

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002587.D
 Acq On : 05 May 2020 15:29
 Operator : SY/MD
 Sample : L2463-08
 Misc : 4.93G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-AOC14-CAR-WASH

Quant Time: May 06 07:29:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

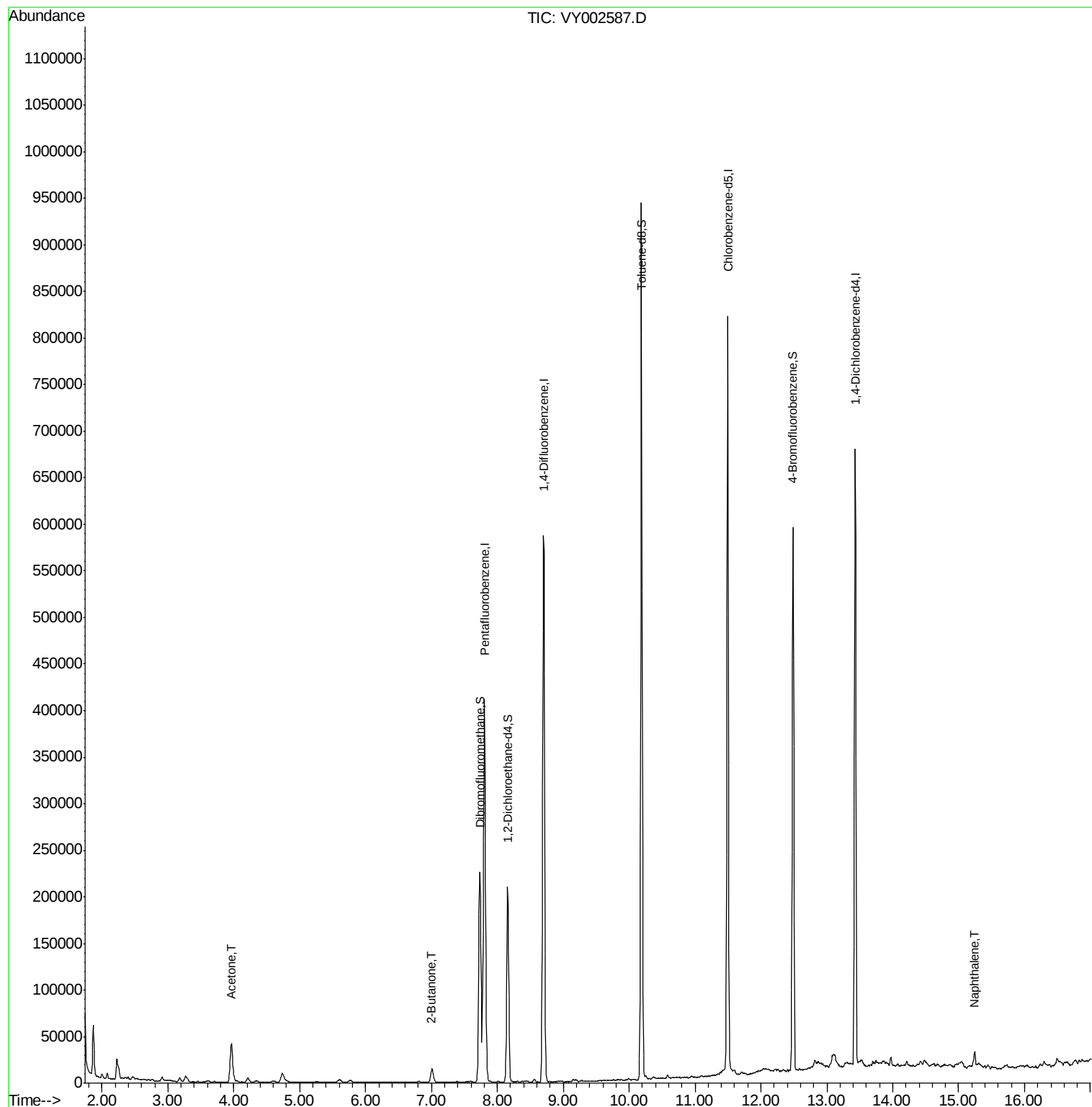
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	339276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	533204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	455209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	182751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	156422	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
35) Dibromofluoromethane	7.73	113	160208	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
50) Toluene-d8	10.19	98	619261	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.49	95	179683	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	
Target Compounds						
16) Acetone	3.97	43	72684	123.458	ug/l	97
25) 2-Butanone	7.00	43	25901	26.876	ug/l	94
95) Naphthalene	15.24	128	12718	1.922	ug/l #	95

