

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014730.D
 Acq On : 23 Jan 2020 17:55
 Operator : SY/VA
 Sample : L1243-05
 Misc : 7.36G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CTY-SB-03-1-2

Quant Time: Jan 24 05:50:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

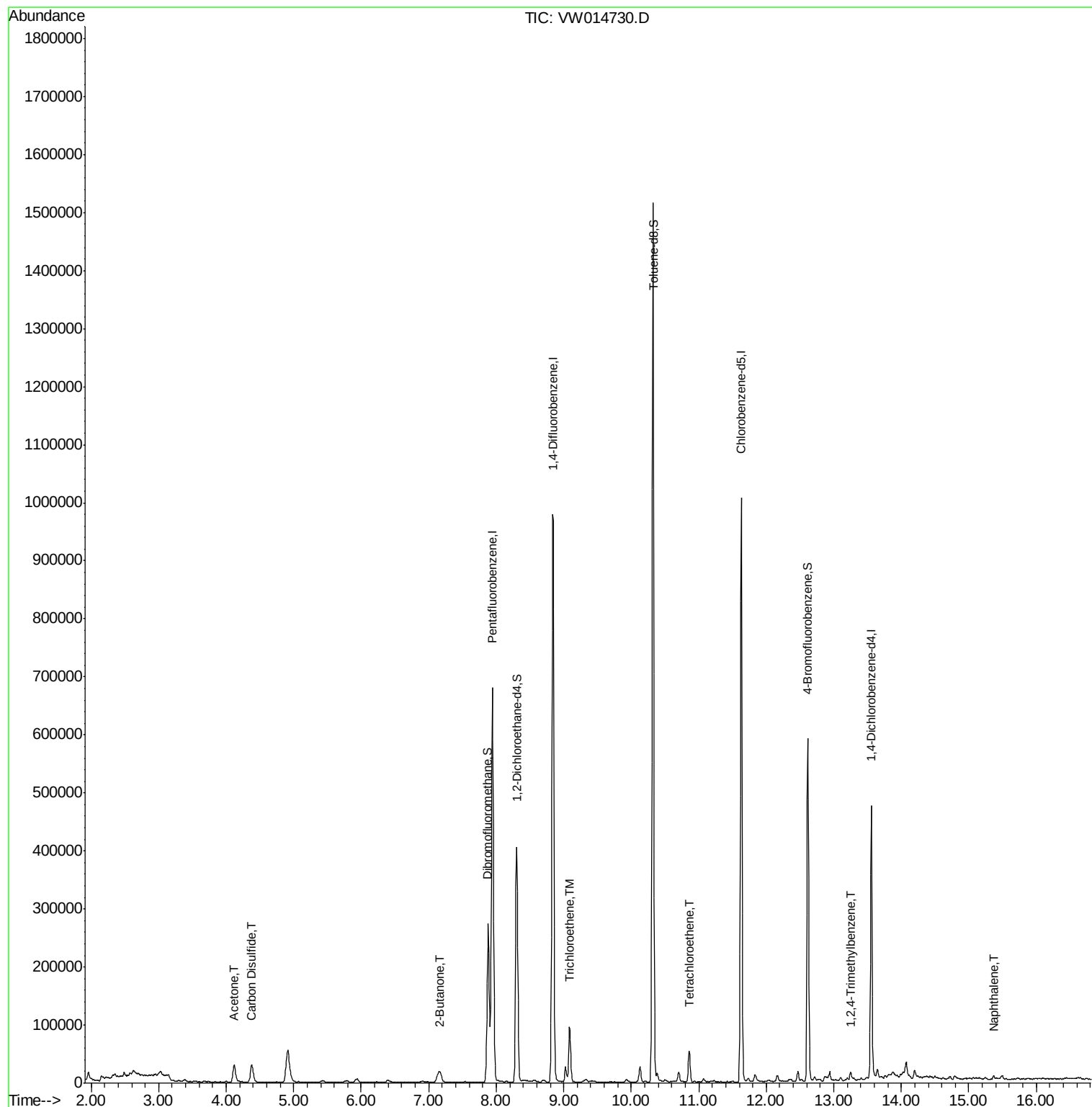
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	529298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	848505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	561109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	123185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	316096	68.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.60%	
35) Dibromofluoromethane	7.88	113	195551	40.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.66%	
50) Toluene-d8	10.32	98	1003393	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.62	95	197579	28.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.56%	
Target Compounds						
16) Acetone	4.12	43	53170	40.690	ug/l	97
17) Carbon Disulfide	4.38	76	65151	4.104	ug/l #	95
25) 2-Butanone	7.17	43	11716	6.987	ug/l	93
44) Trichloroethene	9.09	130	32667	5.216	ug/l	96
64) Tetrachloroethene	10.86	164	12505	3.078	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	8898	1.178	ug/l	99
95) Naphthalene	15.37	128	4651	1.126	ug/l #	88

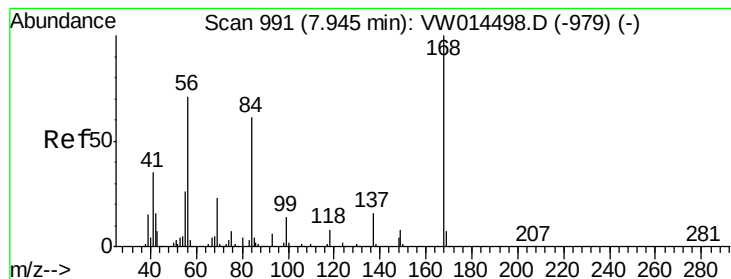
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014730.D

Acq: 23 Jan 2020 17:55

Instrument :

MSVOA_W

ClientSampleId :

