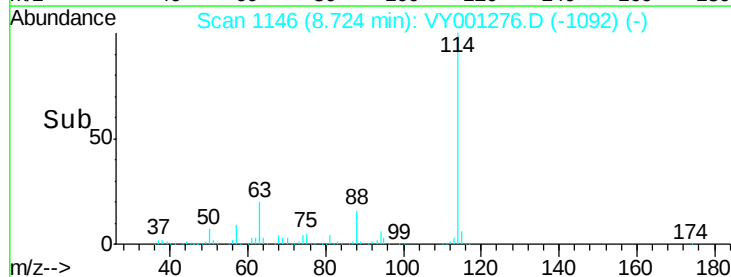
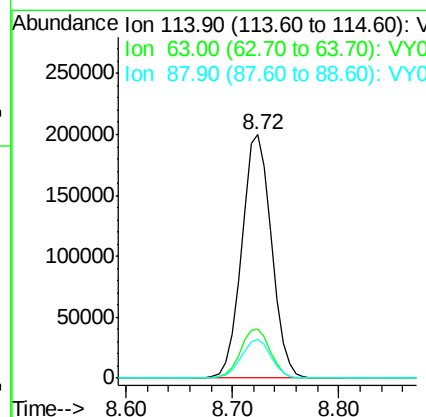
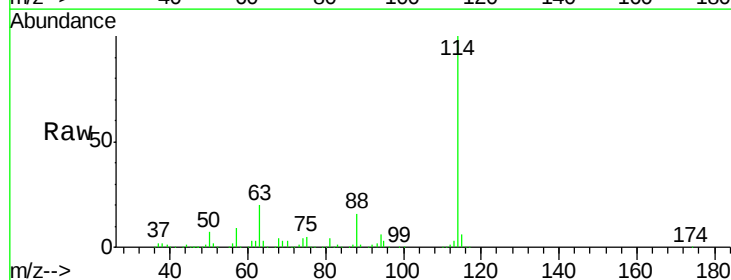
Instrument :
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 ClientSampleId :
 BW-1A-20.0

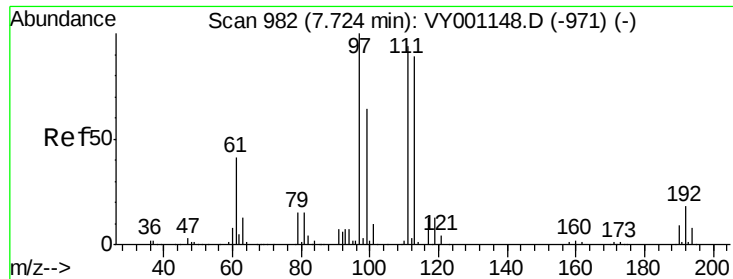
Tgt Ion: 65 Resp: 128587
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.03 min
 Lab File: VY001276.D
 Acq: 17 Jan 2020 19:24

Tgt Ion: 114 Resp: 391514
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.1 0.0 32.4

