

Data File : VV014658.D
Acq On : 21 Feb 2020 17:16
Operator : SY/MD
Sample : L1608-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AS0

Quant Time: Feb 21 23:40:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	233847	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	212302	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	101730	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39783	43.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.12%
7) Chloroethane-d5	1.59	69	29640	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.56%
11) 1,1-Dichloroethene-d2	2.13	63	60321	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.86%
21) 2-Butanone-d5	3.95	46	85257	100.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.43%
24) Chloroform-d	4.40	84	138926	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.08	65	93092	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.10	84	278913	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
36) 1,2-Dichloropropane-d6	6.11	67	82613	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.36	98	258962	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%
43) trans-1,3-Dichloropropene-	7.66	79	42813	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.28%
47) 2-Hexanone-d5	8.13	63	64915	98.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.85%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	114181	50.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.58%
64) 1,2-Dichlorobenzene-d4	11.67	152	100440	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%

Target Compounds

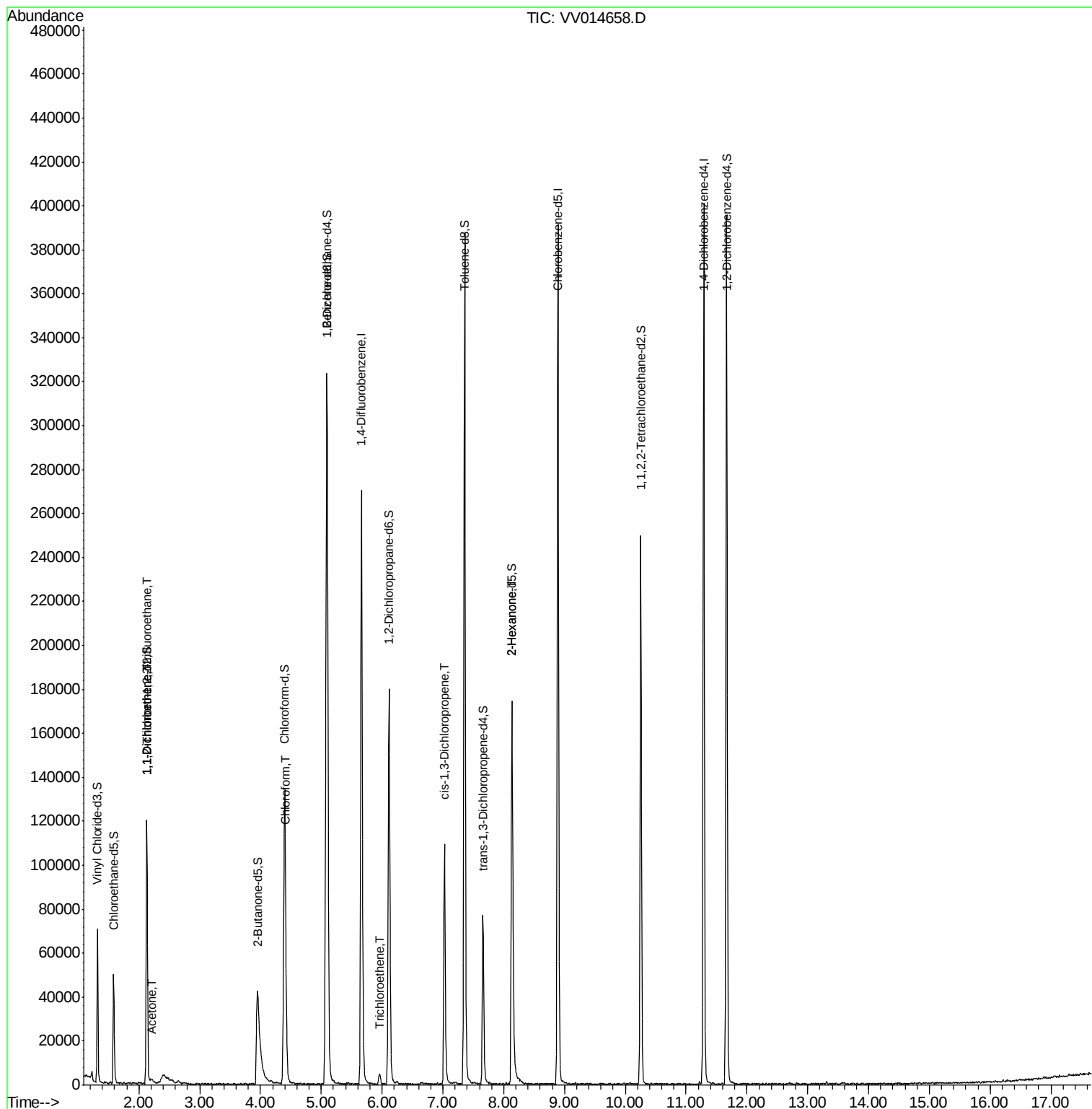
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	718	0.907	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	633	0.888	ug/L #	1
13) Acetone	2.21	43	1210	1.605	ug/L	95
25) Chloroform	4.42	83	2416	0.834	ug/L	81
34) Trichloroethene	5.96	95	1188	0.745	ug/L	86
39) cis-1,3-Dichloropropene	7.02	75	2963	1.239	ug/L	83
48) 2-Hexanone	8.13	43	8045	6.183	ug/L #	76