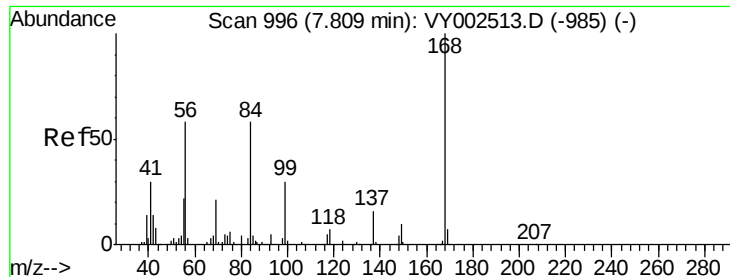
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002587.D

Acq: 05 May 2020 15:29

Instrument :

MSVOA_Y

ClientSampleId :

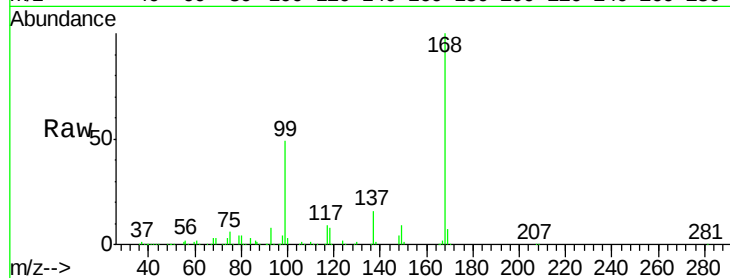
NORTH-AOC14-CAR-WASH

Tot Ion:168 Resp: 339276

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

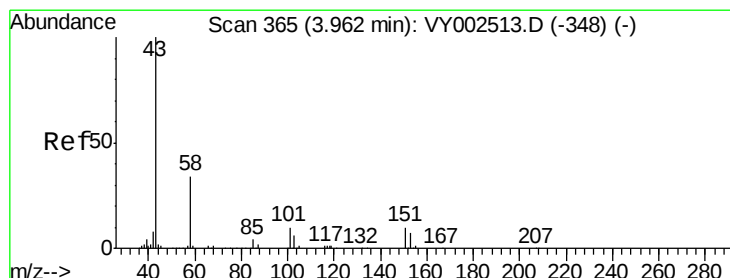
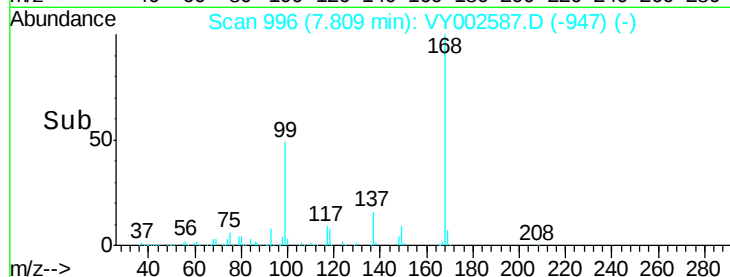
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 123.458 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002587.D

