

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002561.D
 Acq On : 05 May 2020 00:06
 Operator : SY/MD
 Sample : L2463-02
 Misc : 7.40G/5ML/MSVOA Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AOC14-CARWASH

Quant Time: May 05 09:03:13 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	7.82	168	348872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	570528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	514485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	255969	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	176569	60.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.38%	
35) Dibromofluoromethane	7.75	113	173853	53.28	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	10.19	98	659482	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.49	95	224214	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

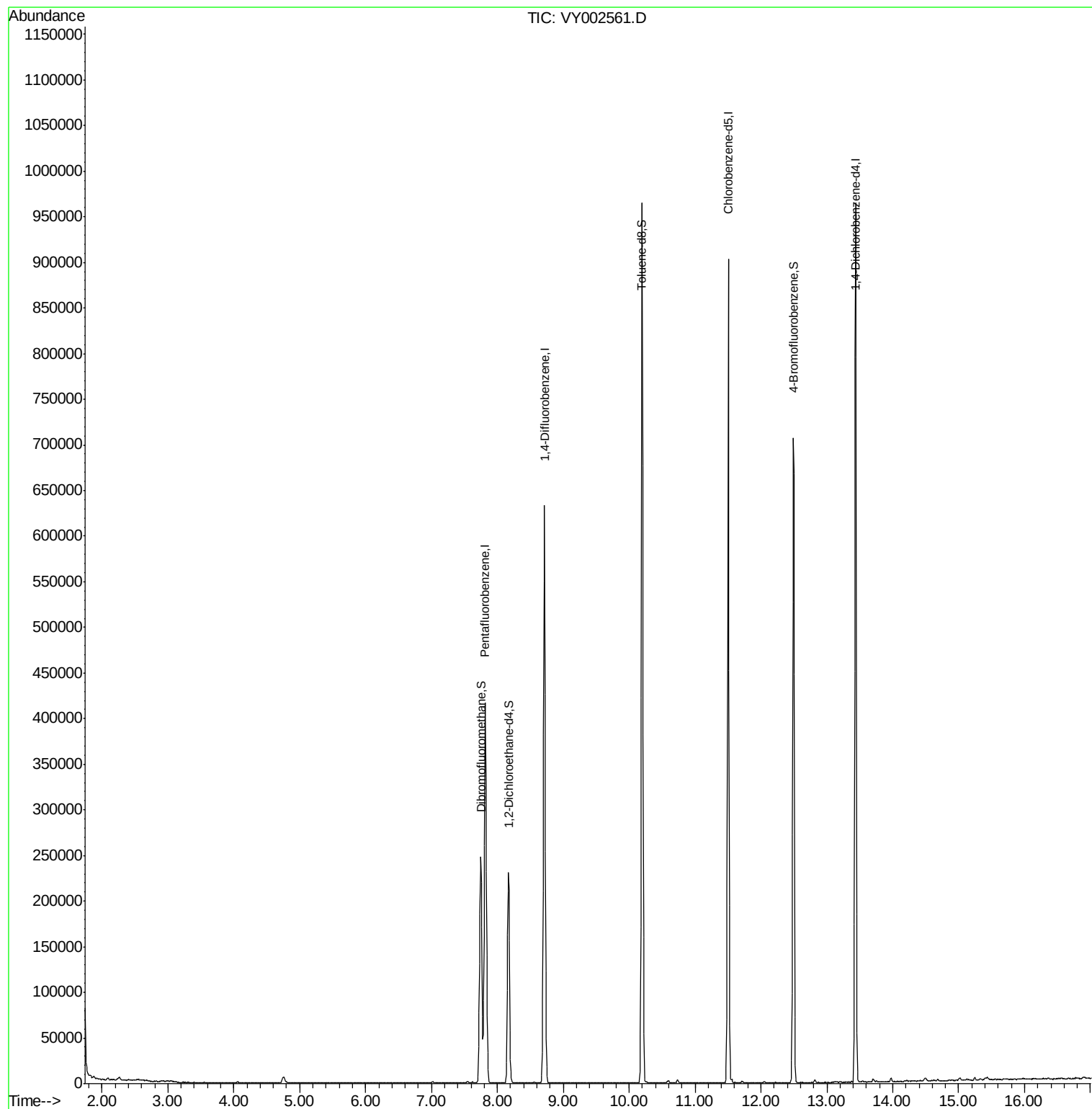
Target Compounds	Qvalue
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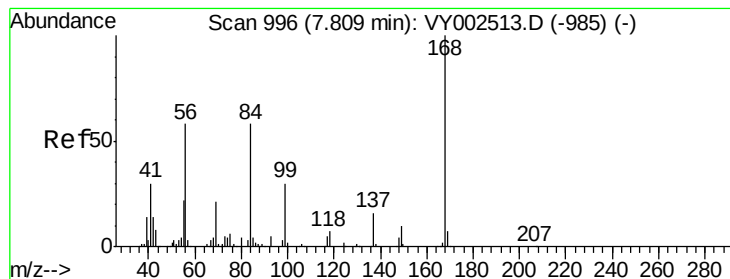
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002561.D