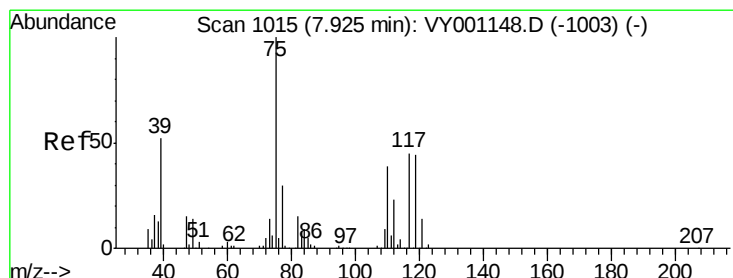
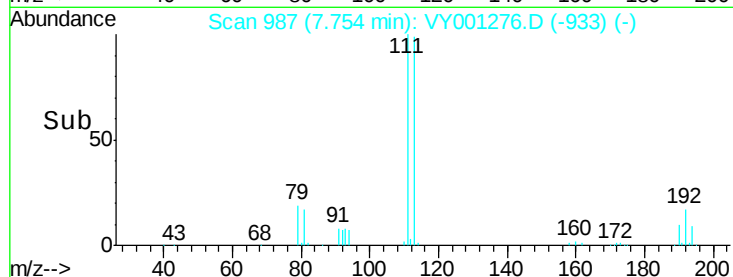
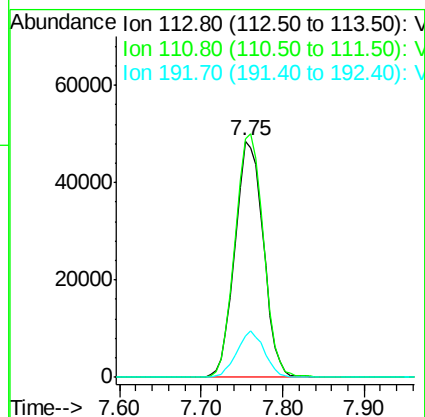
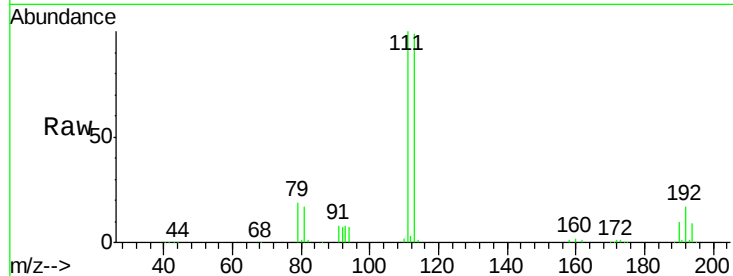




#35
Dibromofluoromethane
Concen: 50.85 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.03 min
Lab File: VY001276.D
Acq: 17 Jan 2020 19:24

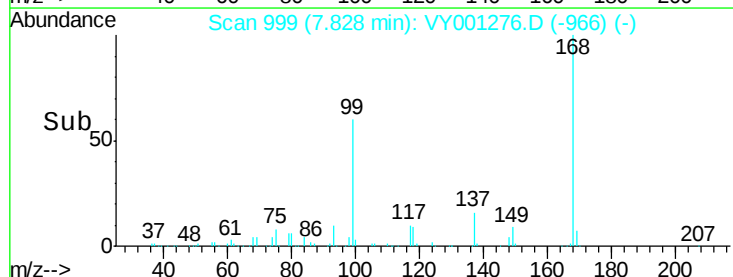
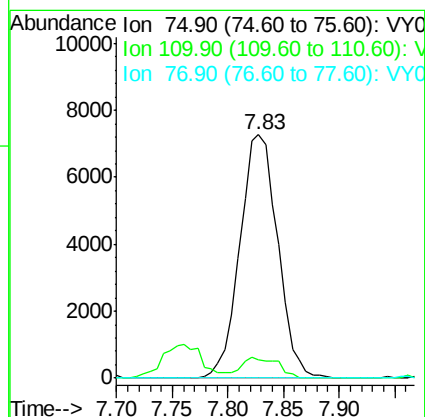
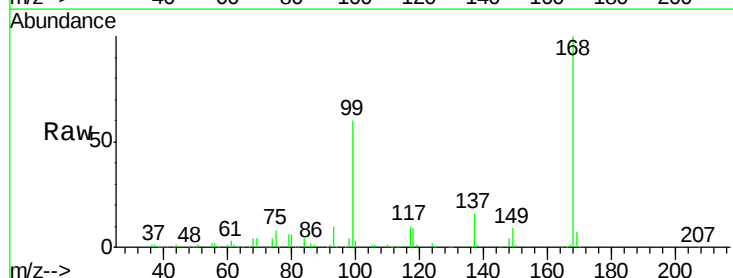
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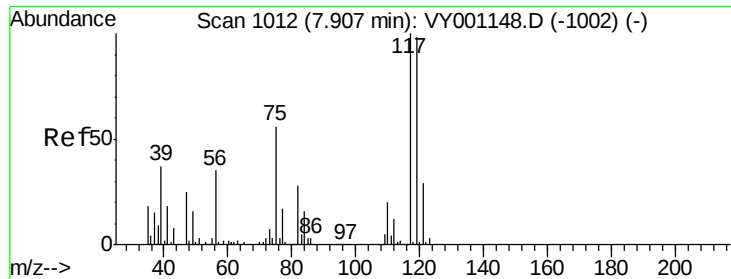
Tgt Ion:113 Resp: 116565
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.81 ug/l
RT: 7.83 min Scan# 999
Delta R.T. -0.10 min
Lab File: VY001276.D
Acq: 17 Jan 2020 19:24

