

Data File : VV009883.D
Acq On : 26 Mar 2019 00:23
Operator : SY/MD
Sample : K2084-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7Z5

Quant Time: Mar 26 07:21:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	170723	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65374	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83824	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.18%
7) Chloroethane-d5	1.56	69	94075	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.92%
11) 1,1-Dichloroethene-d2	2.13	63	179843	35.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.00%
21) 2-Butanone-d5	3.93	46	72427	93.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.09%
24) Chloroform-d	4.40	84	109074	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.08	65	76812	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
32) Benzene-d6	5.10	84	234317	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
36) 1,2-Dichloropropane-d6	6.12	67	71998	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.82%
41) Toluene-d8	7.36	98	206868	46.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.96%
43) trans-1,3-Dichloropropene-	7.67	79	26190	41.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.68%
47) 2-Hexanone-d5	8.13	63	54494	95.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.85%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96422	42.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.68%
64) 1,2-Dichlorobenzene-d4	11.68	152	72305	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%

Target Compounds

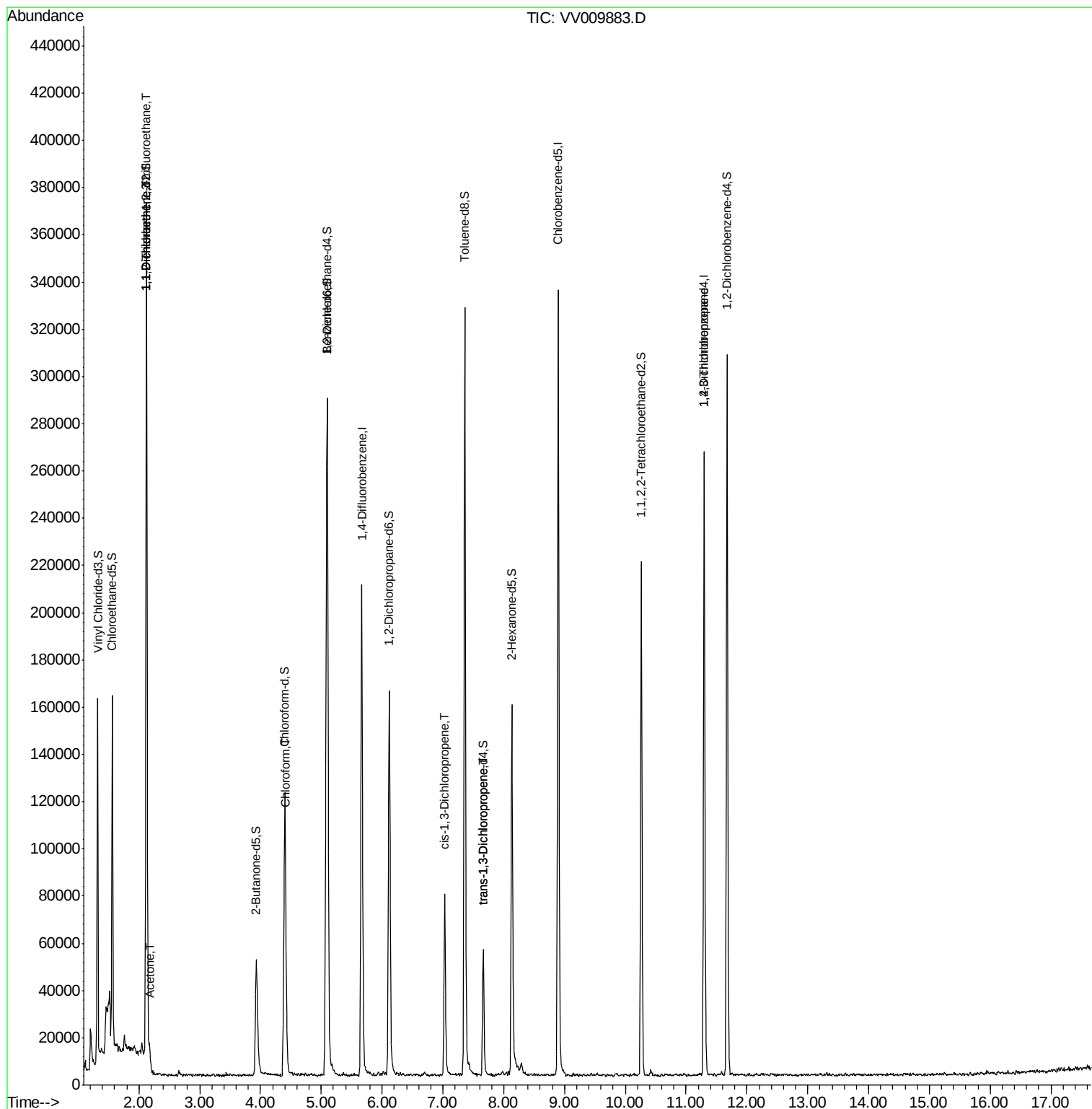
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1843	0.703	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1842	0.794	ug/L #	1
13) Acetone	2.18	43	1989	2.147	ug/L	86
25) Chloroform	4.42	83	1998	0.826	ug/L	94
39) cis-1,3-Dichloropropene	7.03	75	2292	1.280	ug/L	90
44) trans-1,3-Dichloropropene	7.66	75	1432	0.860	ug/L	92
59) 1,2,3-Trichloropropane	11.29	75	9892	5.893	ug/L	90