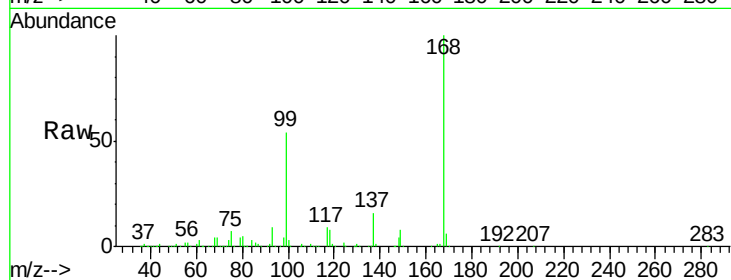
CTY-SB-03-1-2

Tot Ion:168 Resp: 529298

Ion Ratio Lower Upper

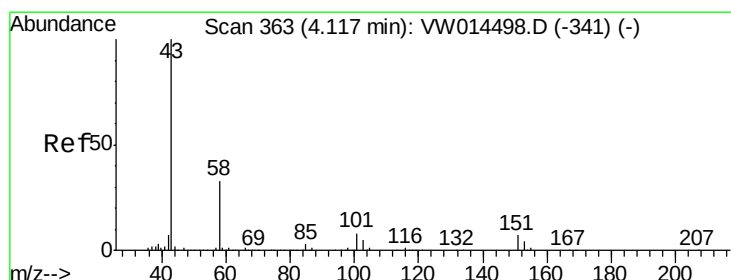
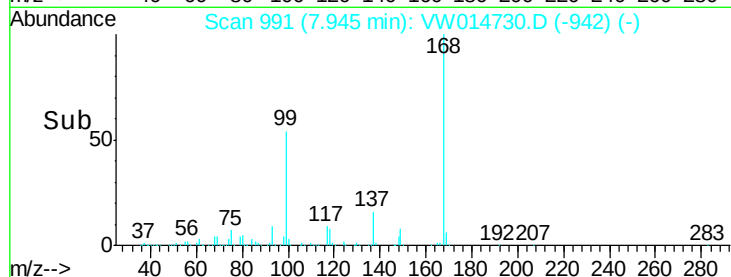
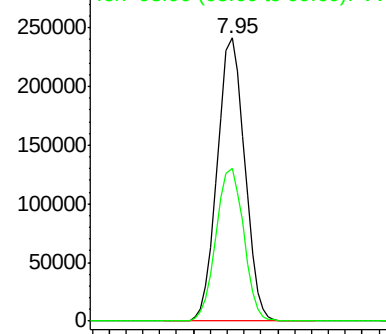
168 100

99 54.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 40.690 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014730.D

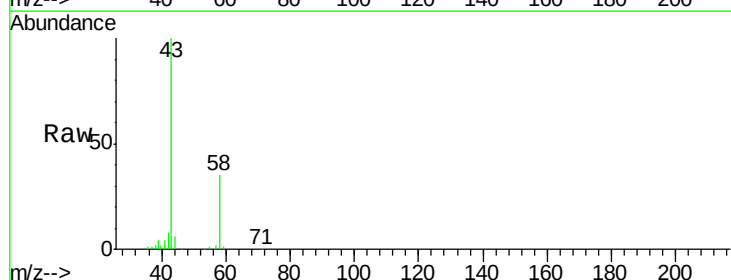
Acq: 23 Jan 2020 17:55

Tgt Ion: 43 Resp: 53170

Ion Ratio Lower Upper

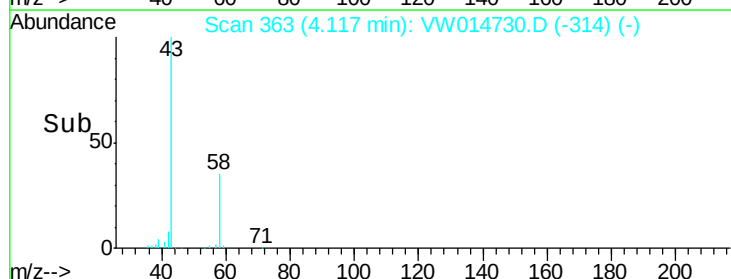
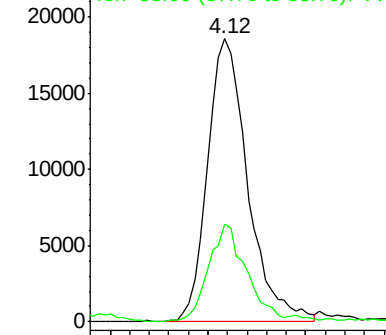
43 100

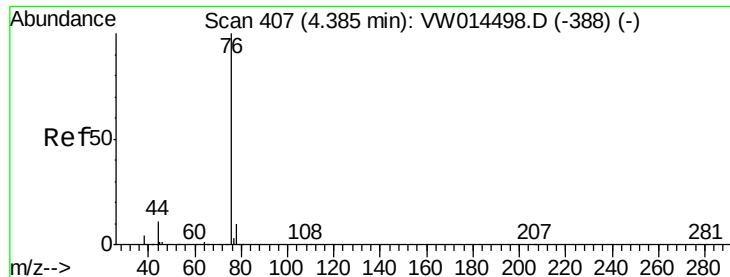
58 34.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 4.104 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014730.D

Acq: 23 Jan 2020 17:55

Instrument :

MSVOA_W

ClientSampleId :