Tgt Ion: 75 Resp: 17153
Ion Ratio Lower Upper
75 100
110 7.9 18.3 54.8#
77 0.0 25.1 37.7#

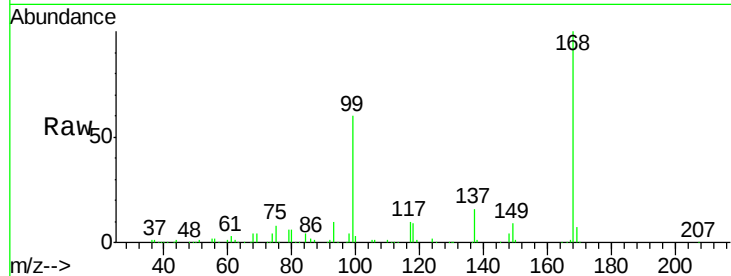




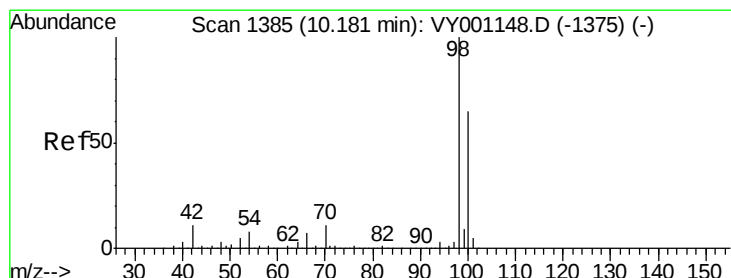
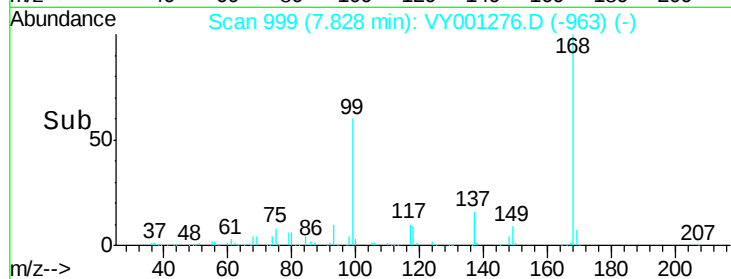
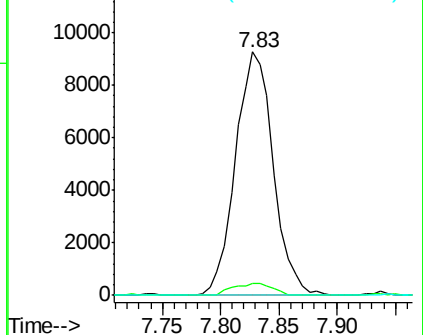
#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.83 min Scan# 999
Delta R.T. -0.08 min
Lab File: VY001276.D
Acq: 17 Jan 2020 19:24

Instrument :
MSVOA_Y
ClientSampleId :
BW-1A-20.0

Tgt Ion:117 Resp: 20943
Ion Ratio Lower Upper
117 100
119 5.1 78.3 117.5#
121 0.0 23.5 35.3#