Acq: 05 May 2020 00:06

Instrument :

MSVOA_Y

ClientSampleId :

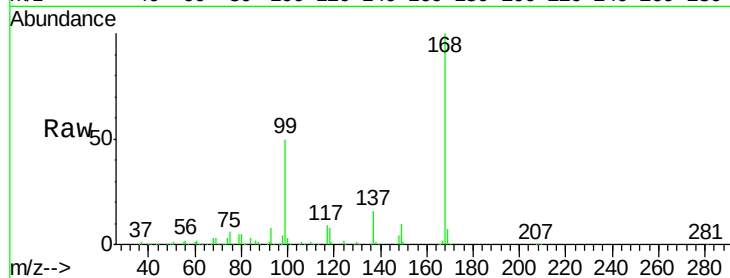
AOC14-CARWASH

Tot Ion:168 Resp: 348872

Ion Ratio Lower Upper

168 100

99 50.2 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) (-)

7.82

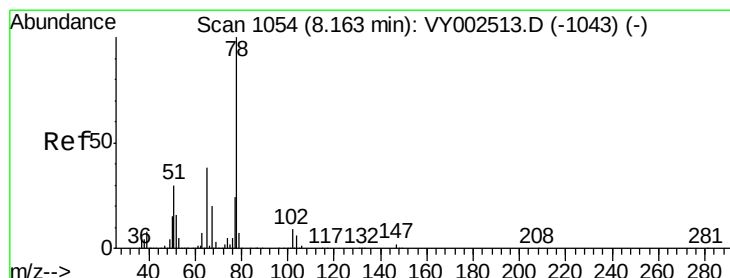
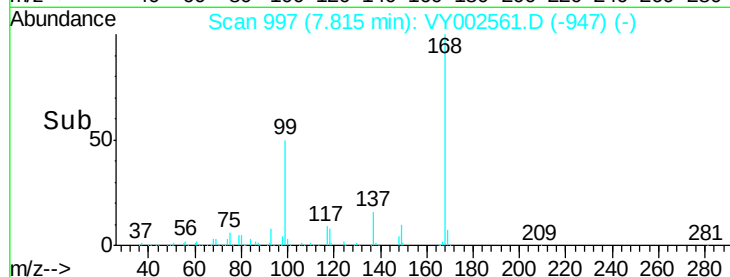
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.193 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002561.D