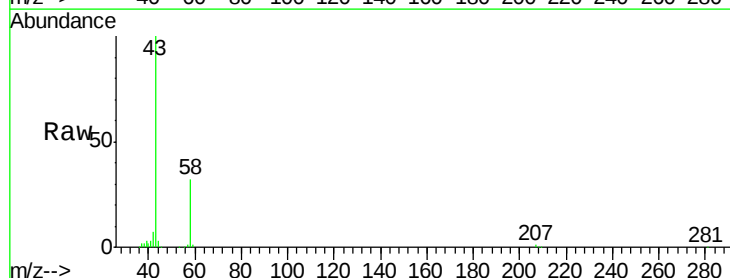
Acq: 05 May 2020 15:29

Tgt Ion: 43 Resp: 72684

Ion Ratio Lower Upper

43 100

58 32.1 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.97

30000

25000

20000

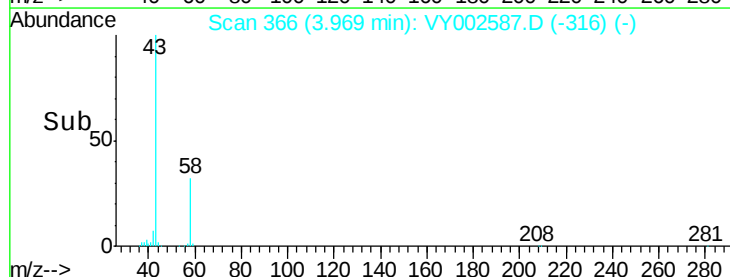
15000

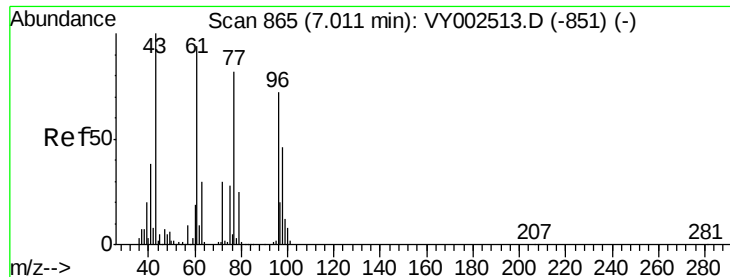
10000

5000

0

Time-->





#25

2-Butanone

Concen: 26.876 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002587.D

Acq: 05 May 2020 15:29

Instrument :

MSVOA_Y

ClientSampleId :

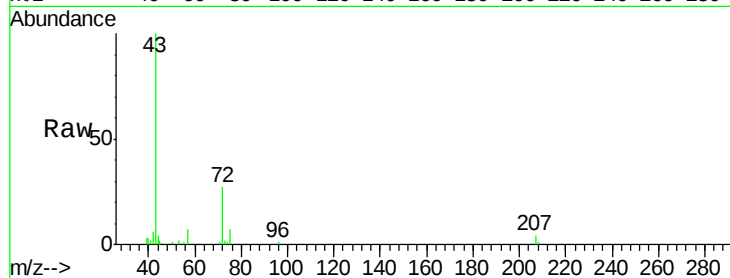
NORTH-AOC14-CAR-WASH

Tot Ion: 43 Resp: 25901

Ion Ratio Lower Upper

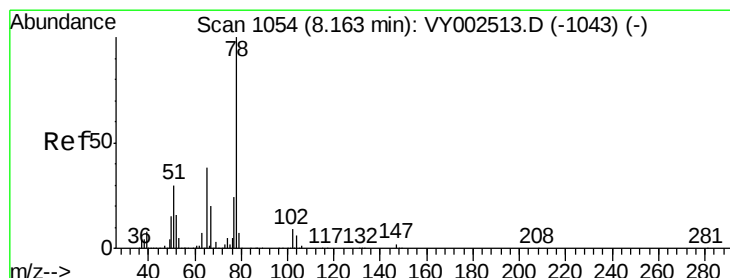
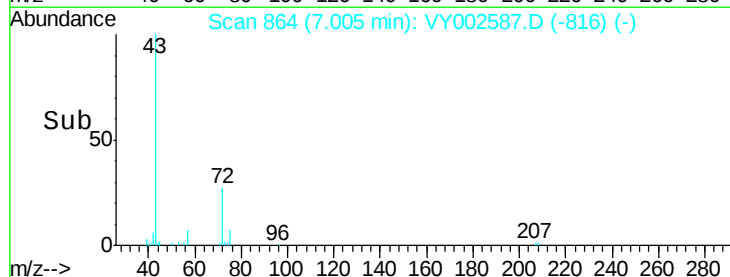
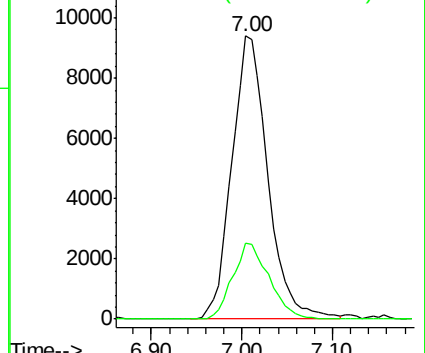
43 100