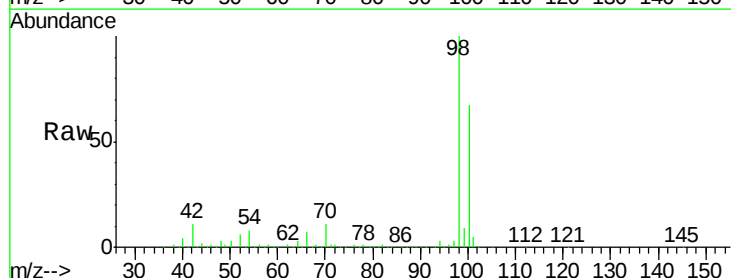


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

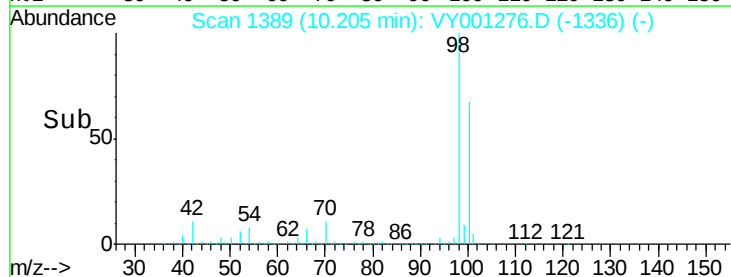
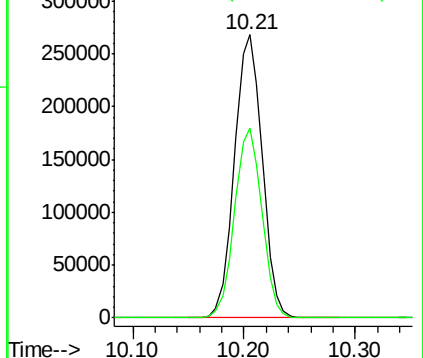


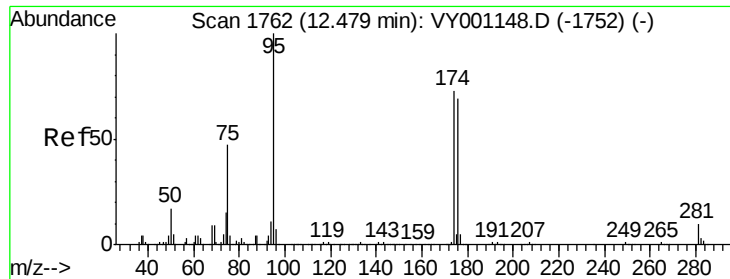
#50
Toluene-d8
Concen: 52.26 ug/l
RT: 10.21 min Scan# 1389
Delta R.T. 0.02 min
Lab File: VY001276.D
Acq: 17 Jan 2020 19:24