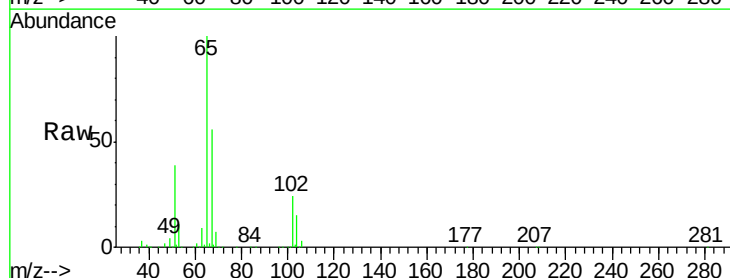
Acq: 05 May 2020 00:06

Tgt Ion: 65 Resp: 176569

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

8.17

80000

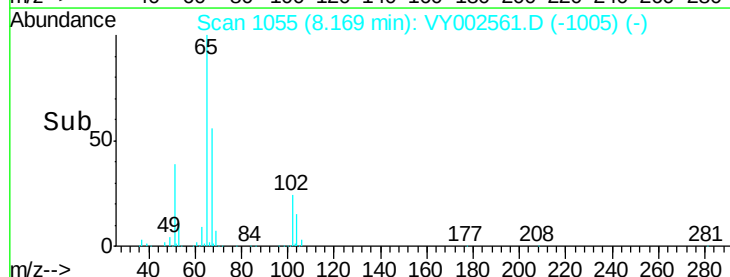
60000

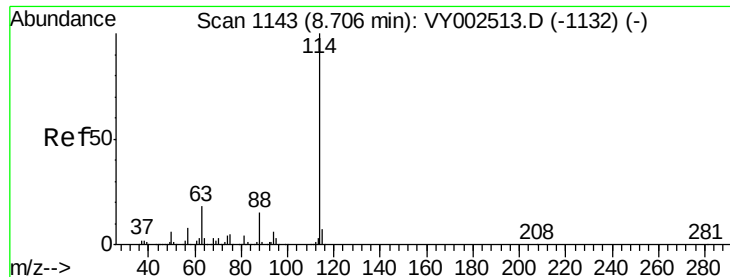
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002561.D

Acq: 05 May 2020 00:06

Instrument :

MSVOA_Y

ClientSampleId :

AOC14-CARWASH

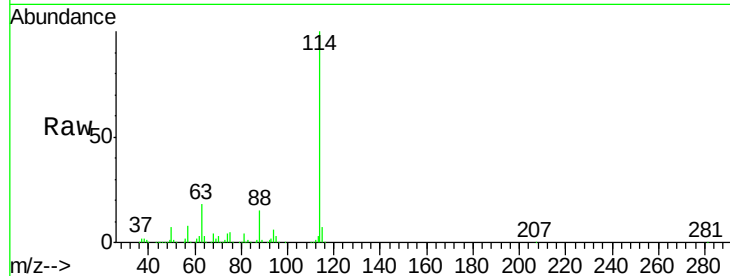
Tot Ion:114 Resp: 570528

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

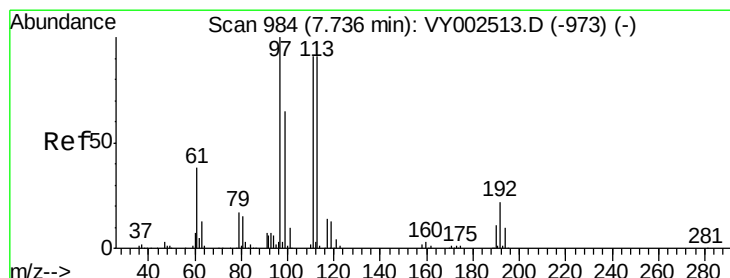
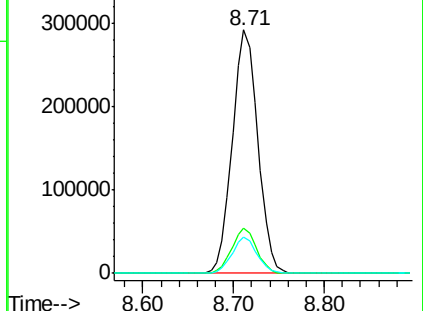
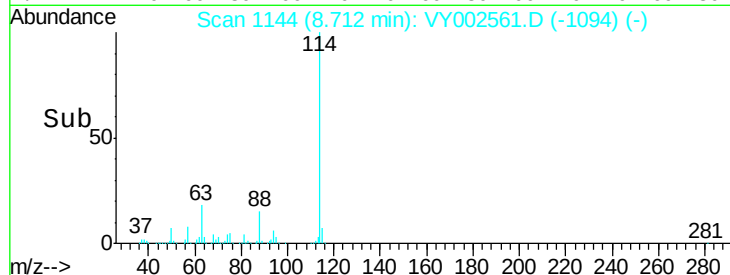
88 15.0 0.0 29.6