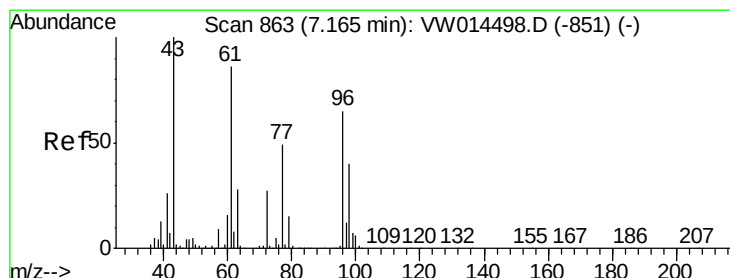
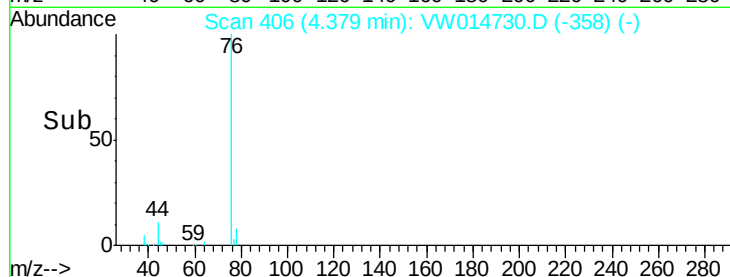
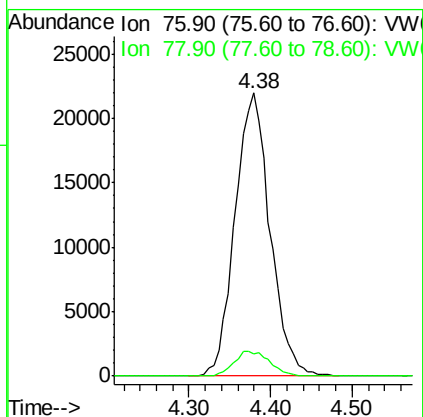
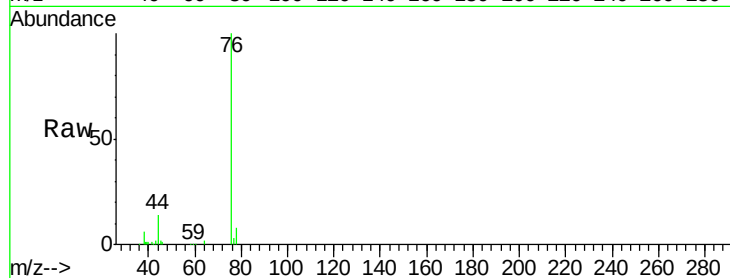
CTY-SB-03-1-2

Tot Ion: 76 Resp: 65151

Ion Ratio Lower Upper

76 100

78 7.7 7.8 11.6#



#25

2-Butanone

Concen: 6.987 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014730.D

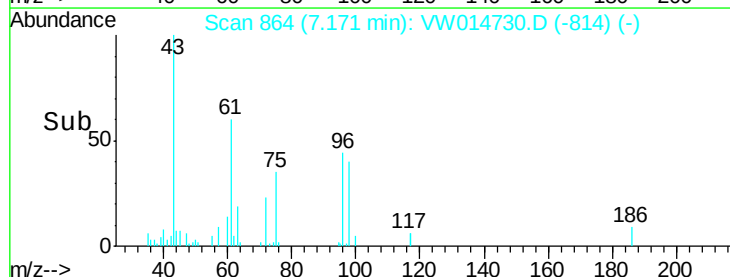
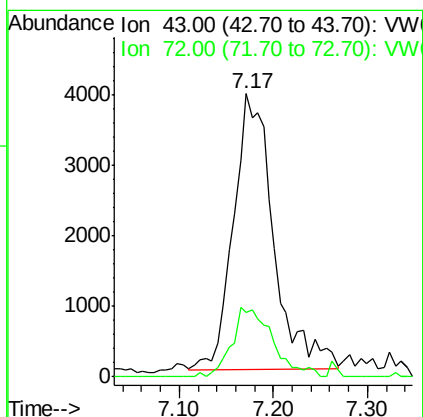
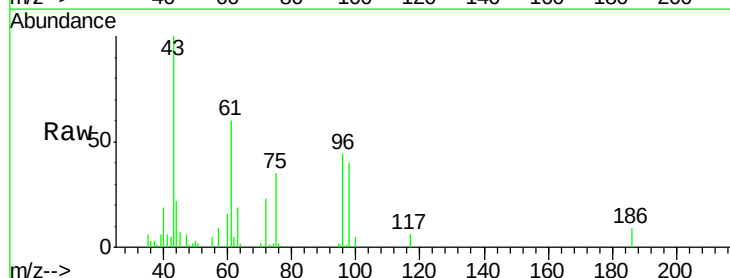
Acq: 23 Jan 2020 17:55