72 26.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 54.833 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002587.D

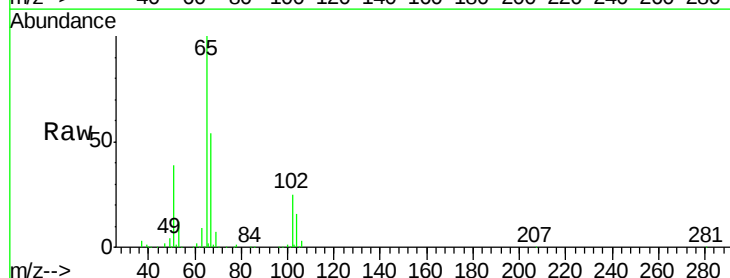
Acq: 05 May 2020 15:29

Tgt Ion: 65 Resp: 156422

Ion Ratio Lower Upper

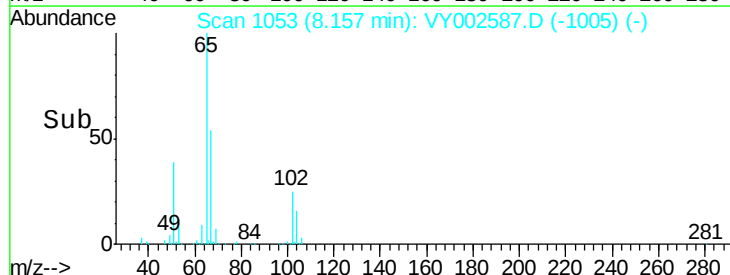
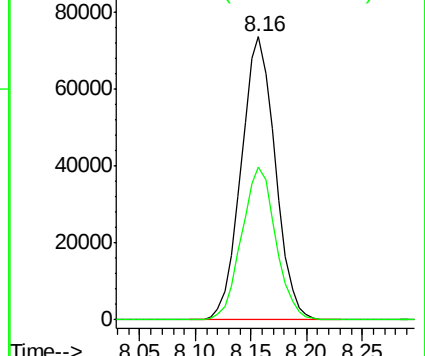
65 100

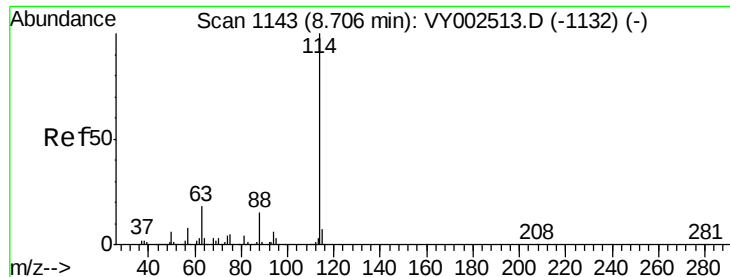
67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