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: 53.282 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002561.D

Acq: 05 May 2020 00:06

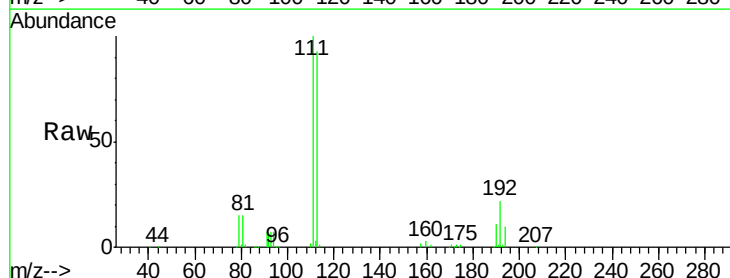
Tgt Ion:113 Resp: 173853

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

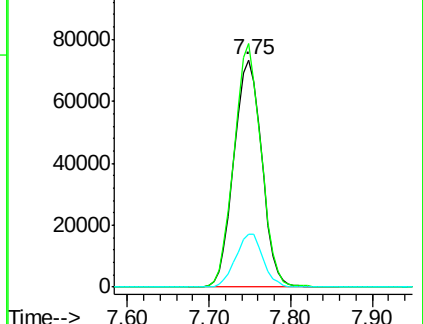
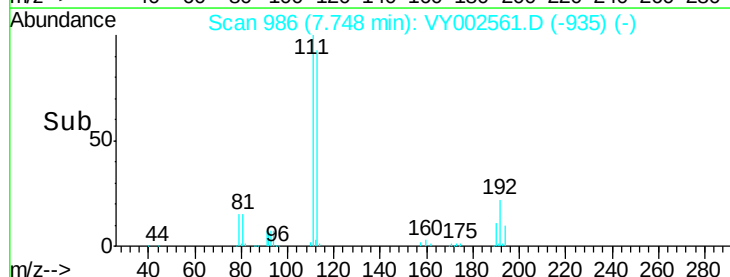
192 23.0 18.2 27.4

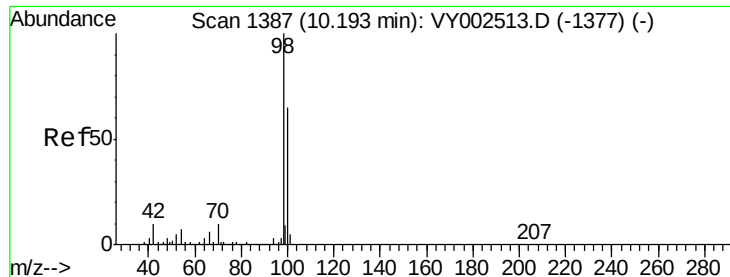


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.757 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002561.D

Acq: 05 May 2020 00:06

Instrument :

MSVOA_Y

ClientSampleId :