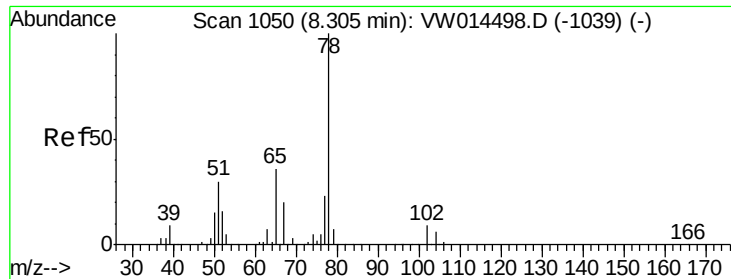
Tgt Ion: 43 Resp: 11716

Ion Ratio Lower Upper

43 100

72 23.7 21.9 32.9

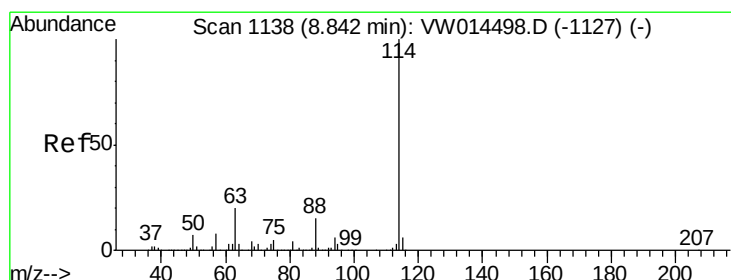
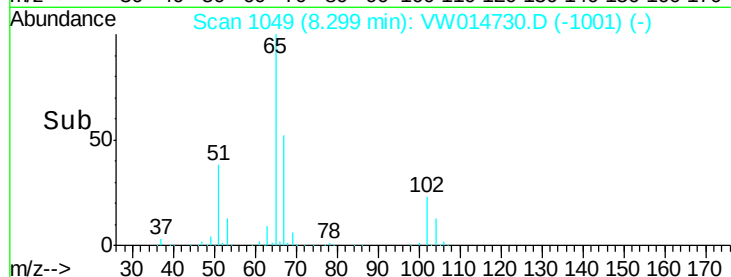
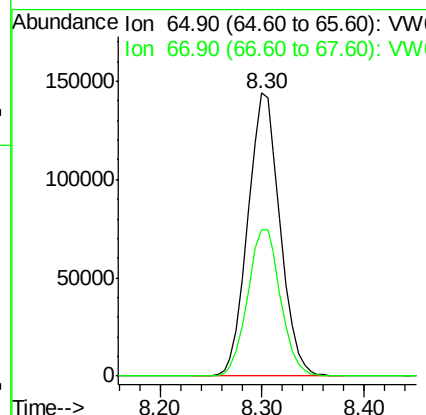
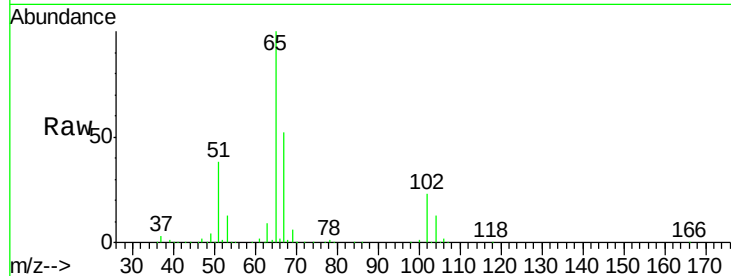




#33
 1,2-Dichloroethane-d4
 Concen: 68.305 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014730.D
 Acq: 23 Jan 2020 17:55

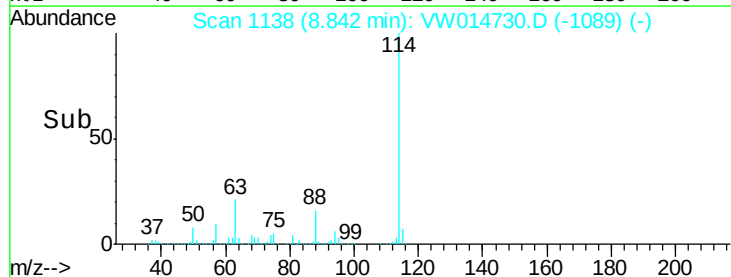
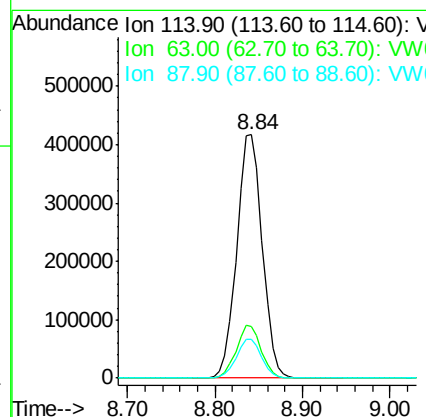
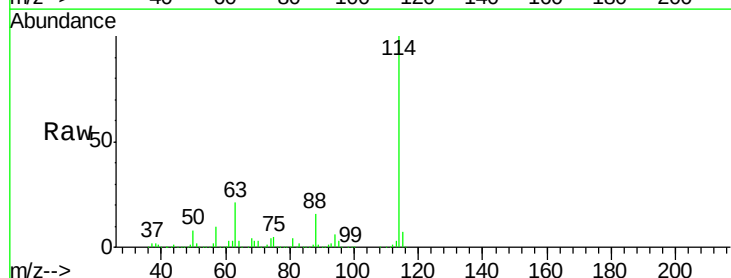
Instrument :
 MSVOA_W
 ClientSampleId :
 CTY-SB-03-1-2

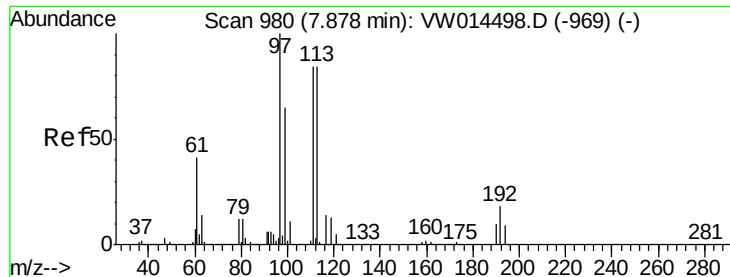
Tot Ion: 65 Resp: 316096
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014730.D
 Acq: 23 Jan 2020 17:55

Tgt Ion: 114 Resp: 848505
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.4
 88 16.1 0.0 30.6