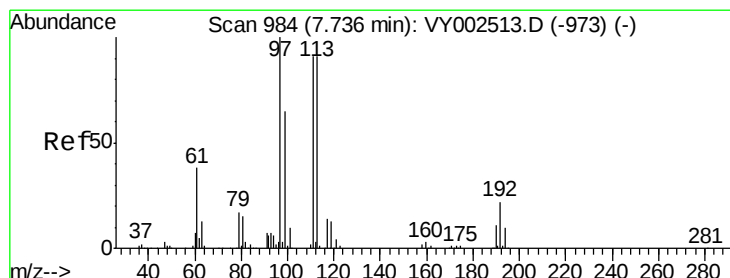
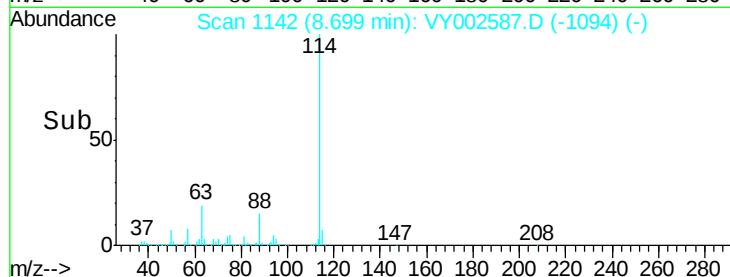
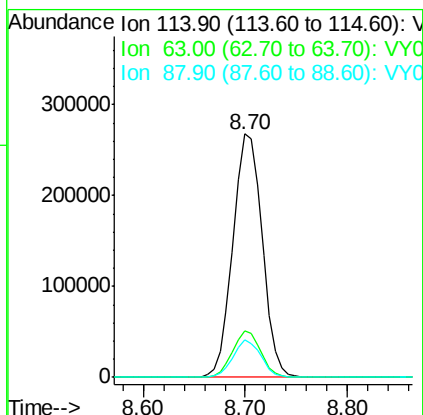
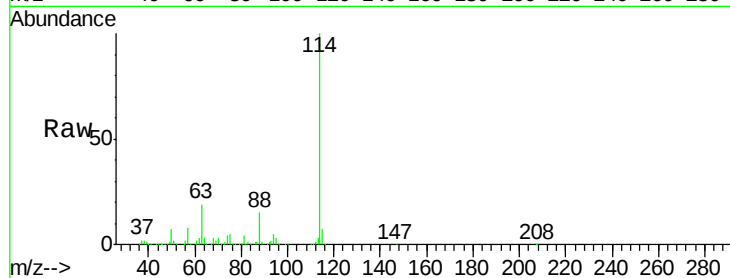




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002587.D
 Acq: 05 May 2020 15:29

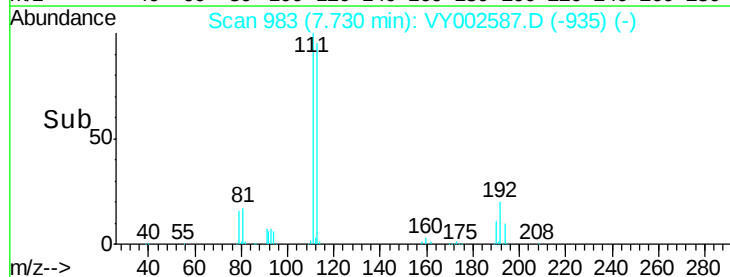
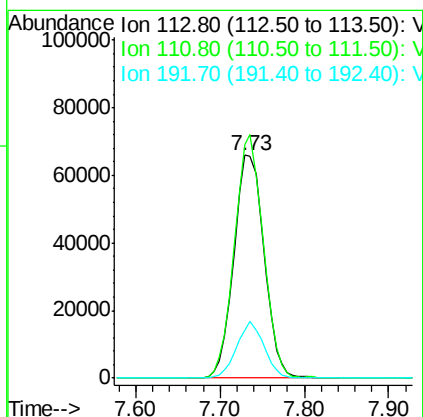
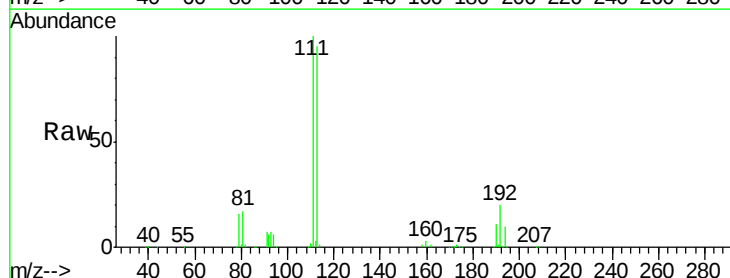
Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-AOC14-CAR-WASH

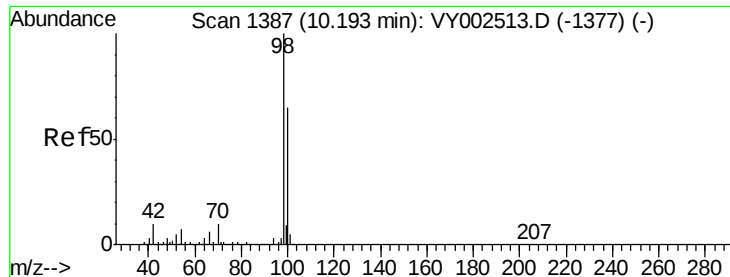
Tot Ion:114 Resp: 533204
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.4
 88 15.2 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 52.537 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002587.D
 Acq: 05 May 2020 15:29

