

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014731.D
 Acq On : 23 Jan 2020 18:21
 Operator : SY/VA
 Sample : L1243-06
 Misc : 6.26G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CTY-SB-02-1-2

Quant Time: Jan 24 05:52:48 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

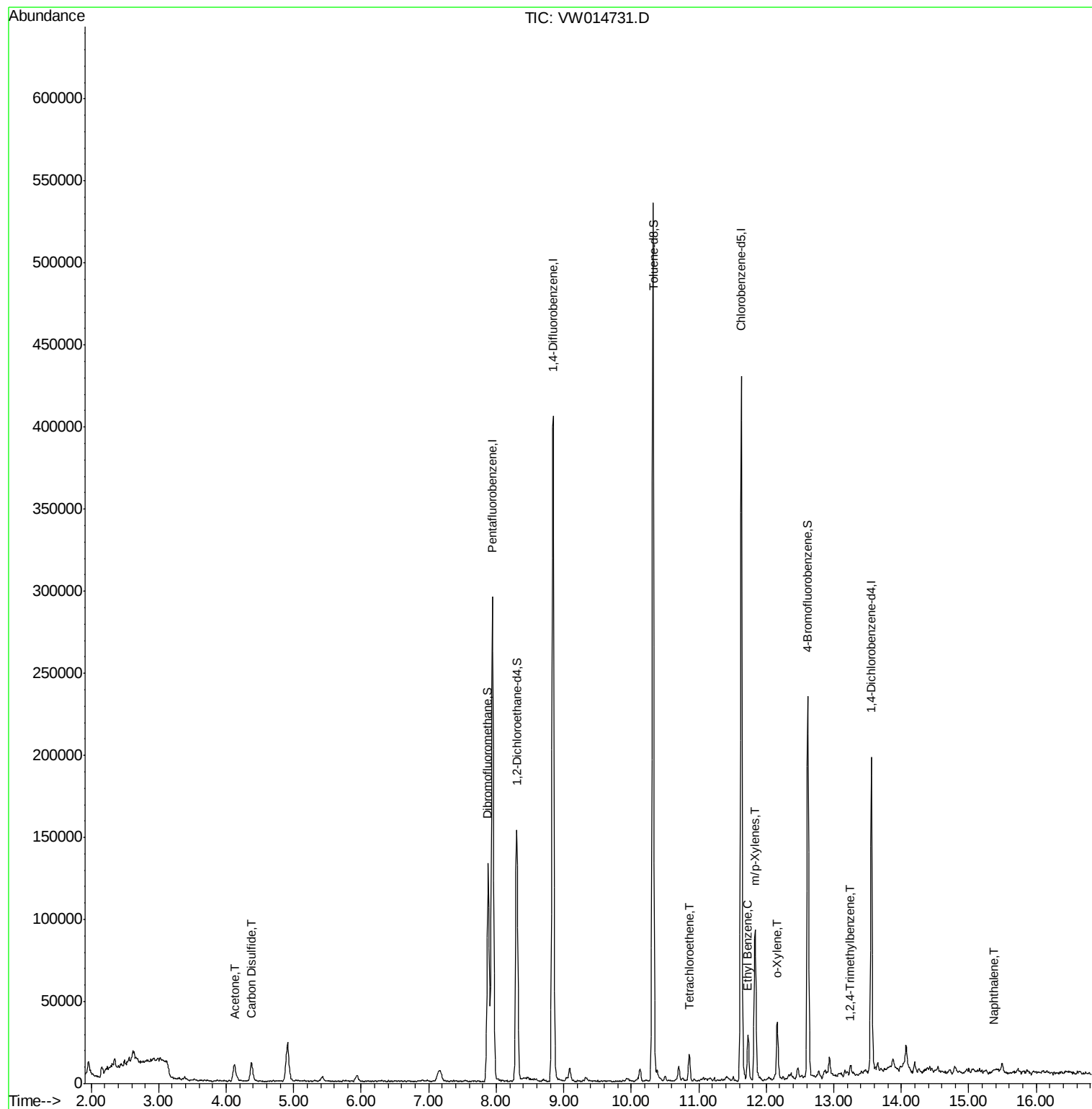
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	52447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	121182	59.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.00%	
35) Dibromofluoromethane	7.88	113	95520	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.32	98	361177	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
62) 4-Bromofluorobenzene	12.62	95	75215	26.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.70%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	21083	36.663	ug/l	98
17) Carbon Disulfide	4.37	76	22308	3.193	ug/l	99
64) Tetrachloroethene	10.86	164	3527	1.979	ug/l	86
67) Ethyl Benzene	11.73	91	19267	2.120	ug/l	95
68) m/p-Xylenes	11.83	106	27474	7.897	ug/l	100
69) o-Xylene	12.16	106	8314	2.587	ug/l	85
84) 1,2,4-Trimethylbenzene	13.24	105	4480	1.393	ug/l	95
95) Naphthalene	15.36	128	2030	1.154	ug/l	96

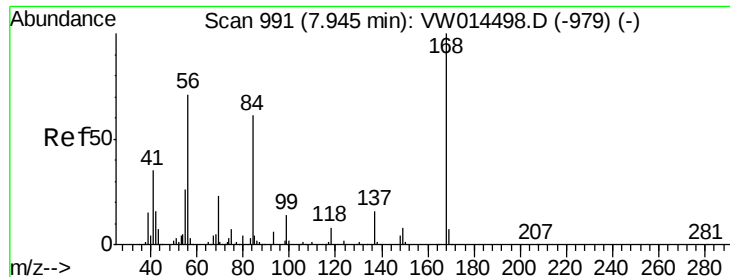
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CTY-SB-02-1-2

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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: VW014731.D

Acq: 23 Jan 2020 18:21

Instrument :

MSVOA_W

ClientSampleId :