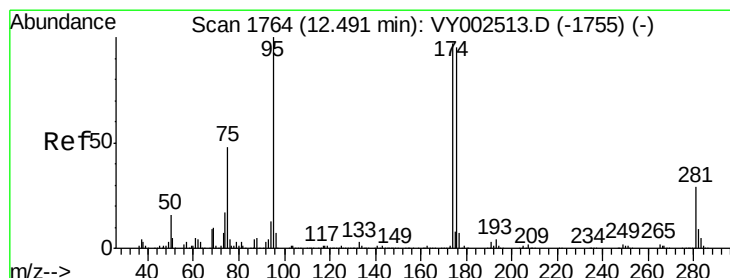
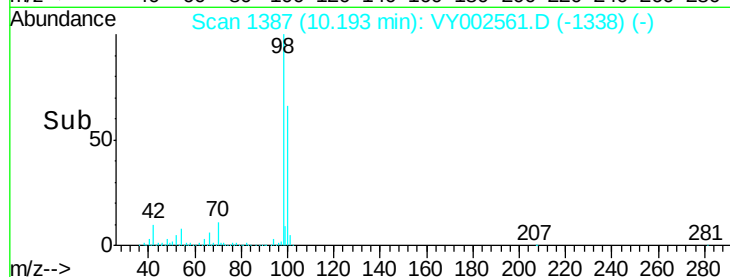
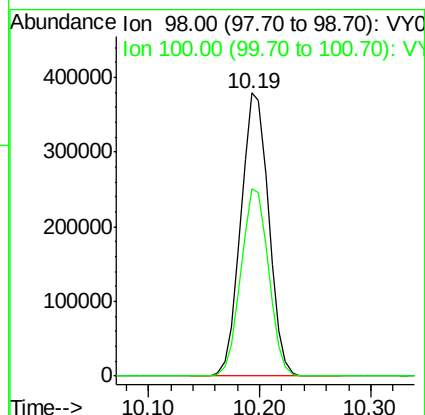
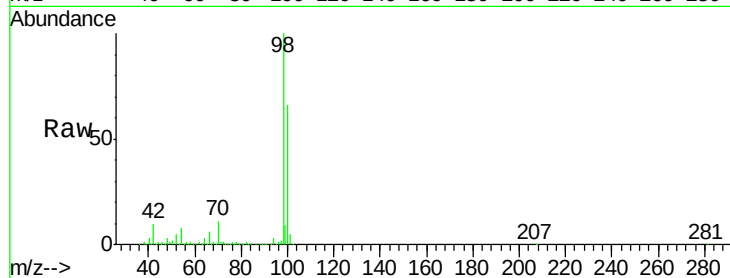
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Tot Ion: 98 Resp: 659482

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.857 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002561.D

Acq: 05 May 2020 00:06

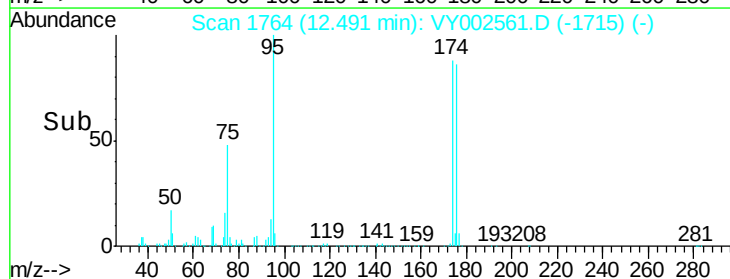
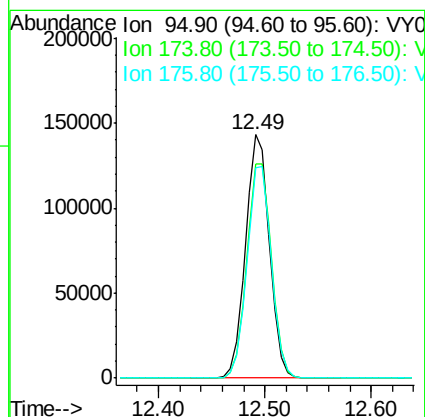
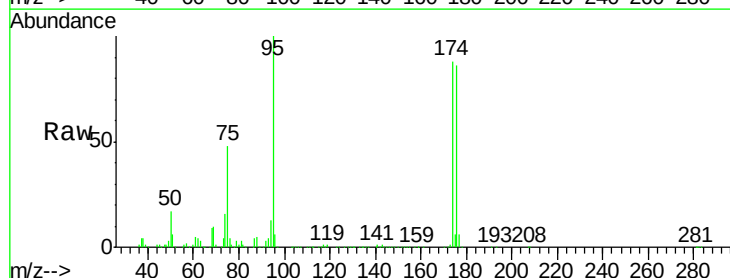
Tgt Ion: 95 Resp: 224214