Tgt Ion: 98 Resp: 461591
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

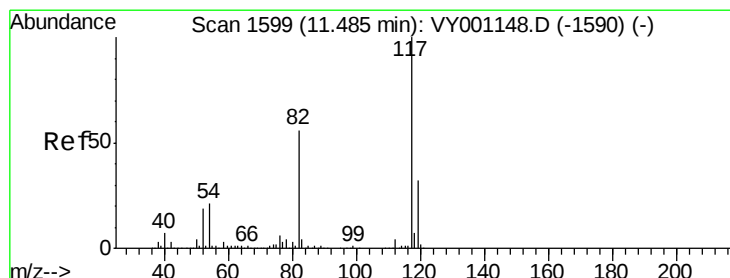
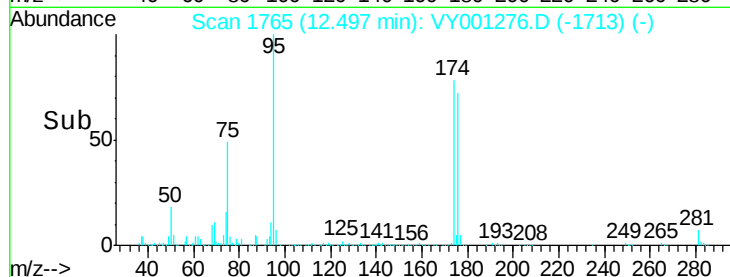
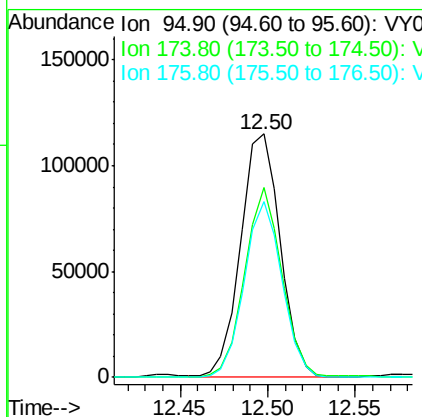
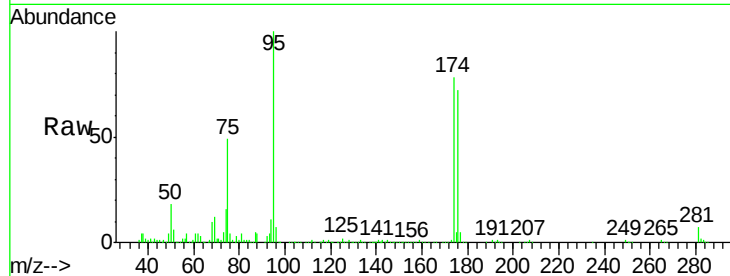




#62
 4-Bromofluorobenzene
 Concen: 50.33 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.02 min
 Lab File: VY001276.D
 Acq: 17 Jan 2020 19:24

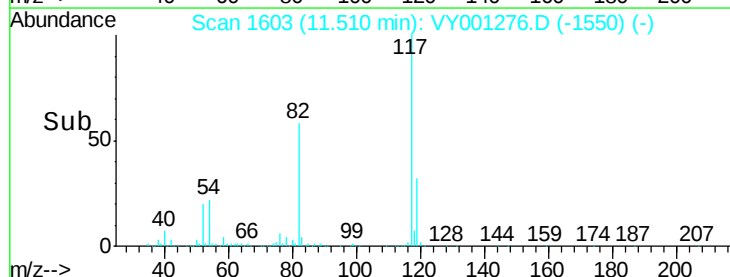
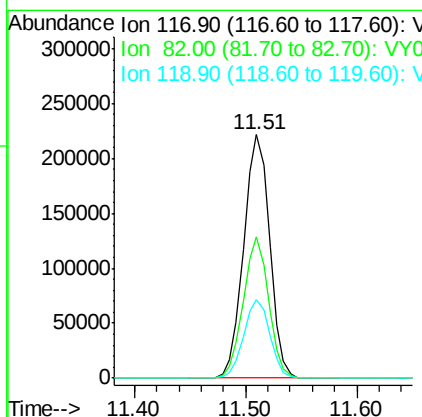
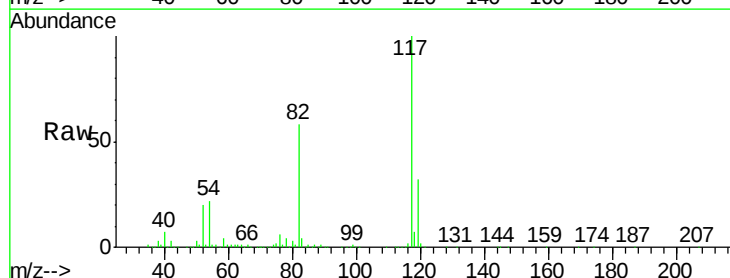
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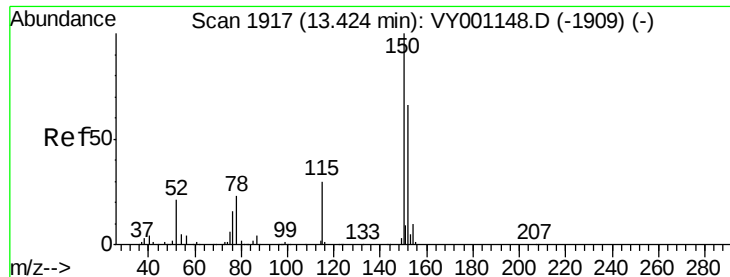
Tgt Ion: 95 Resp: 181751
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 143.2
 176 68.9 0.0 136.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.51 min Scan# 1603
 Delta R.T. 0.02 min
 Lab File: VY001276.D
 Acq: 17 Jan 2020 19:24