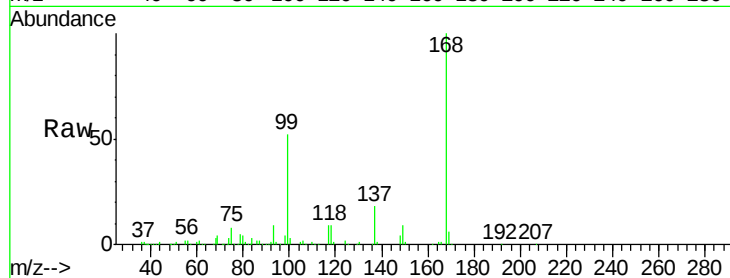
CTY-SB-02-1-2

Tot Ion:168 Resp: 232928

Ion Ratio Lower Upper

168 100

99 52.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

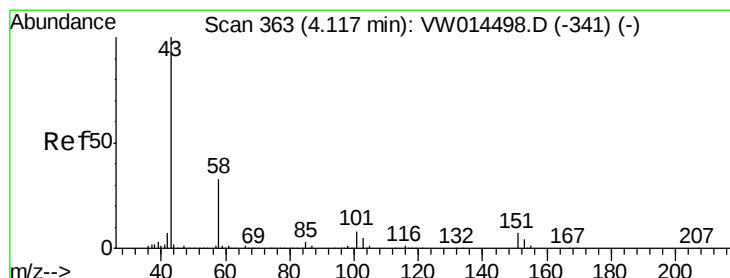
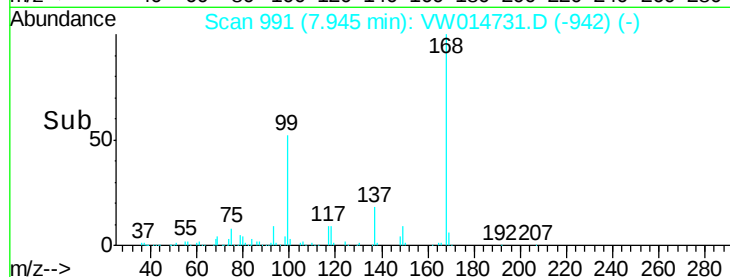
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 36.663 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014731.D

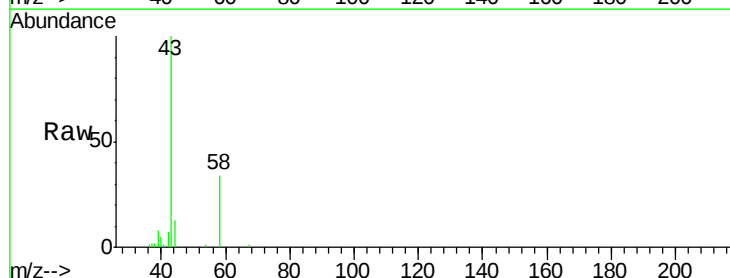
Acq: 23 Jan 2020 18:21

Tgt Ion: 43 Resp: 21083

Ion Ratio Lower Upper

43 100

58 34.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

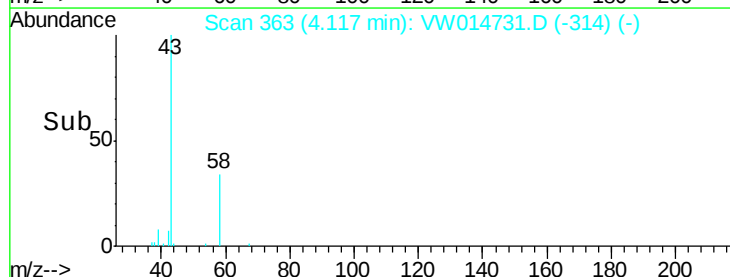
6000

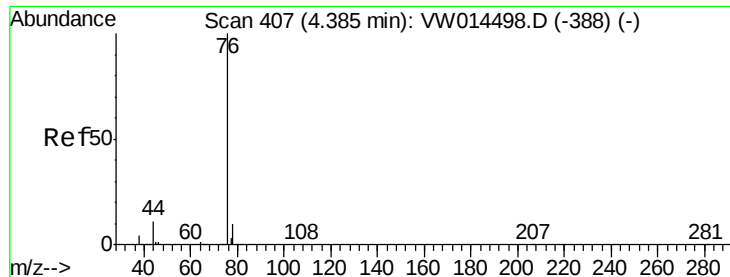
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 3.193 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW014731.D

Acq: 23 Jan 2020 18:21

Instrument :

MSVOA_W

ClientSampleId :