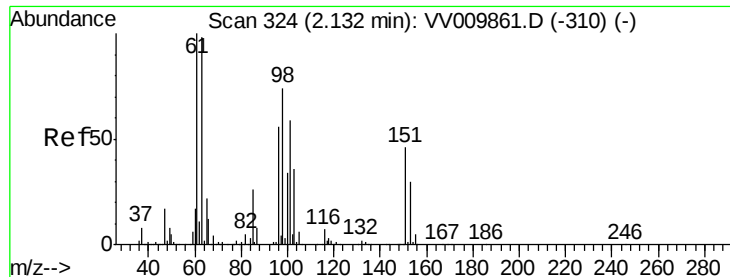
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.703 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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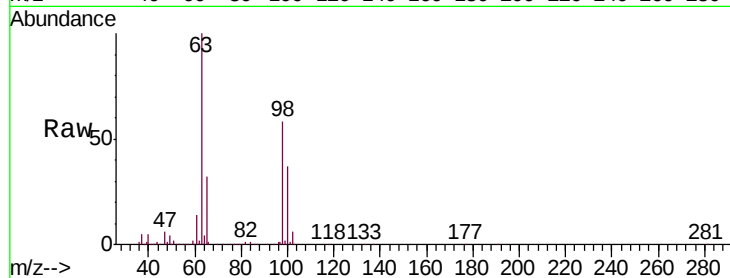
Tgt Ion: 101 Resp: 1843

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.4#

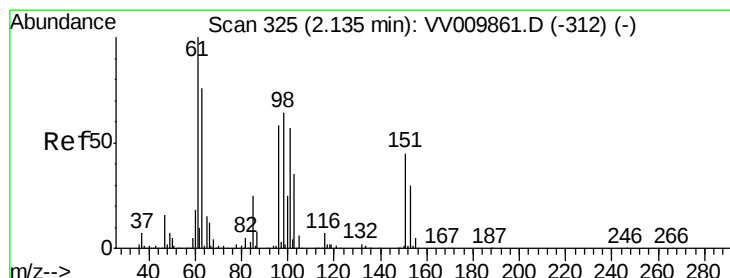
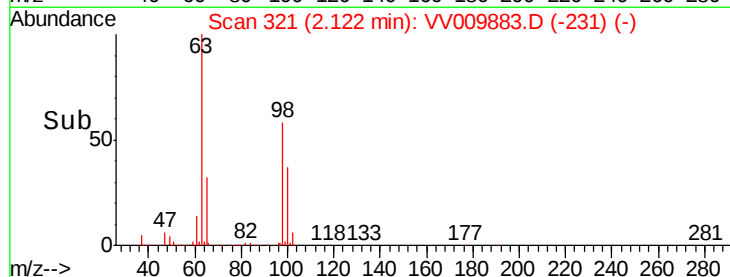
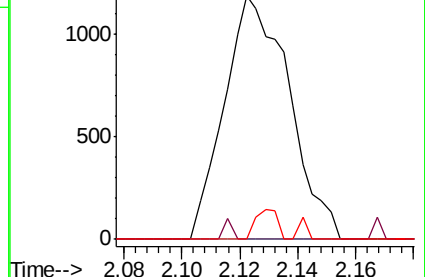
151 4.0 65.4 98.2#



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: 0.794 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV009883.D