Tgt Ion: 117 Resp: 358382
 Ion Ratio Lower Upper
 117 100
 82 57.9 44.9 67.3
 119 32.4 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001276.D

Acq: 17 Jan 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

BW-1A-20.0

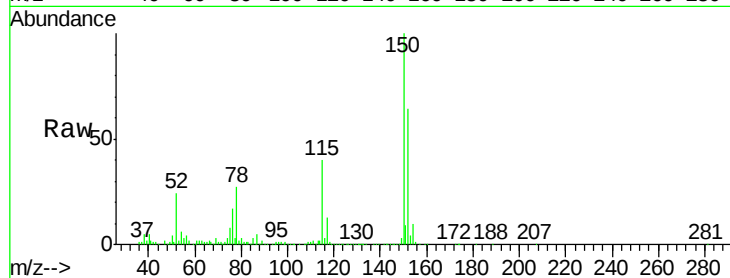
Tgt Ion:152 Resp: 172669

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.5

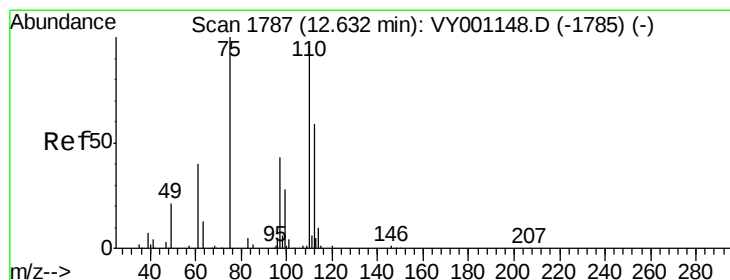
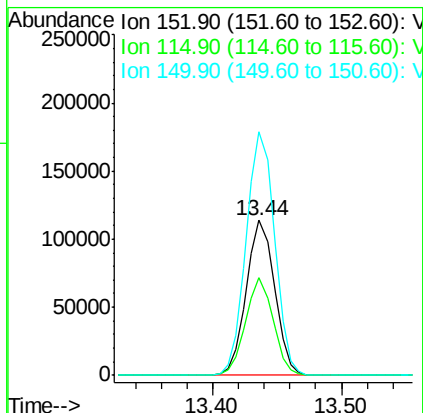
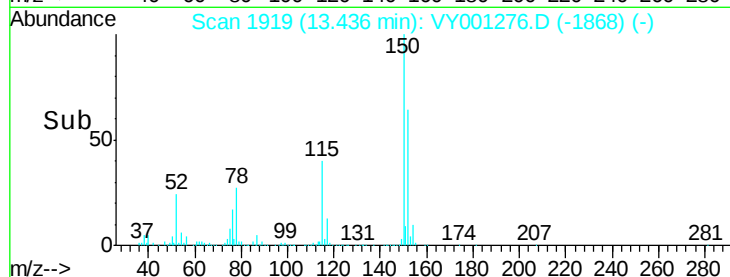
150 158.0 0.0 346.8