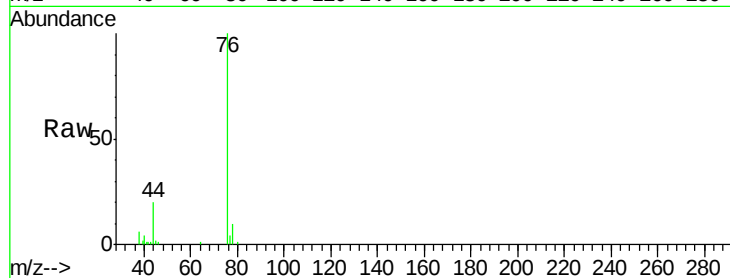
CTY-SB-02-1-2

Tot Ion: 76 Resp: 22308

Ion Ratio Lower Upper

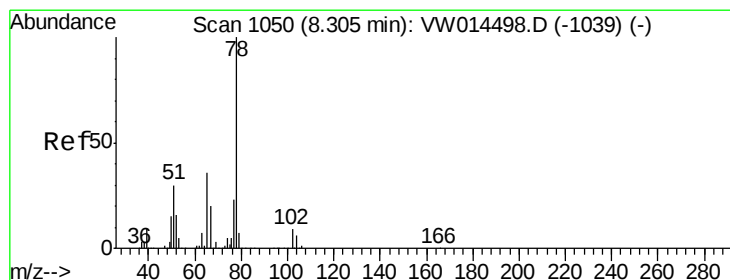
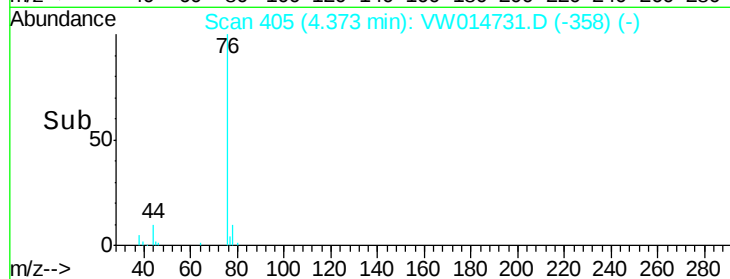
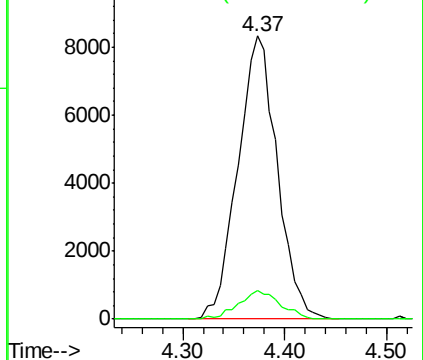
76 100

78 10.1 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 59.504 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014731.D

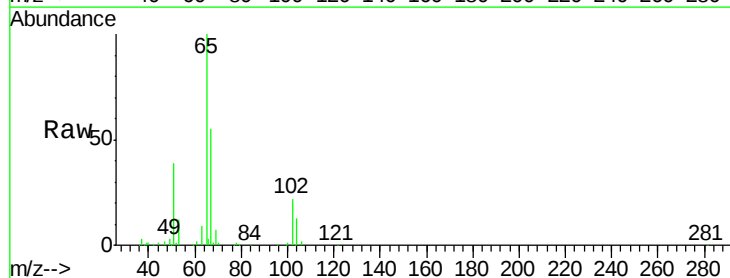
Acq: 23 Jan 2020 18:21

Tgt Ion: 65 Resp: 121182

Ion Ratio Lower Upper

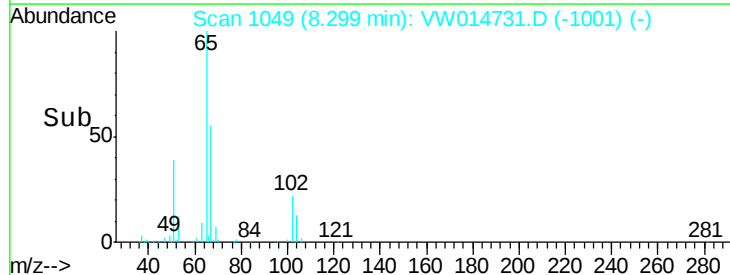
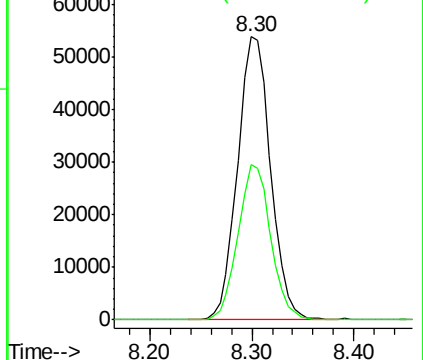
65 100

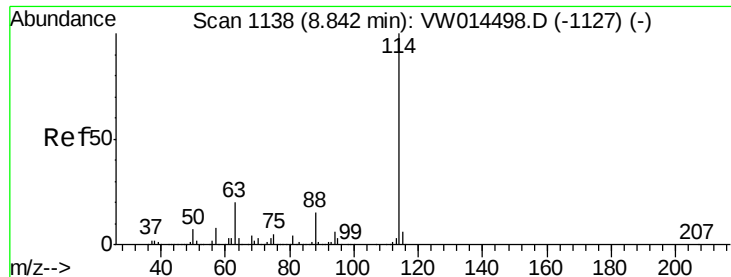
67 54.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014731.D

Acq: 23 Jan 2020 18:21

Instrument :

MSVOA_W

ClientSampleId :

CTY-SB-02-1-2

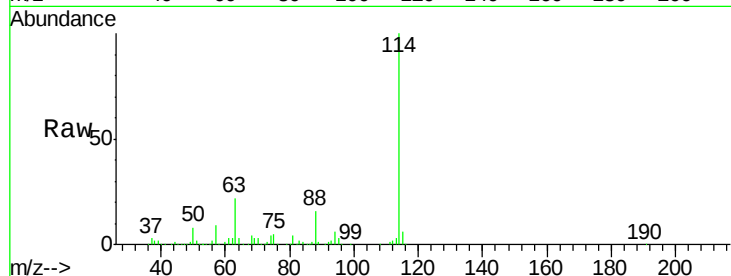
Tot Ion:114 Resp: 346247

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.4

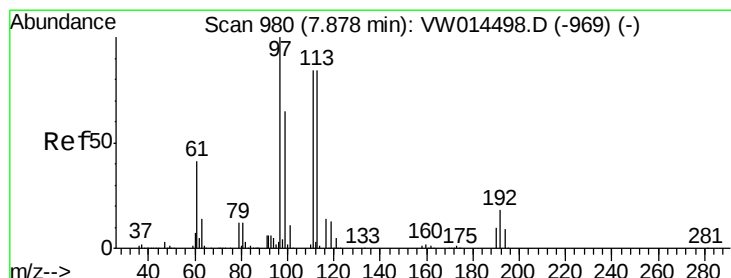
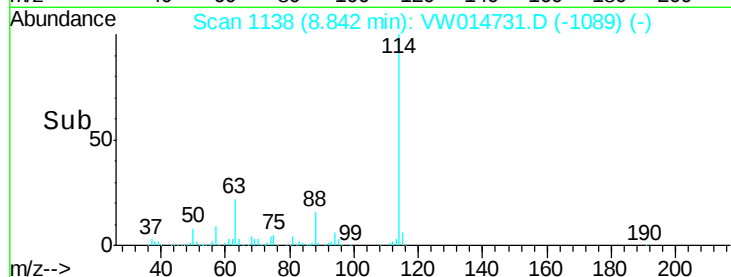
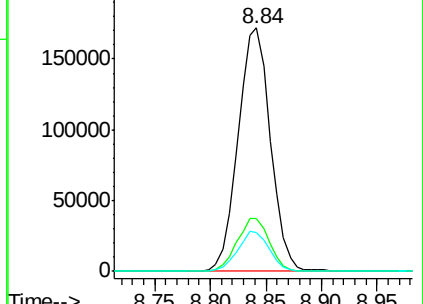
88 16.1 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 48.270 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014731.D