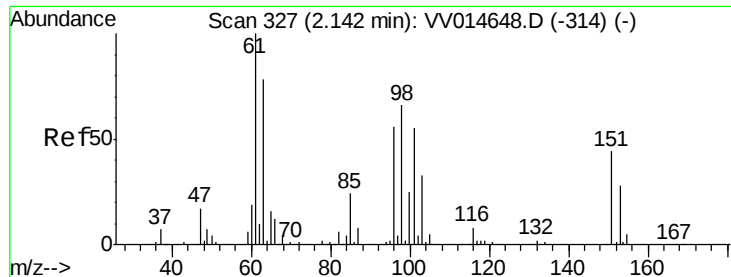
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.907 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

C0AS0

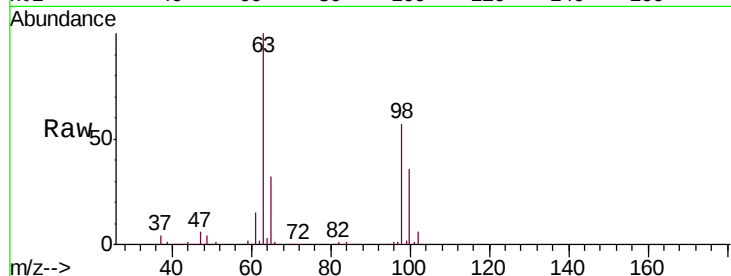
Tgt Ion: 101 Resp: 718

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

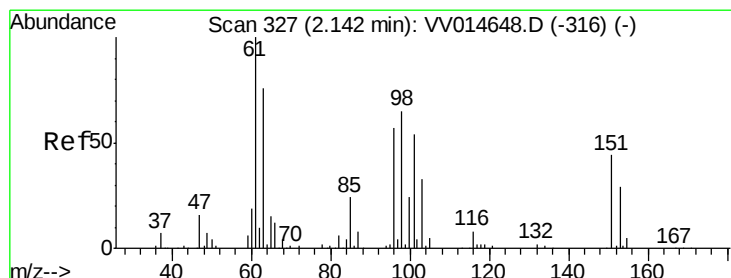
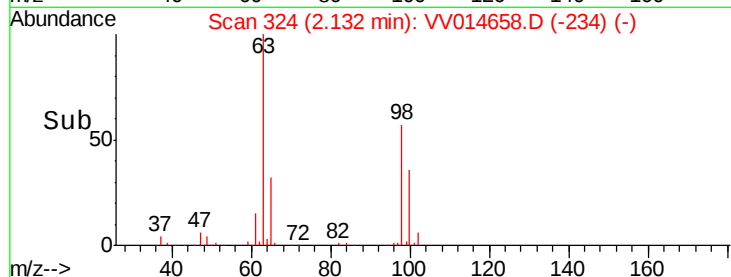
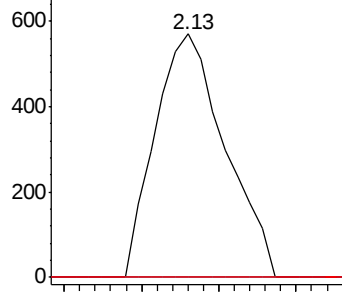
151 0.0 64.6 96.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.888 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014658.D