Tgt Ion:113 Resp: 160208
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.6
 192 22.8 18.2 27.4





#50

Toluene-d8

Concen: 52.002 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002587.D

Acq: 05 May 2020 15:29

Instrument :

MSVOA_Y

ClientSampleId :

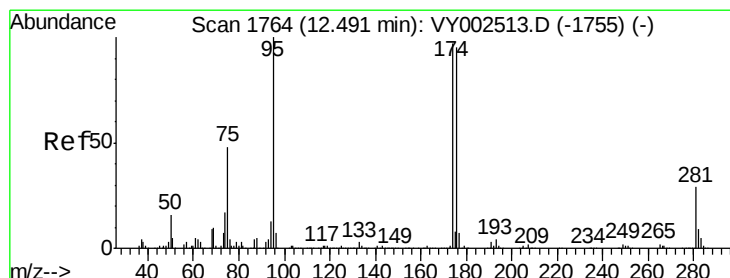
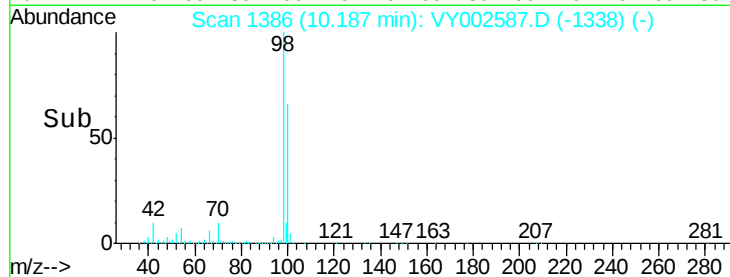
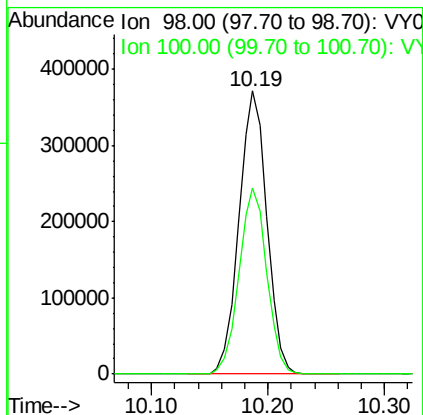
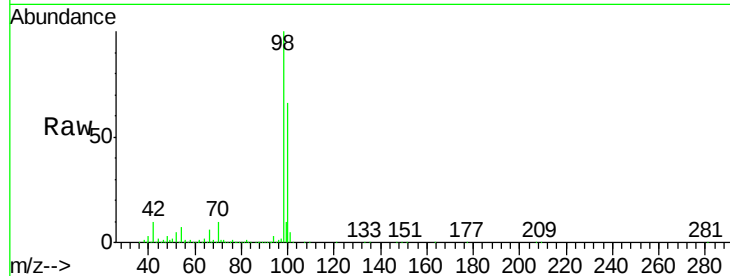
NORTH-AOC14-CAR-WASH

Tot Ion: 98 Resp: 619261

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.467 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002587.D

Acq: 05 May 2020 15:29

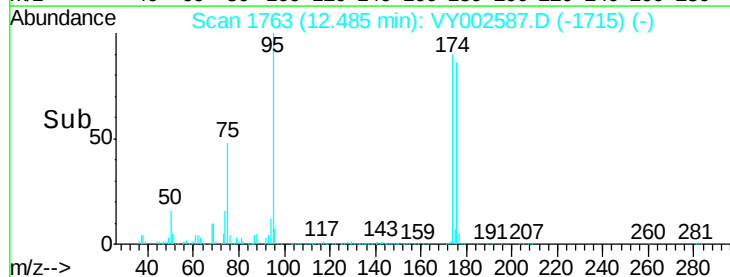
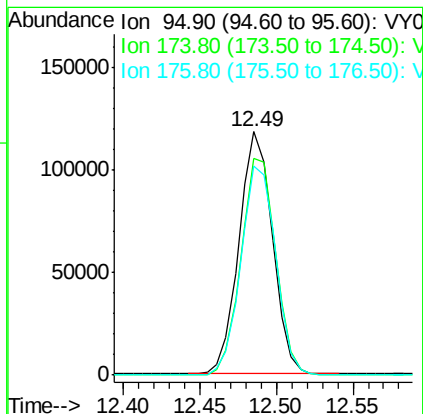
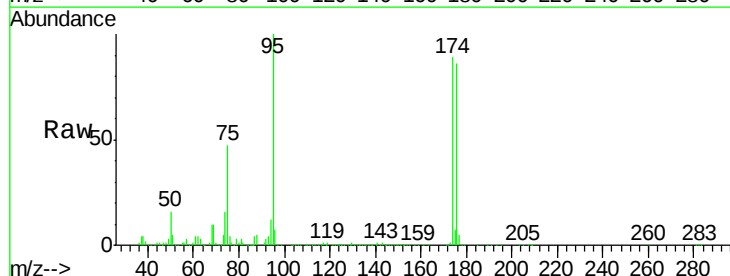
Tgt Ion: 95 Resp: 179683