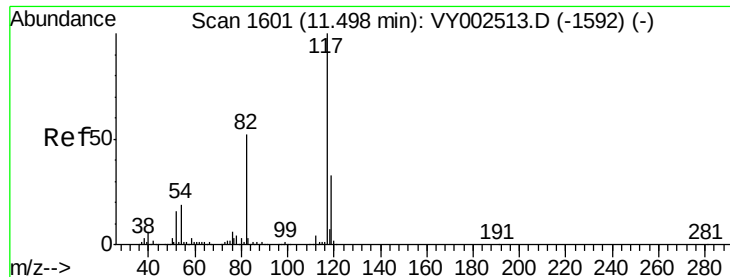
Ion Ratio Lower Upper

95 100

174 91.2 0.0 188.8

176 88.9 0.0 183.2

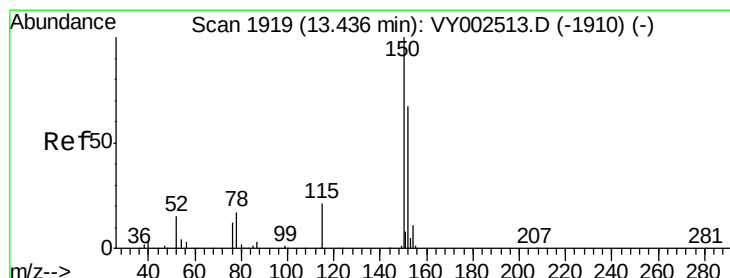
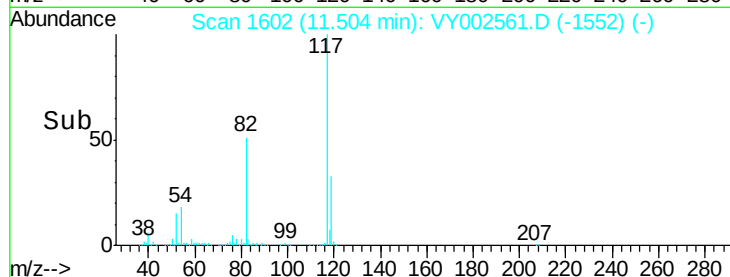
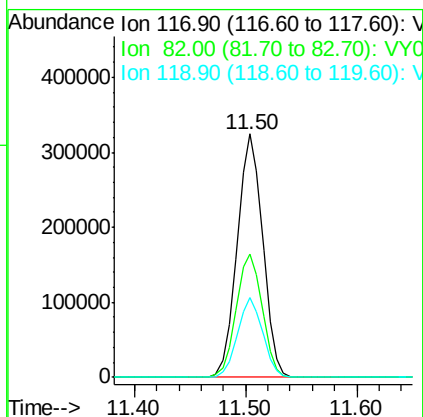
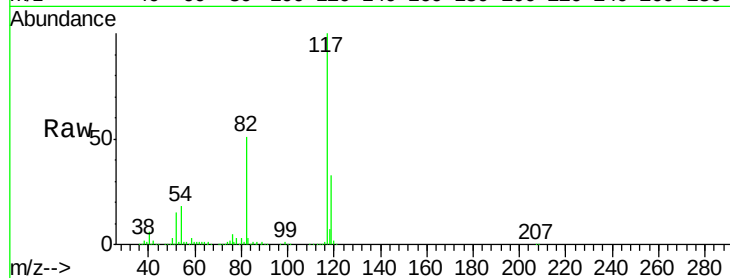




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002561.D
Acq: 05 May 2020 00:06

Instrument :
MSVOA_Y
ClientSampleId :
AOC14-CARWASH

Tot Ion:117 Resp: 514485
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002561.D
Acq: 05 May 2020 00:06

Tgt Ion:152 Resp: 255969
Ion Ratio Lower Upper
152 100
115 54.6 27.5 82.4
150 155.8 0.0 346.4