Acq: 26 Mar 2019 00:23

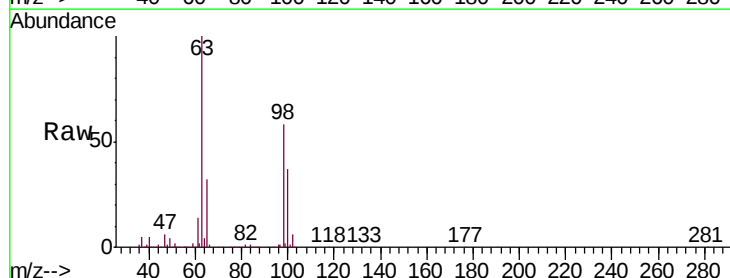
Tgt Ion: 96 Resp: 1842

Ion Ratio Lower Upper

96 100

61 1330.7 125.3 232.7#

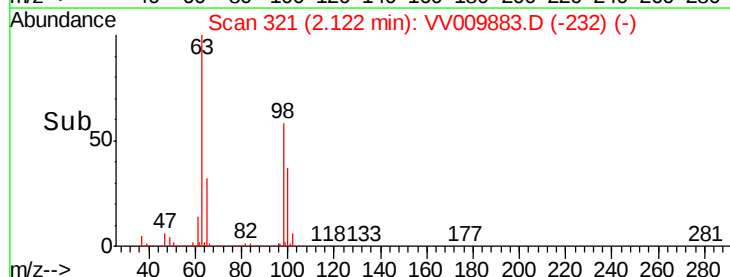
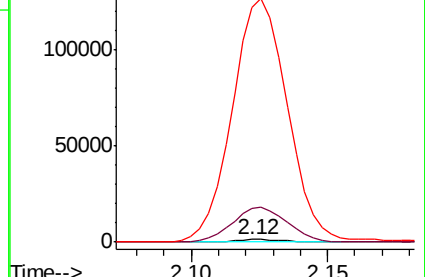
63 9281.6 109.7 203.7#

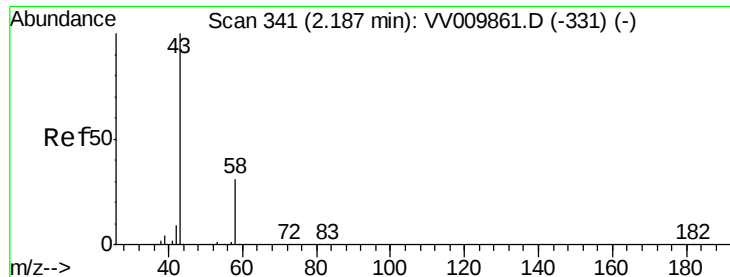


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.147 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV009883.D

Acq: 26 Mar 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

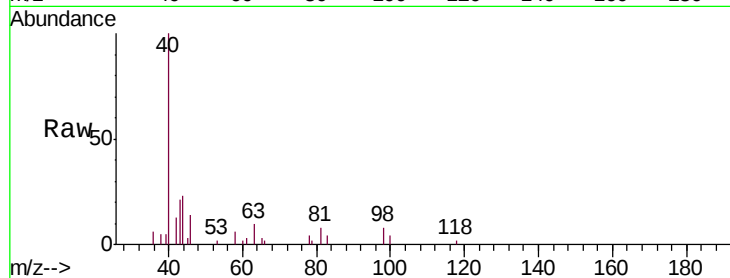
BF7Z5

Tgt Ion: 43 Resp: 1989

Ion Ratio Lower Upper

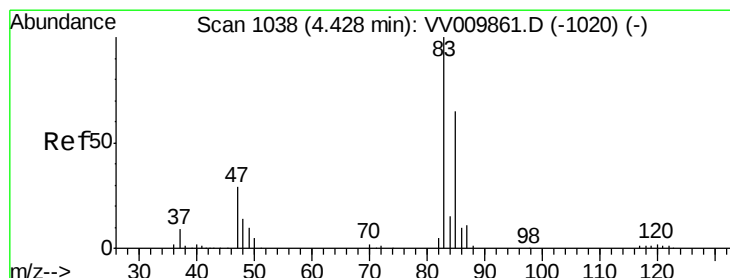
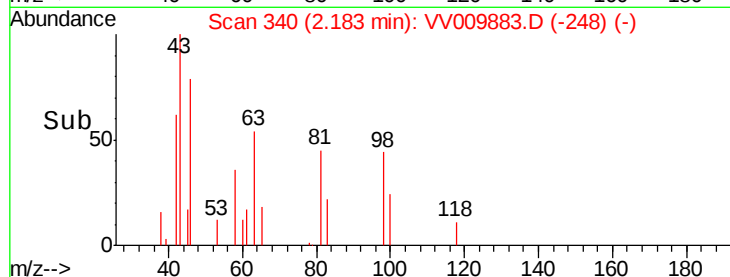
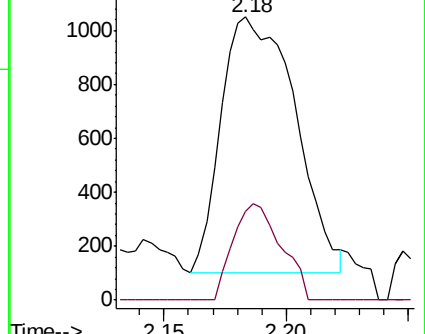
43 100