Acq: 21 Feb 2020 17:16

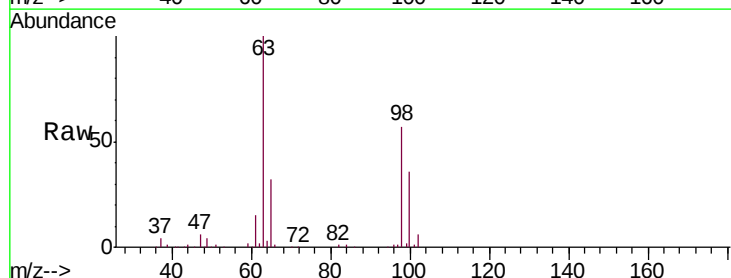
Tgt Ion: 96 Resp: 633

Ion Ratio Lower Upper

96 100

61 1260.3 124.5 231.1#

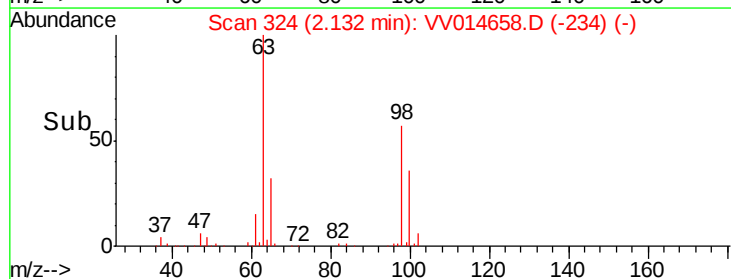
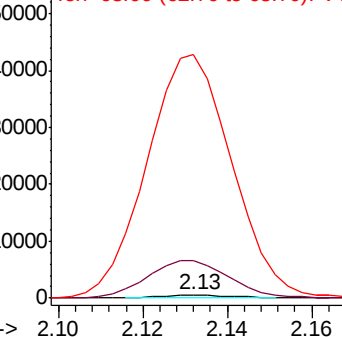
63 8277.0 98.1 182.1#

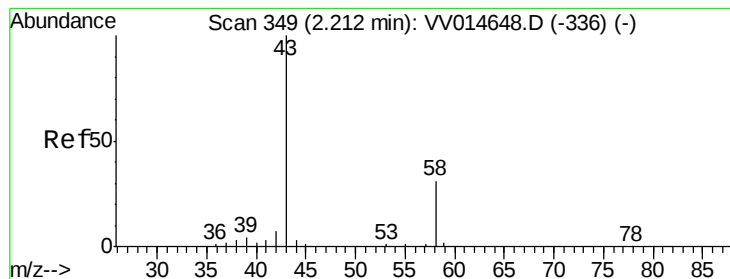


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.605 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

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ClientSampleId :

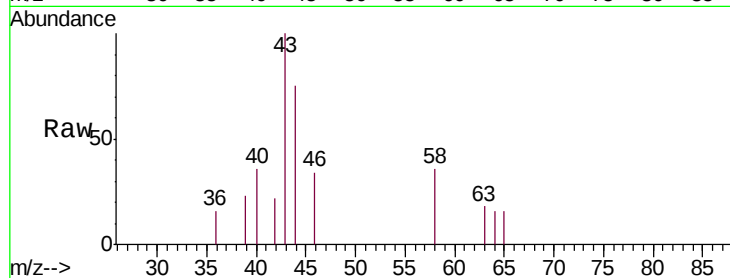
C0AS0

Tgt Ion: 43 Resp: 1210

Ion Ratio Lower Upper

43 100

58 30.8 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VV014648.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VV014648.D (-336) (-)

2.21

600

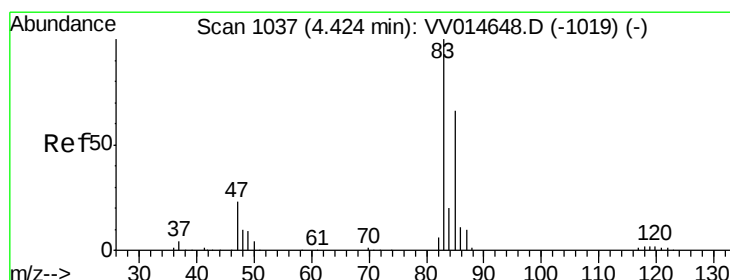
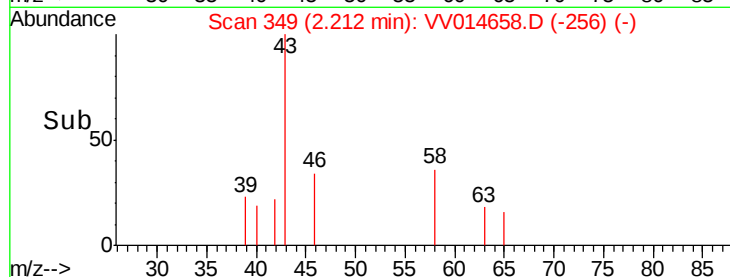
400