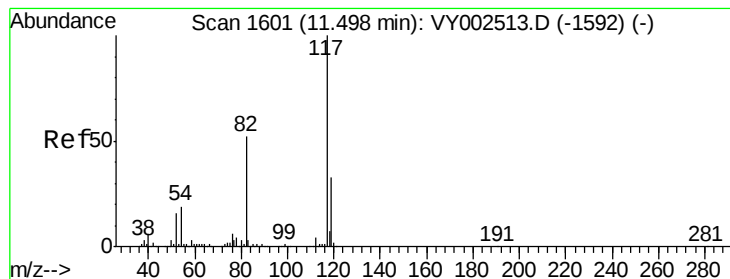
Ion Ratio Lower Upper

95 100

174 92.7 0.0 188.8

176 90.0 0.0 183.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY002587.D

Acq: 05 May 2020 15:29

Instrument :

MSVOA_Y

ClientSampleId :

NORTH-AOC14-CAR-WASH

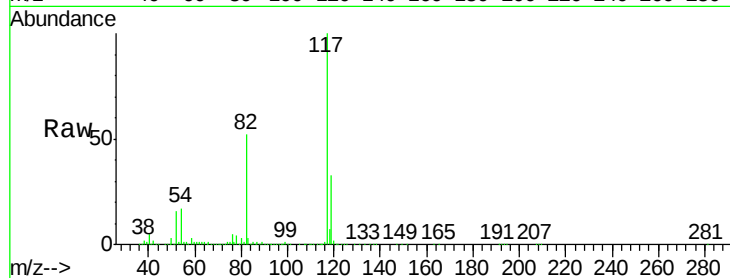
Tot Ion:117 Resp: 455209

Ion Ratio Lower Upper

117 100

82 51.7 41.3 61.9

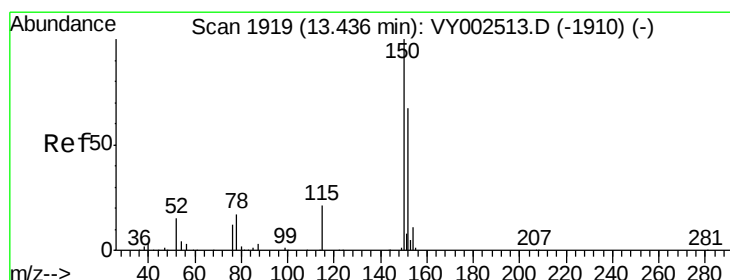
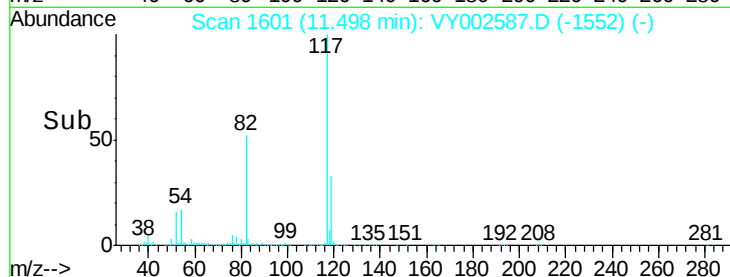
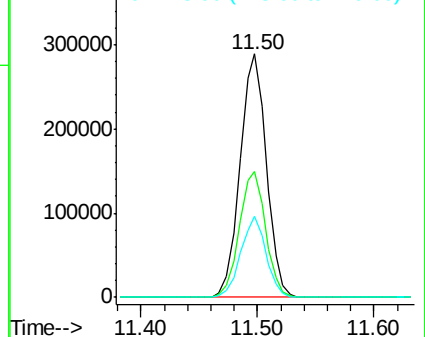
119 33.2 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002587.D