58 24.7 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV009861.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009861.D (-331) (-)



#25

Chloroform

Concen: 0.826 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VV009883.D

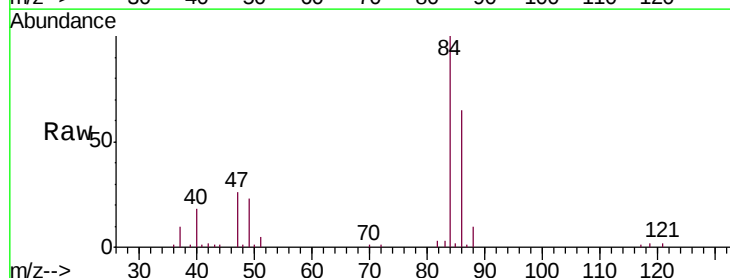
Acq: 26 Mar 2019 00:23

Tgt Ion: 83 Resp: 1998

Ion Ratio Lower Upper

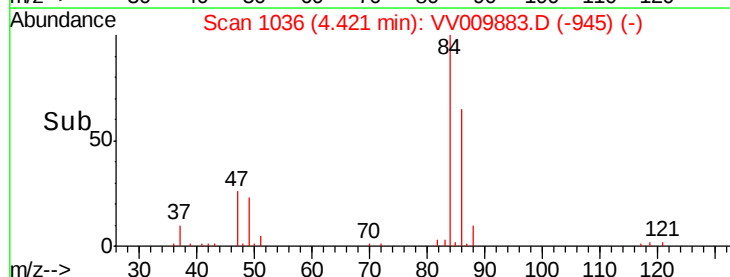
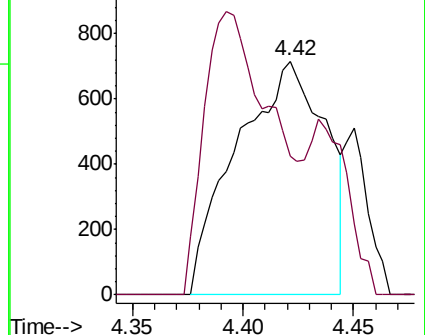
83 100

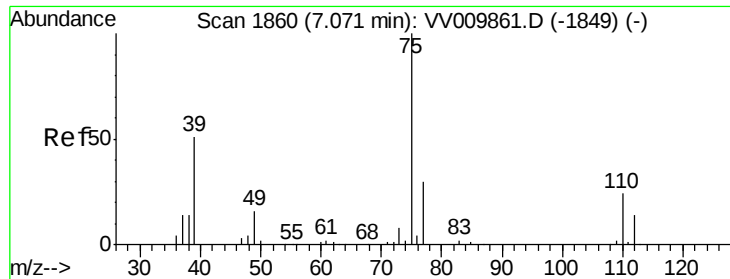
85 59.4 44.7 82.9



Abundance Ion 83.00 (82.70 to 83.70): VV009861.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV009861.D (-1020) (-)

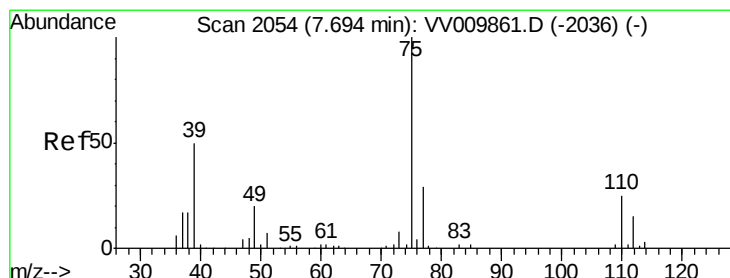
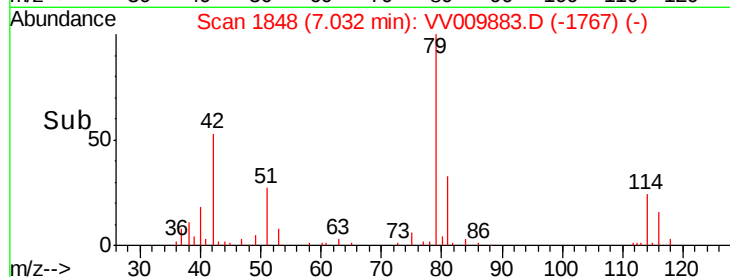
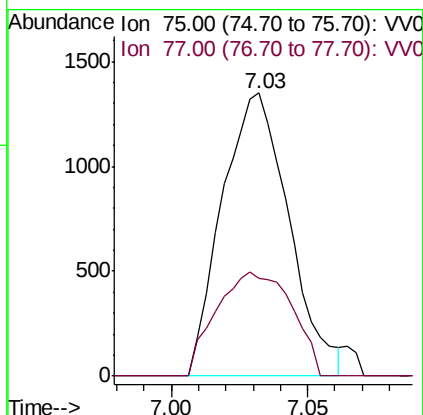
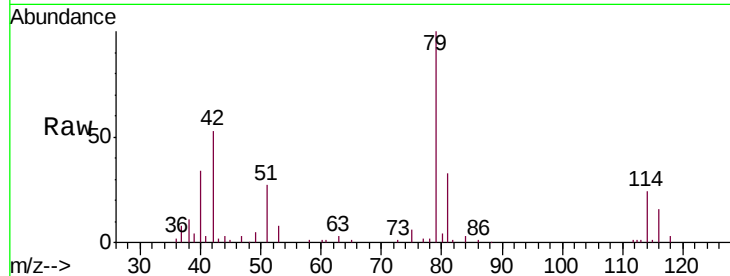