200

0

2.18 2.20 2.22 2.24

Time-->



#25

Chloroform

Concen: 0.834 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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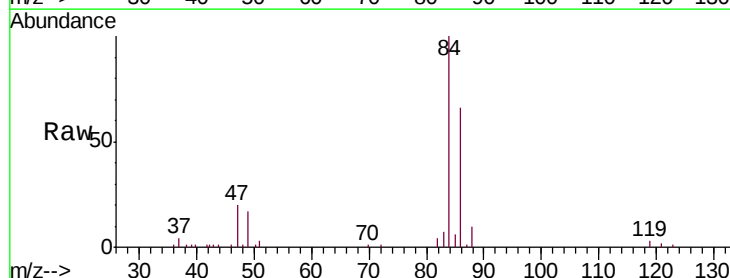
Acq: 21 Feb 2020 17:16

Tgt Ion: 83 Resp: 2416

Ion Ratio Lower Upper

83 100

85 80.6 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV014648.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV014648.D (-1019) (-)

4.42

1500

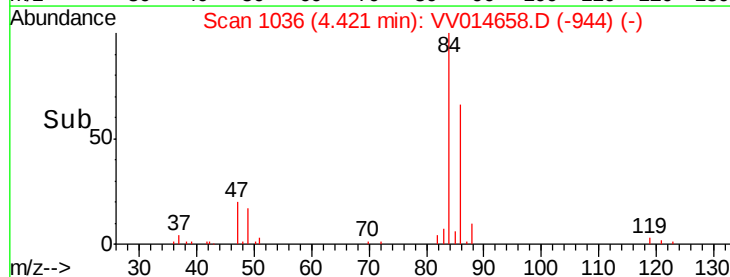
1000

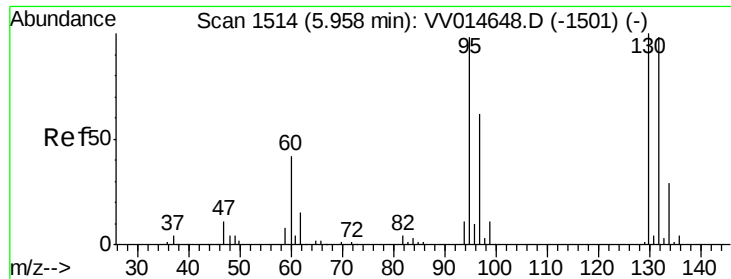
500

0

4.36 4.38 4.40 4.42 4.44

Time-->

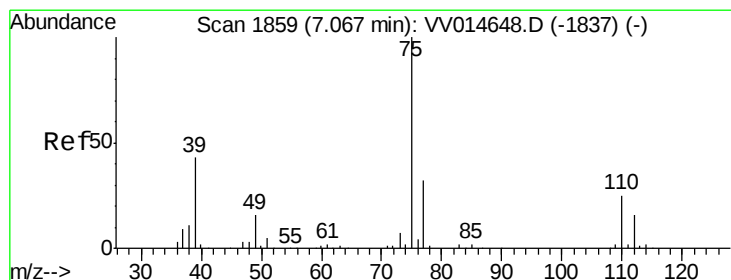
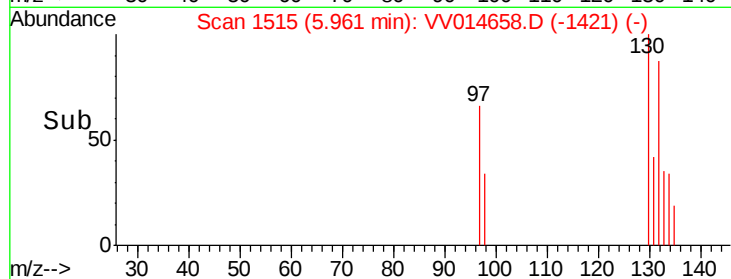
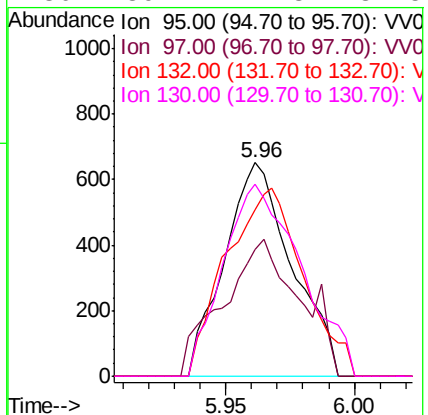
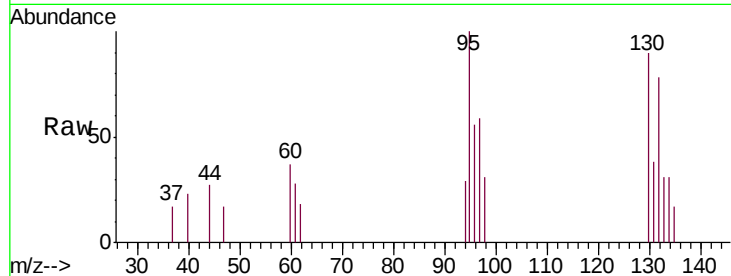