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: 48.27 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.13 min

Lab File: VY001276.D

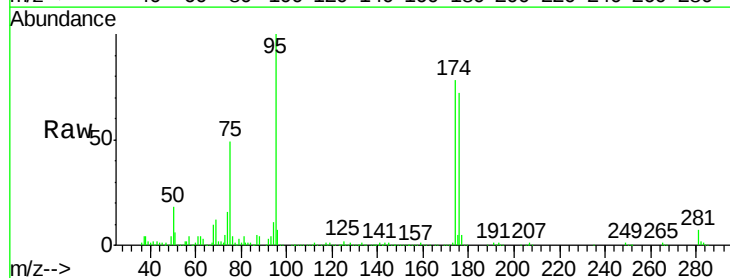
Acq: 17 Jan 2020 19:24

Tgt Ion: 75 Resp: 89218

Ion Ratio Lower Upper

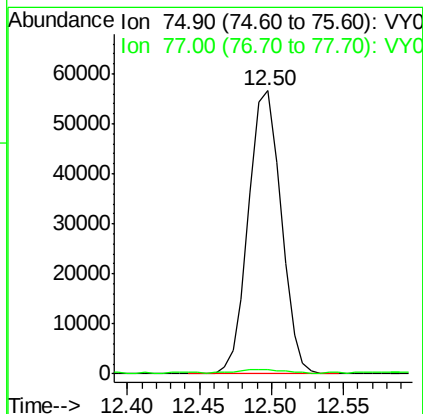
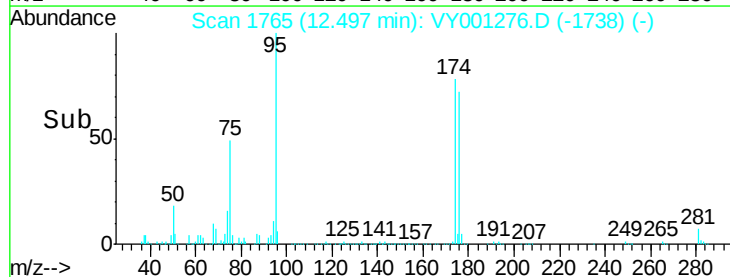
75 100

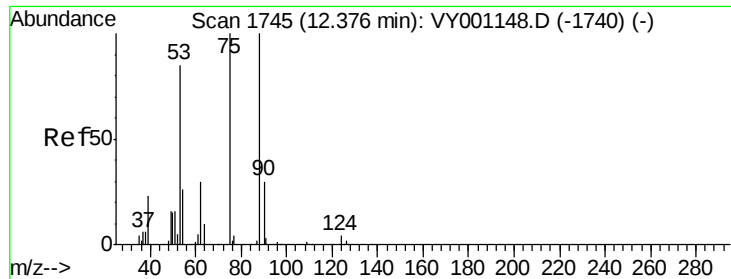
77 1.7 0.0 0.0#



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: 81.85 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.12 min

Lab File: VY001276.D

Acq: 17 Jan 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

BW-1A-20.0

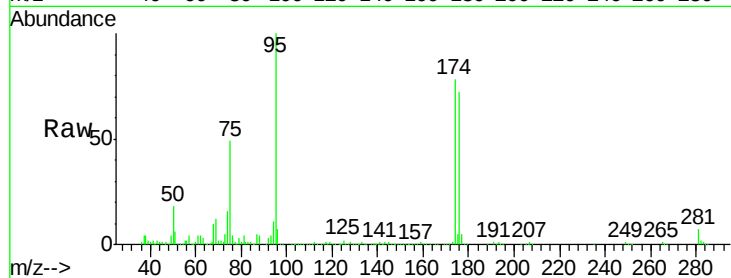
Tgt Ion: 75 Resp: 89218

Ion Ratio Lower Upper

75 100

53 0.7 69.4 104.2#

89 0.1 0.0 0.0#



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