#39
 cis-1,3-Dichloropropene
 Concen: 1.280 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009883.D
 Acq: 26 Mar 2019 00:23

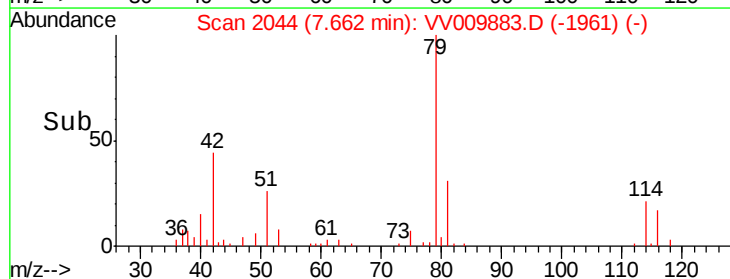
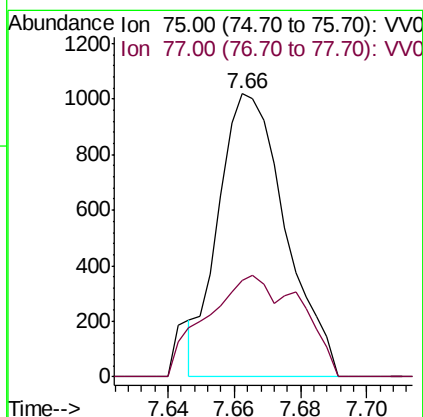
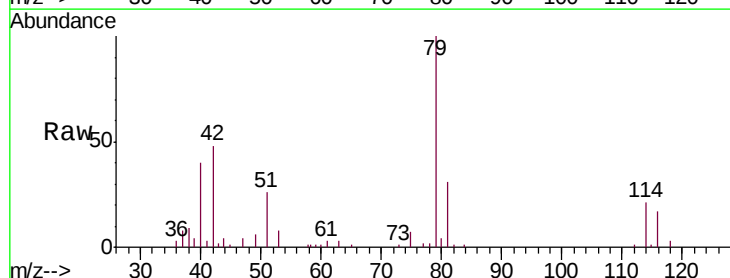
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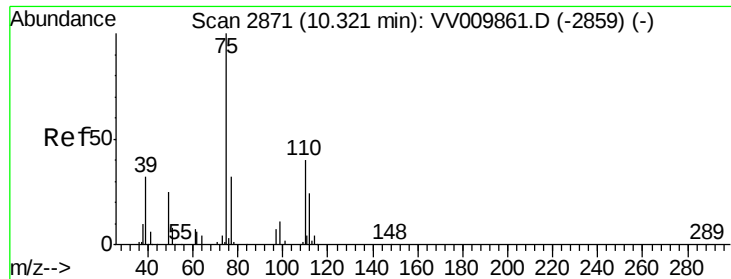
Tgt Ion: 75 Resp: 2292
 Ion Ratio Lower Upper
 75 100
 77 34.4 20.5 38.1



#44
 trans-1,3-Dichloropropene
 Concen: 0.860 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009883.D
 Acq: 26 Mar 2019 00:23

Tgt Ion: 75 Resp: 1432
 Ion Ratio Lower Upper
 75 100
 77 34.0 20.7 38.5





#59

1,2,3-Trichloropropane

Concen: 5.893 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV009883.D

Acq: 26 Mar 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

BF7Z5

Tgt Ion: 75 Resp: 9892

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.0