Acq: 23 Jan 2020 18:21

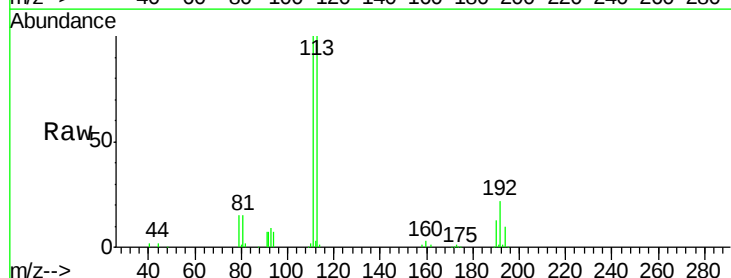
Tgt Ion:113 Resp: 95520

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.2

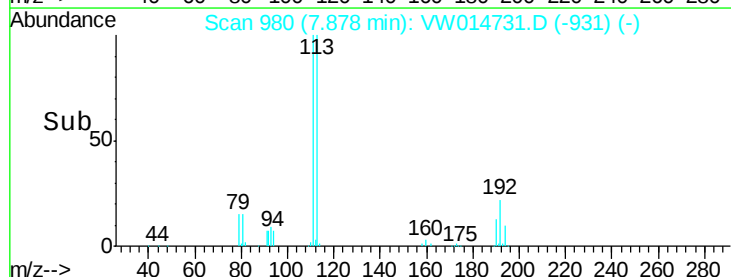
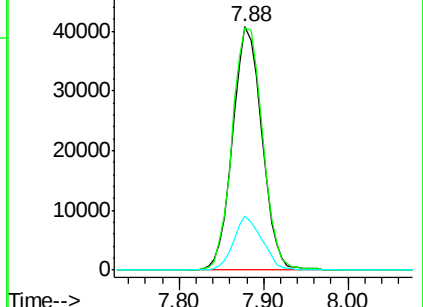
192 21.4 17.8 26.8

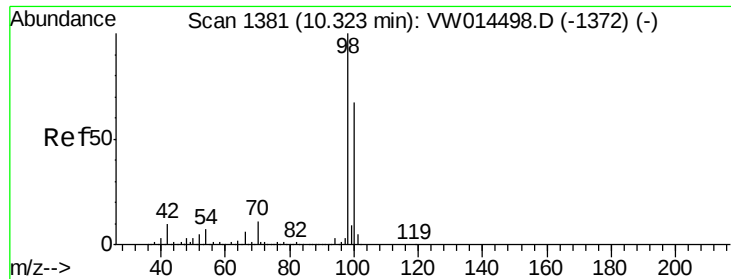


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.735 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014731.D

Acq: 23 Jan 2020 18:21

Instrument :

MSVOA_W

ClientSampleId :

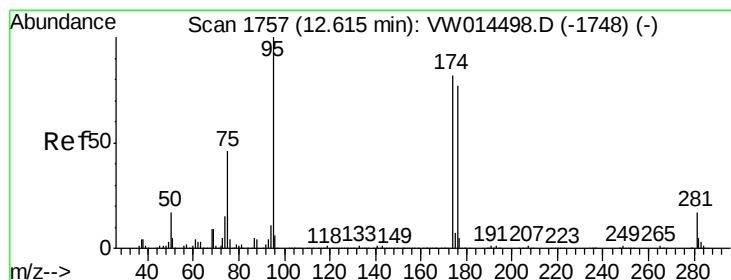
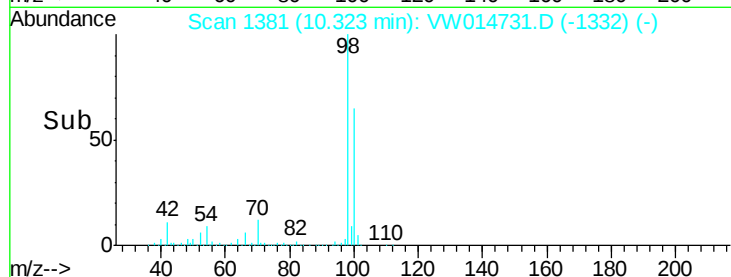
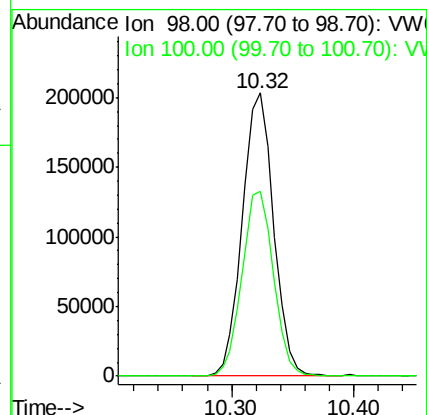
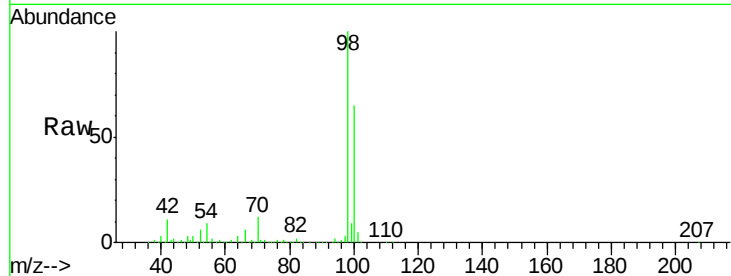
CTY-SB-02-1-2