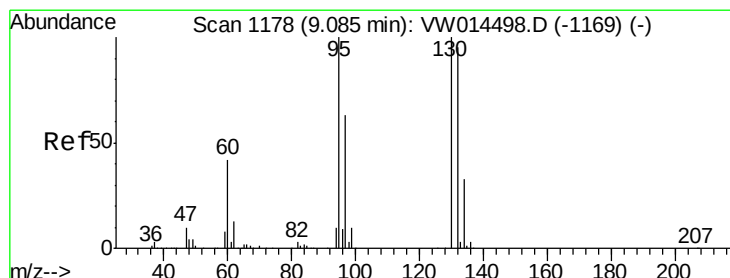
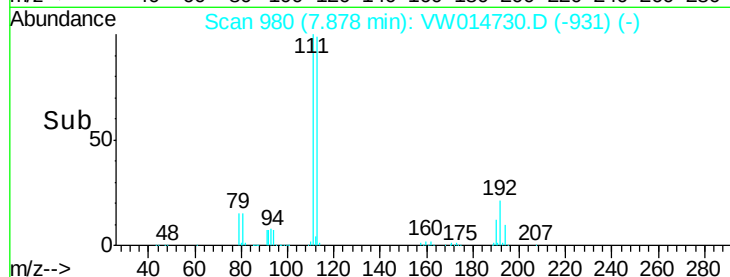
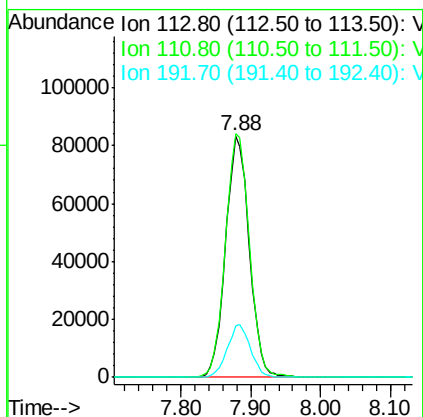
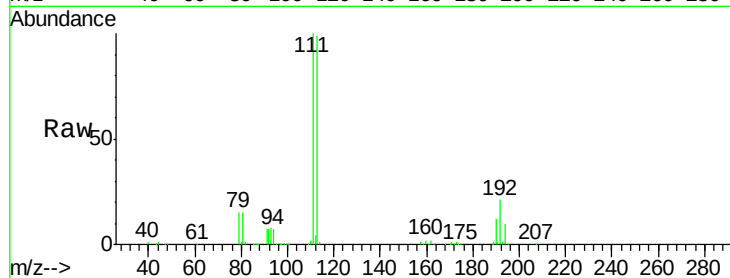




#35
Dibromofluoromethane
Concen: 40.325 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW014730.D
Acq: 23 Jan 2020 17:55

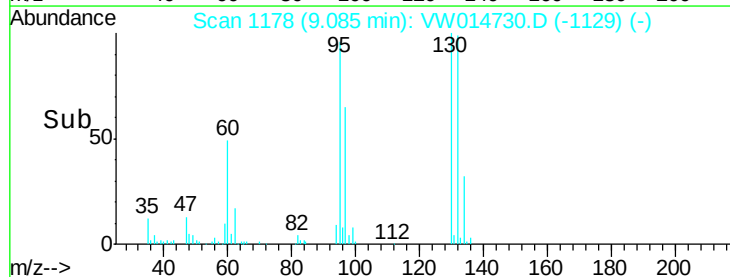
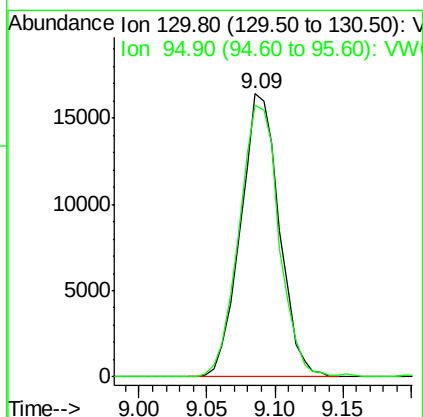
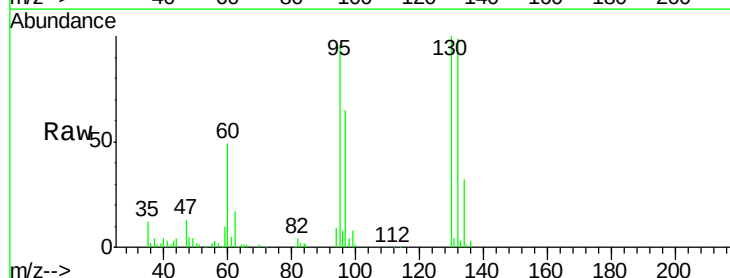
Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-03-1-2

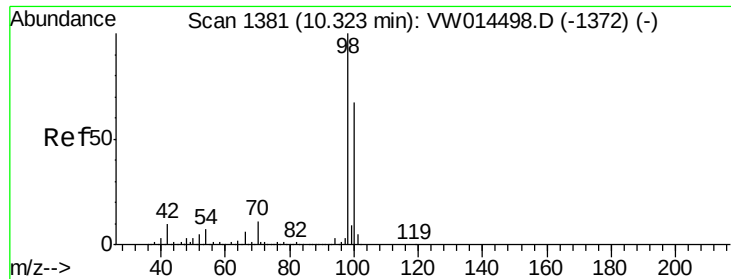
Tot Ion:113 Resp: 195551
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.2
192 21.4 17.8 26.8



#44
Trichloroethene
Concen: 5.216 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014730.D
Acq: 23 Jan 2020 17:55