#34
 Trichloroethene
 Concen: 0.745 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV014658.D
 Acq: 21 Feb 2020 17:16

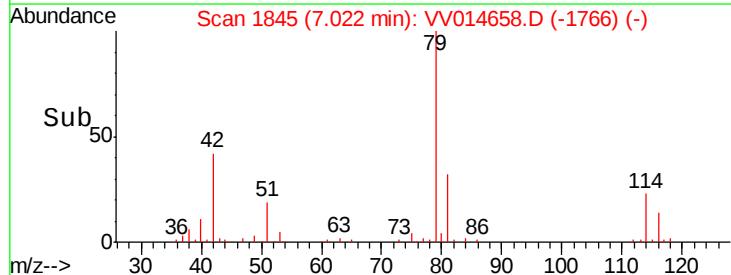
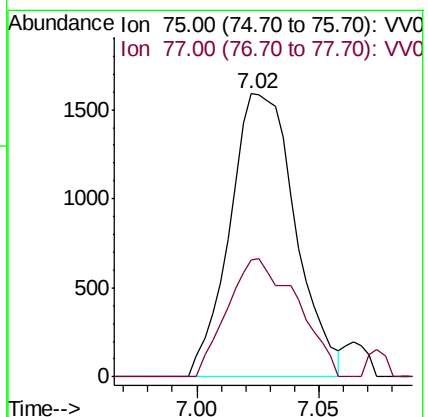
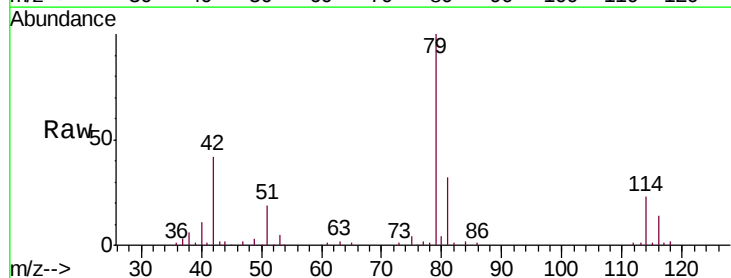
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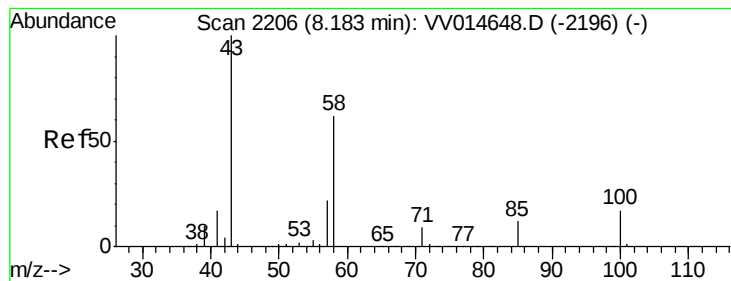
Tgt Ion: 95 Resp: 1188
 Ion Ratio Lower Upper
 95 100
 97 59.4 44.3 82.3
 132 77.9 69.7 129.4
 130 89.7 71.3 132.5



#39
 cis-1,3-Dichloropropene
 Concen: 1.239 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014658.D
 Acq: 21 Feb 2020 17:16

Tgt Ion: 75 Resp: 2963
 Ion Ratio Lower Upper
 75 100
 77 41.5 22.4 41.6





#48
 2-Hexanone
 Concen: 6.183 ug/L
 RT: 8.13 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV014658.D
 Acq: 21 Feb 2020 17:16

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS0

Tgt Ion:	43	Resp:	8045
Ion	Ratio	Lower	Upper
43	100		
58	43.7	49.4	74.2#
57	29.2	17.8	26.8#
100	0.0	13.1	19.7#