Tot Ion: 98 Resp: 361177

Ion Ratio Lower Upper

98 100

100 65.9 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 26.852 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014731.D

Acq: 23 Jan 2020 18:21

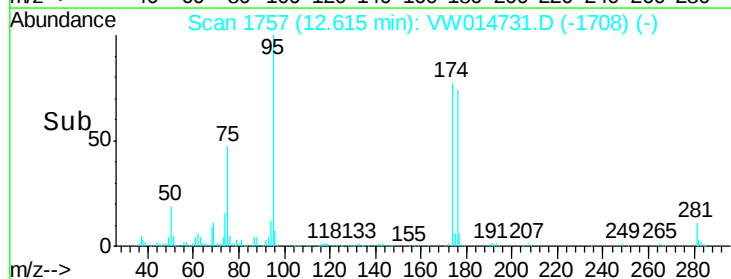
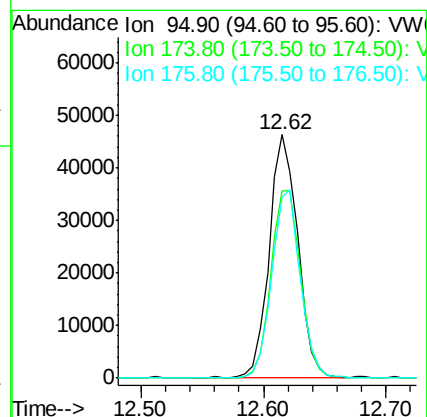
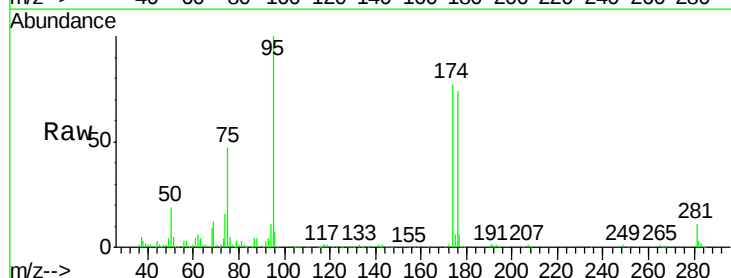
Tgt Ion: 95 Resp: 75215

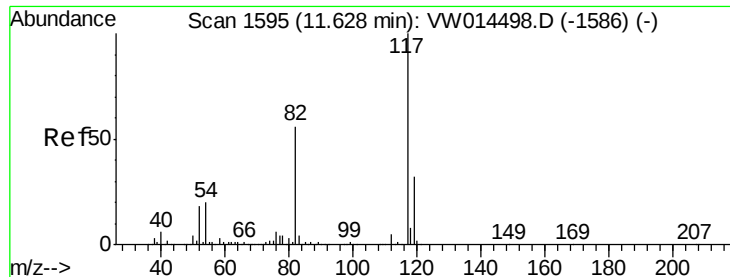
Ion Ratio Lower Upper

95 100

174 80.5 0.0 168.6

176 76.8 0.0 162.0

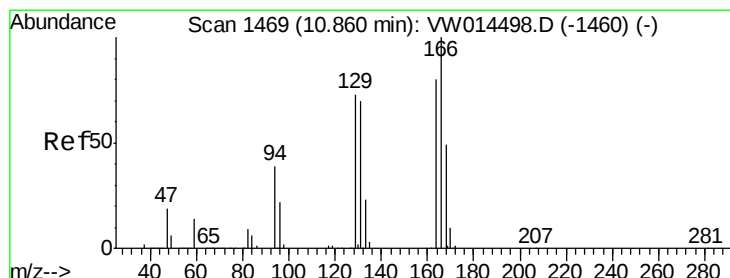
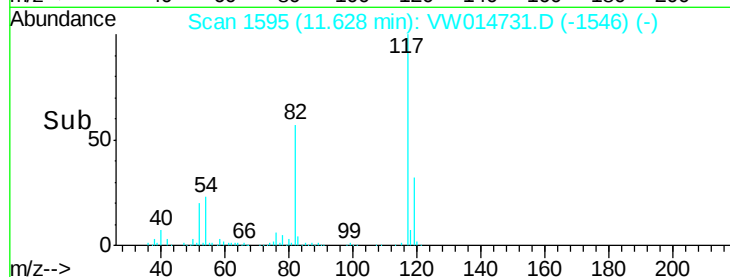
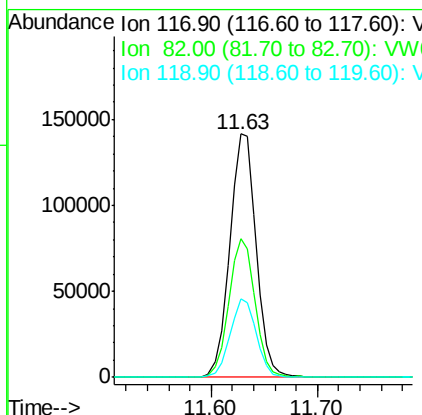
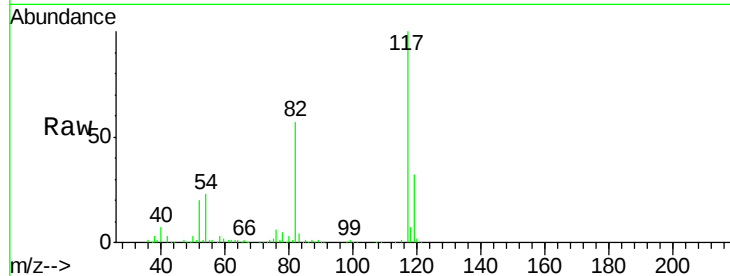




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014731.D
Acq: 23 Jan 2020 18:21