Tgt Ion:130 Resp: 32667
Ion Ratio Lower Upper
130 100
95 96.0 0.0 199.4

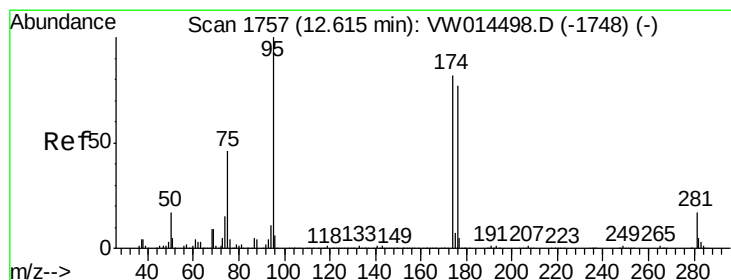
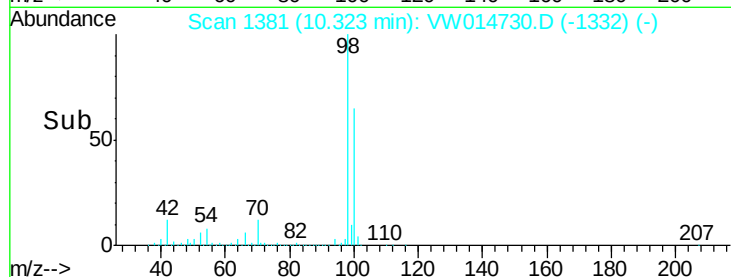
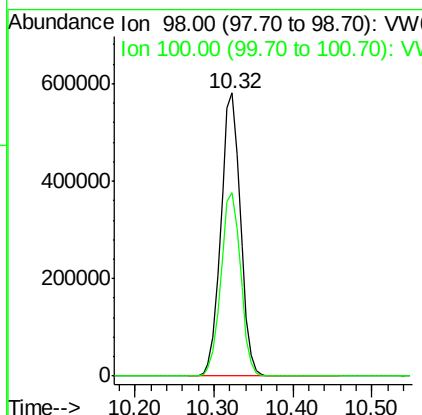
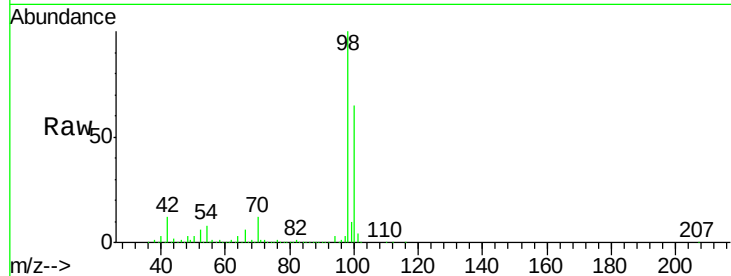




#50
Toluene-d8
Concen: 49.581 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014730.D
Acq: 23 Jan 2020 17:55

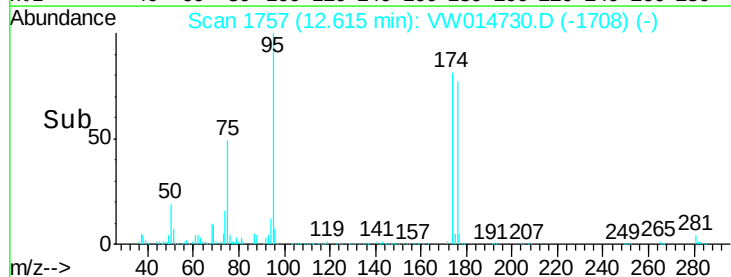
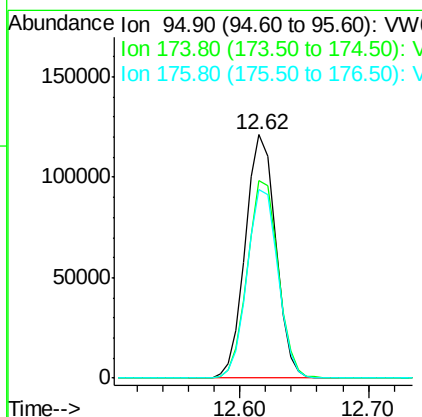
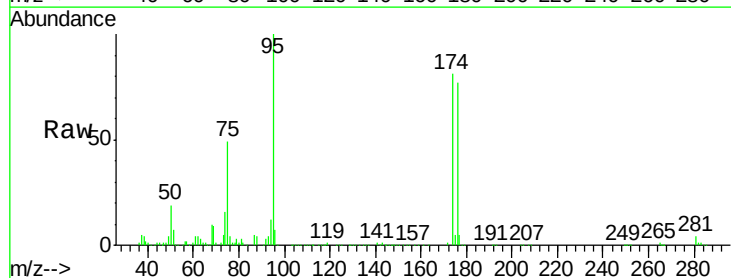
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MSVOA_W
ClientSampleId :
CTY-SB-03-1-2

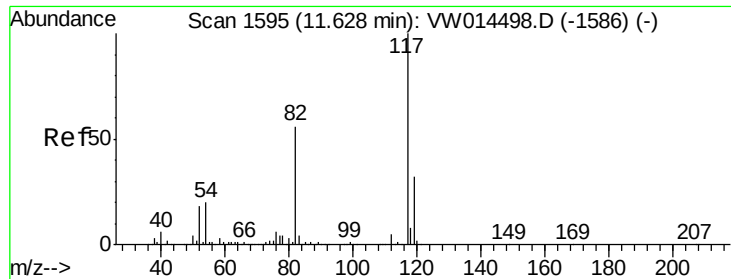
Tot Ion: 98 Resp: 1003393
Ion Ratio Lower Upper
98 100
100 65.4 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 28.783 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014730.D
Acq: 23 Jan 2020 17:55

Tgt Ion: 95 Resp: 197579
Ion Ratio Lower Upper
95 100
174 82.4 0.0 168.6
176 78.7 0.0 162.0