Acq: 05 May 2020 15:29

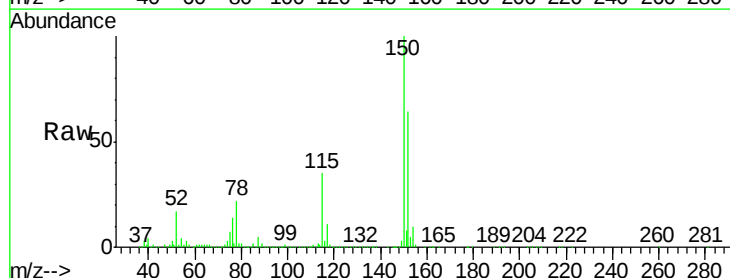
Tgt Ion:152 Resp: 182751

Ion Ratio Lower Upper

152 100

115 53.9 27.5 82.4

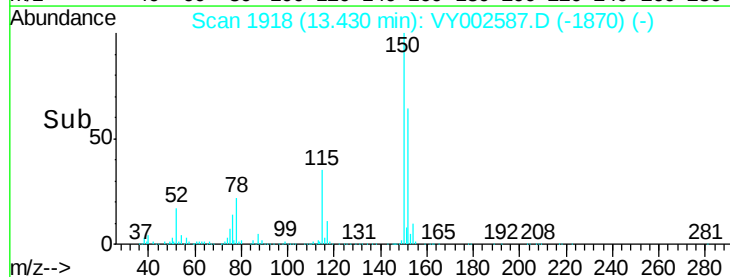
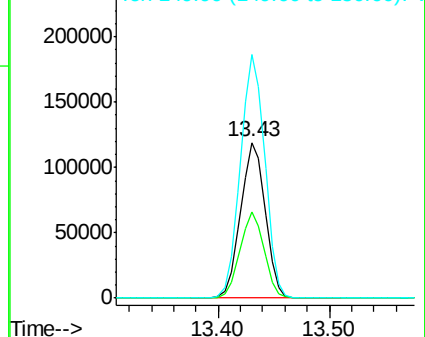
150 155.3 0.0 346.4

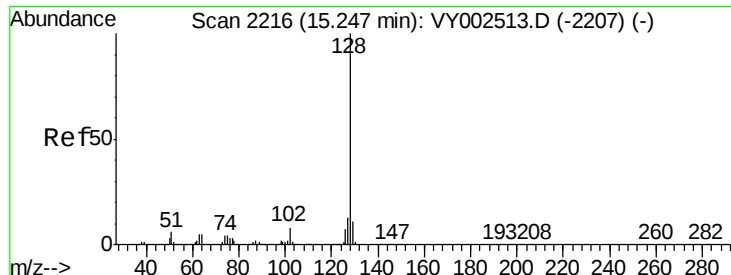


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.922 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002587.D

Acq: 05 May 2020 15:29

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NORTH-AOC14-CAR-WASH

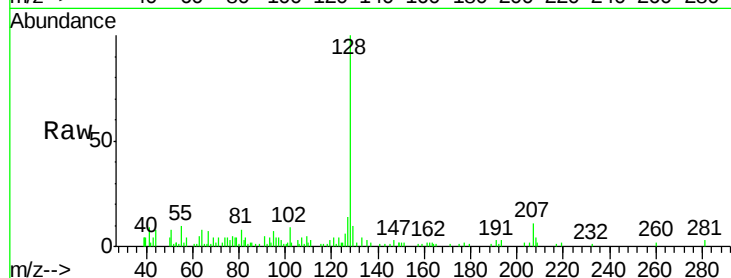
Tot Ion:128 Resp: 12718

Ion Ratio Lower Upper

128 100

127 16.6 10.5 15.7#

129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