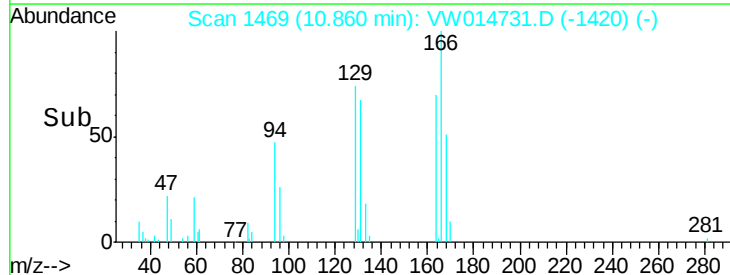
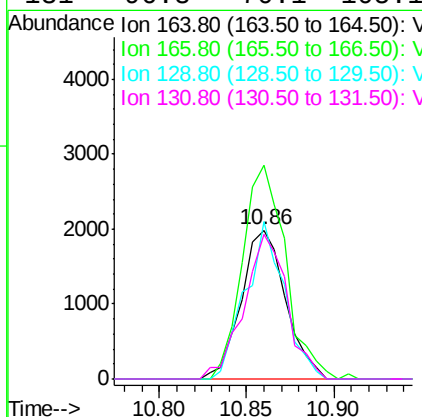
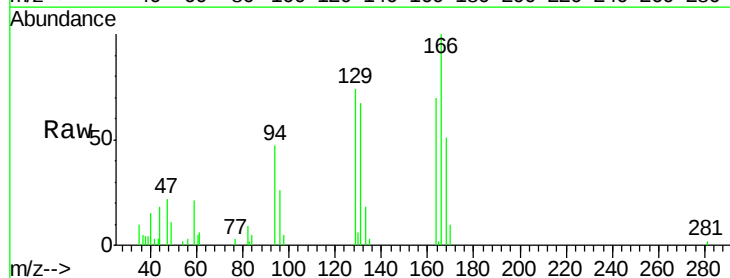
Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-02-1-2

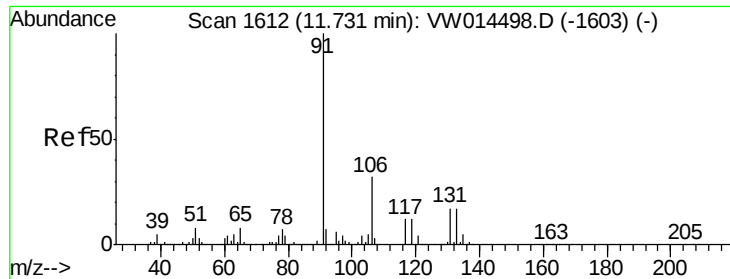
Tot Ion:117 Resp: 246202
Ion Ratio Lower Upper
117 100
82 57.0 44.6 67.0
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 1.979 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014731.D
Acq: 23 Jan 2020 18:21

Tgt Ion:164 Resp: 3527
Ion Ratio Lower Upper
164 100
166 143.5 99.8 149.6
129 105.8 72.4 108.6
131 96.8 70.1 105.1

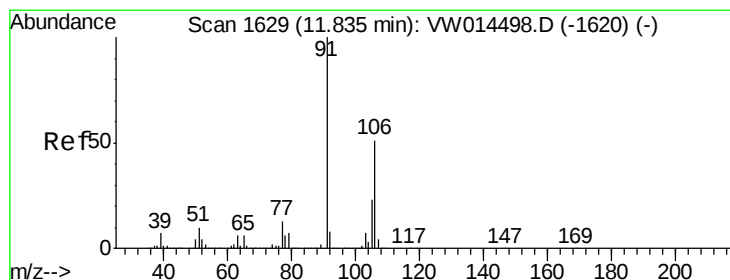
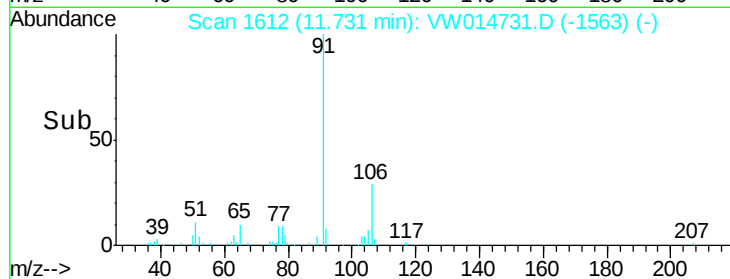
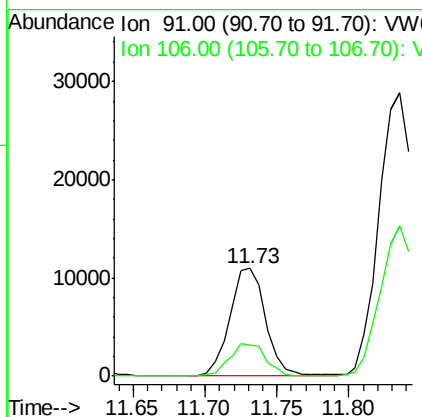
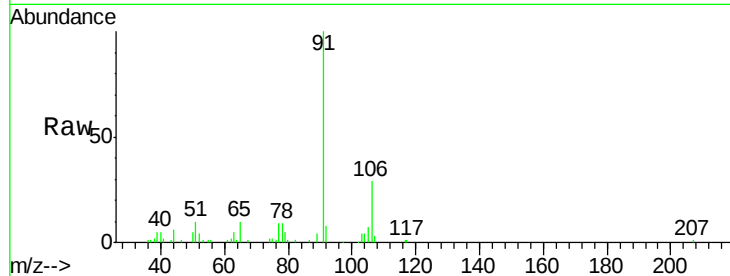




#67
Ethyl Benzene
Concen: 2.120 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014731.D
Acq: 23 Jan 2020 18:21