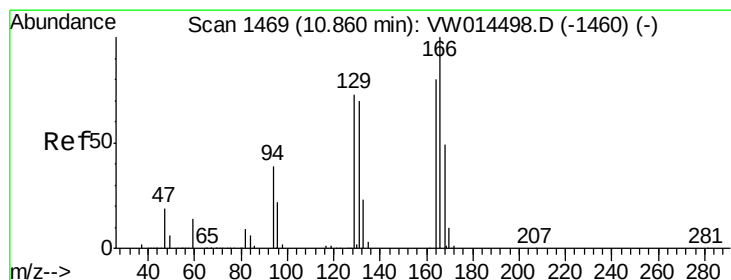
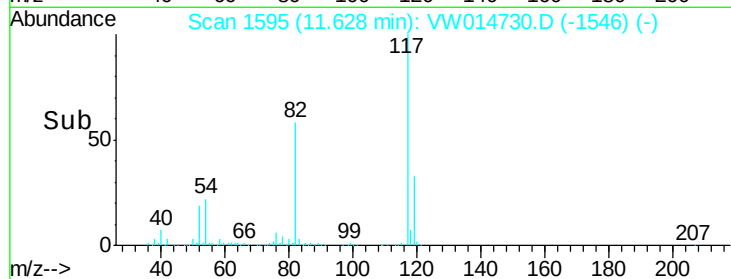
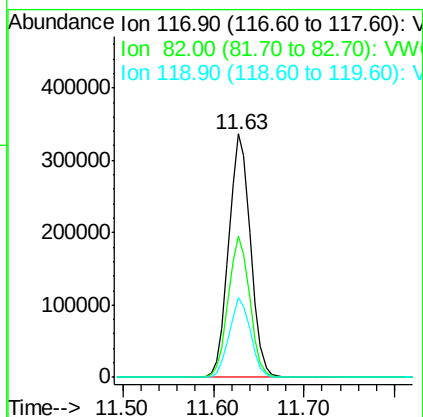
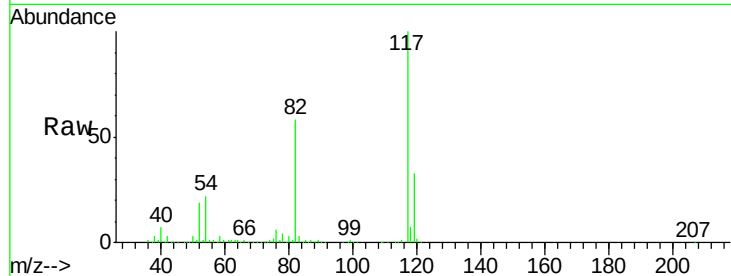




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014730.D
Acq: 23 Jan 2020 17:55

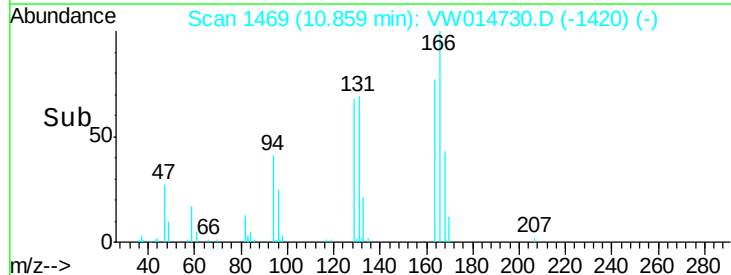
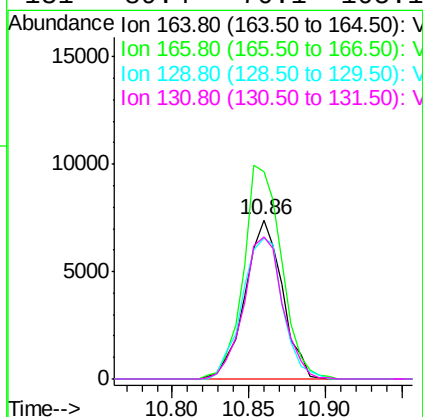
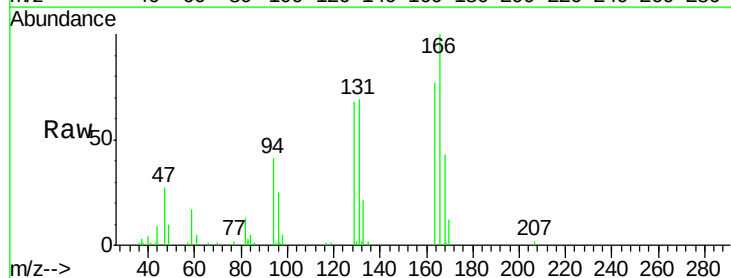
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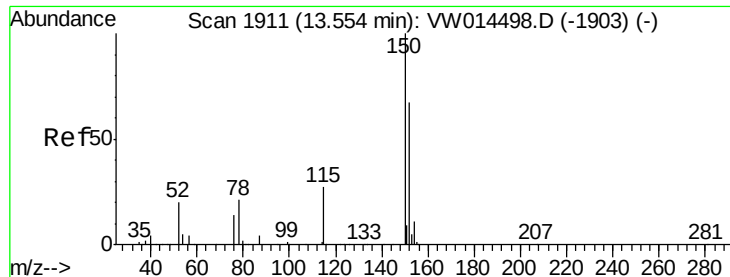
Tot Ion:117 Resp: 561109
Ion Ratio Lower Upper
117 100
82 57.9 44.6 67.0
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 3.078 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014730.D
Acq: 23 Jan 2020 17:55

Tgt Ion:164 Resp: 12505
Ion Ratio Lower Upper
164 100
166 129.9 99.8 149.6
129 88.7 72.4 108.6
131 89.4 70.1 105.1