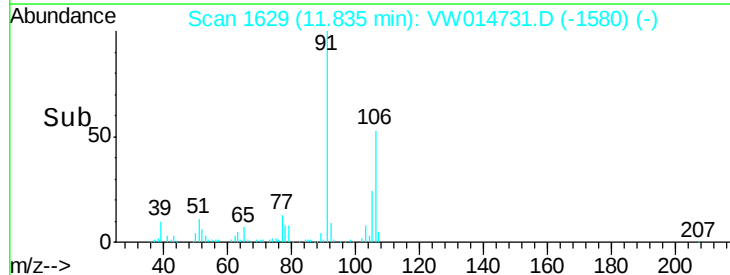
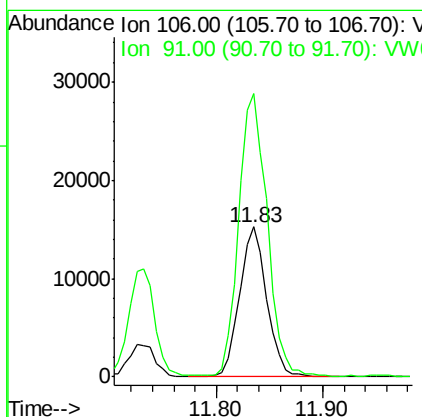
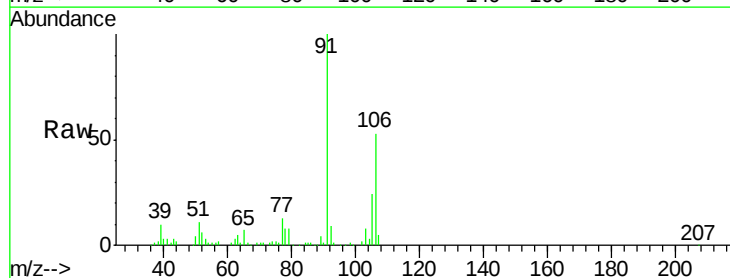
Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-02-1-2

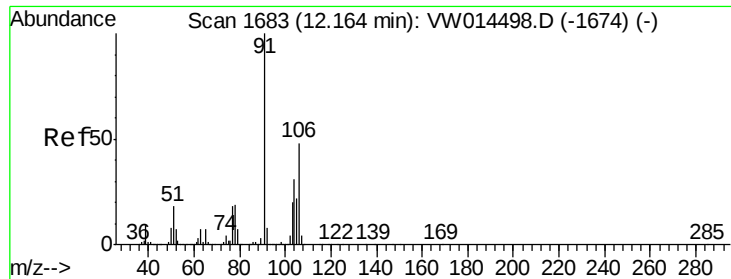
Tot Ion: 91 Resp: 19267
Ion Ratio Lower Upper
91 100
106 29.3 25.5 38.3



#68
m/p-Xylenes
Concen: 7.897 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014731.D
Acq: 23 Jan 2020 18:21

Tgt Ion: 106 Resp: 27474
Ion Ratio Lower Upper
106 100
91 198.3 159.0 238.6

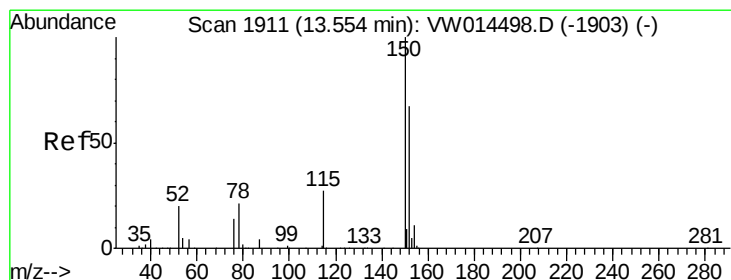
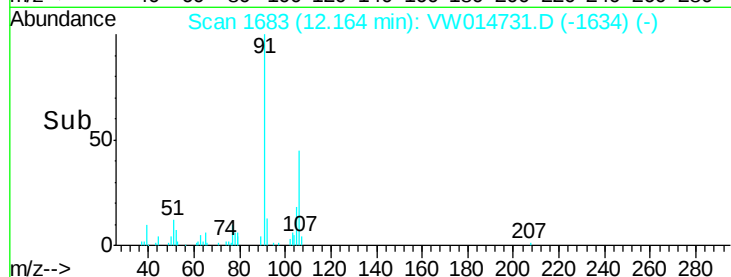
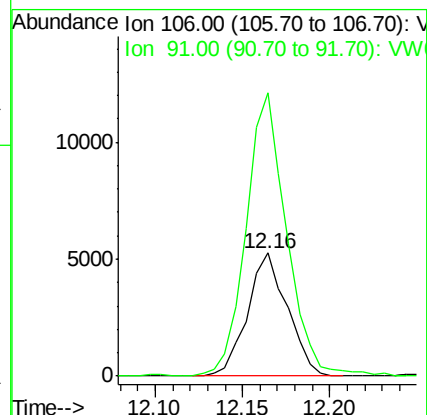
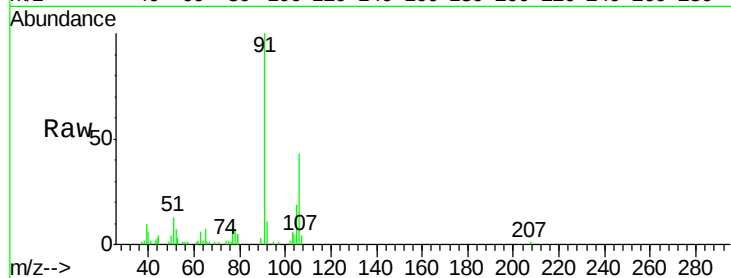




#69
o-Xylene
Concen: 2.587 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014731.D
Acq: 23 Jan 2020 18:21

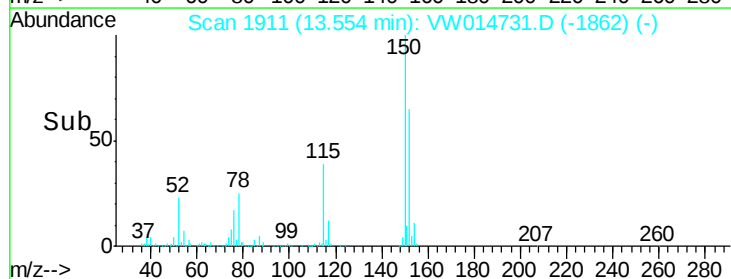
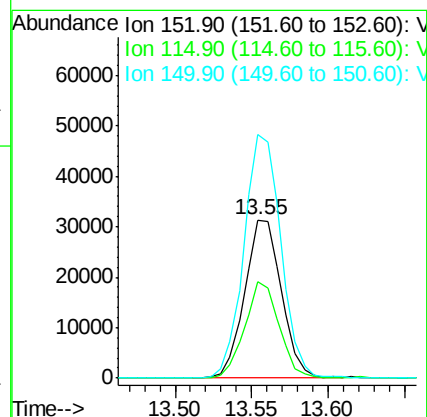
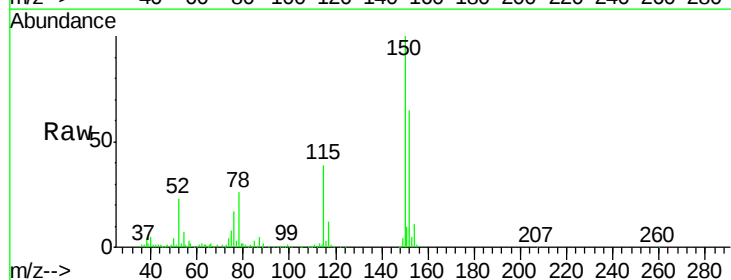
Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-02-1-2

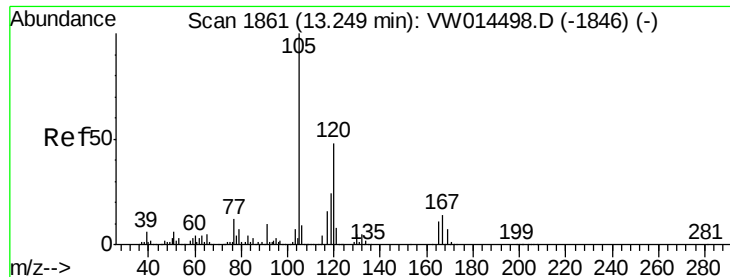
Tot Ion:106 Resp: 8314
Ion Ratio Lower Upper
106 100
91 234.0 105.2 315.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014731.D
Acq: 23 Jan 2020 18:21

Tgt Ion:152 Resp: 52447
Ion Ratio Lower Upper
152 100
115 57.2 27.7 83.1
150 154.8 0.0 343.4

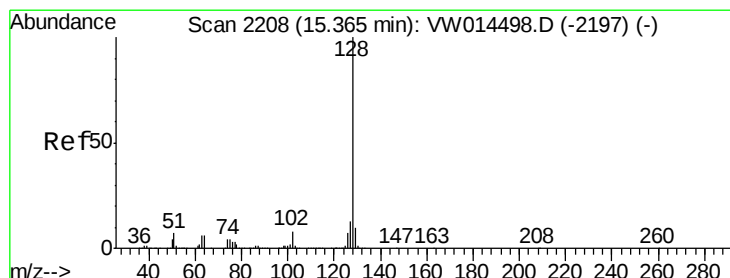
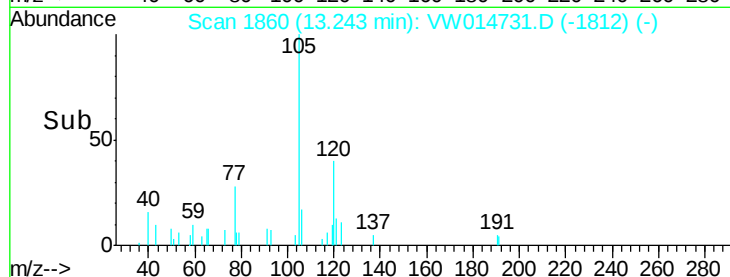
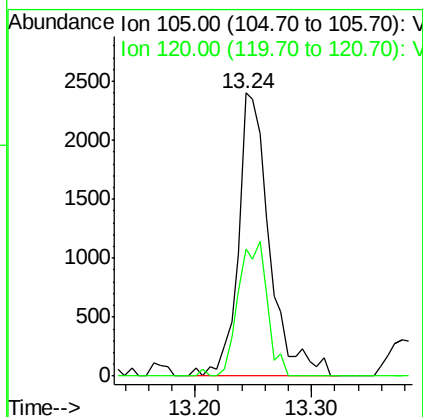
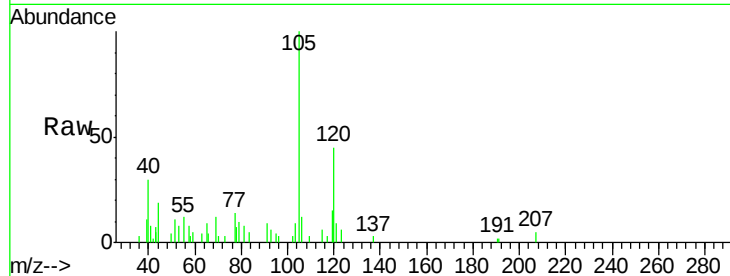




#84
1,2,4-Trimethylbenzene
Concen: 1.393 ug/l
RT: 13.24 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VW014731.D
Acq: 23 Jan 2020 18:21

Instrument :
MSVOA_W
ClientSampled :
CTY-SB-02-1-2

Tot Ion:105 Resp: 4480
Ion Ratio Lower Upper
105 100
120 43.6 23.4 70.0



#95
Naphthalene
Concen: 1.154 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014731.D
Acq: 23 Jan 2020 18:21

Tgt Ion:128 Resp: 2030
Ion Ratio Lower Upper
128 100
127 15.3 10.6 15.8
129 10.4 8.7 13.1