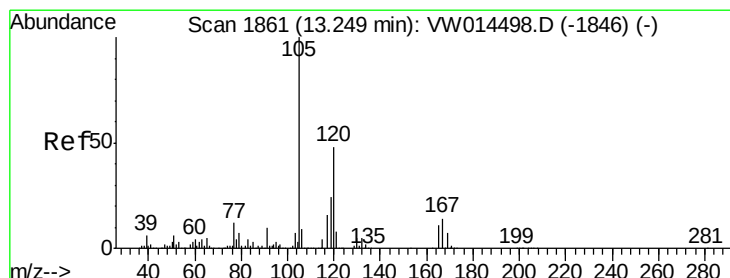
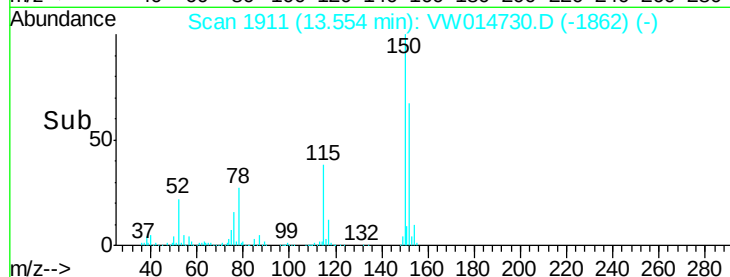
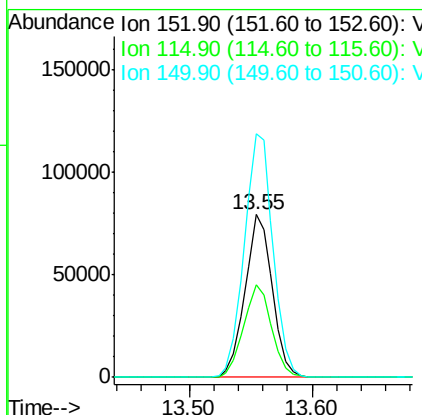
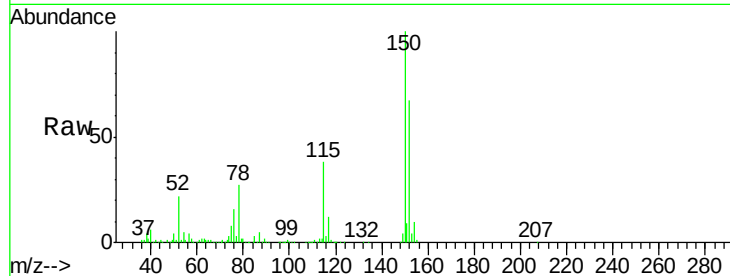




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: VW014730.D
 Acq: 23 Jan 2020 17:55

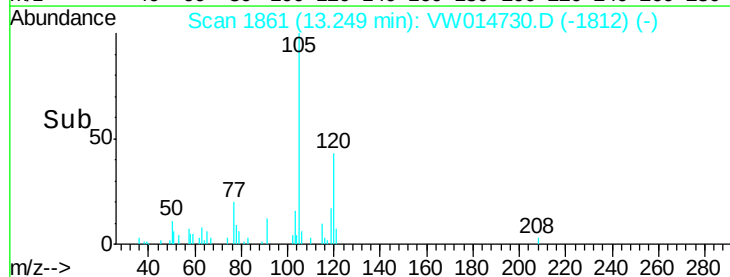
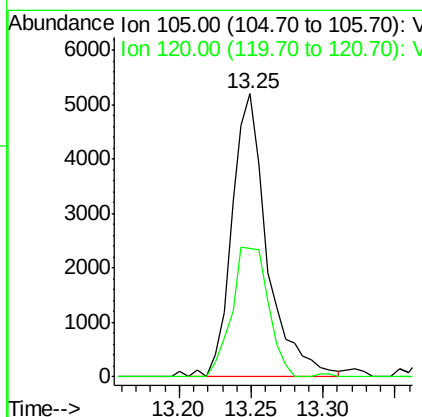
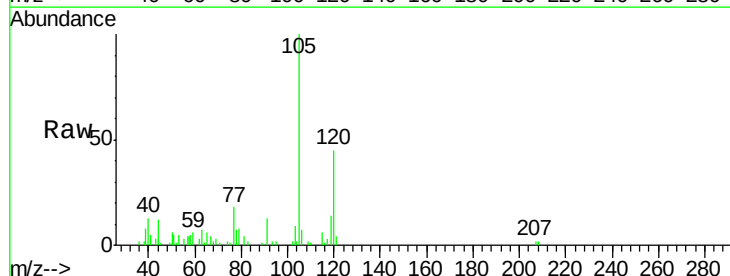
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 MSVOA_W
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 CTY-SB-03-1-2

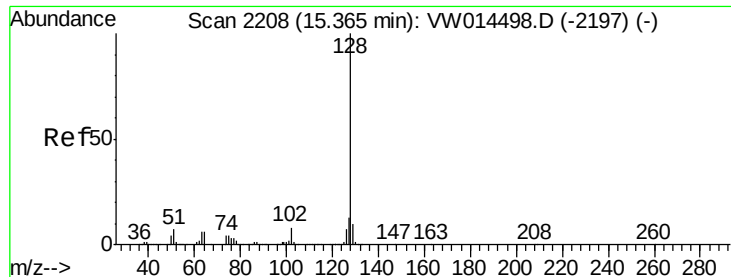
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	27.7	83.1
150	157.3	0.0	343.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.178 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014730.D
 Acq: 23 Jan 2020 17:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.0





#95

Naphthalene

Concen: 1.126 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW014730.D

Acq: 23 Jan 2020 17:55

Instrument :

MSVOA_W

ClientSampleId :

CTY-SB-03-1-2

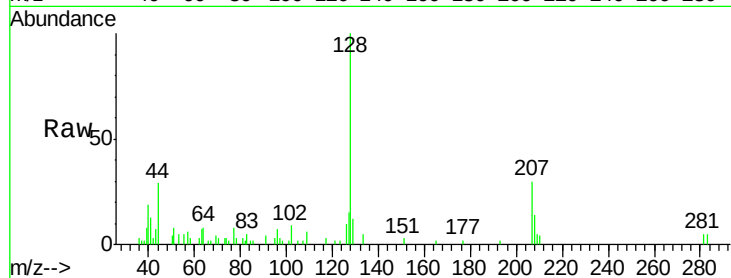
Tot Ion:128 Resp: 4651

Ion Ratio Lower Upper

128 100

127 19.3 10.6 15.8#

129 14.3 8.7 13.1#



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

