

Data File : VV009884.D
Acq On : 26 Mar 2019 00:47
Operator : SY/MD
Sample : K2063-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB6S5

Quant Time: Mar 26 07:21:47 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	163612	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157719	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61903	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85369	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.20%
7) Chloroethane-d5	1.56	69	94578	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.62%
11) 1,1-Dichloroethene-d2	2.13	63	182238	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	3.93	46	78653	105.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	4.40	84	110614	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	5.08	65	77085	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
32) Benzene-d6	5.10	84	234532	54.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.58%
36) 1,2-Dichloropropane-d6	6.12	67	71650	54.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.50%
41) Toluene-d8	7.36	98	207163	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloropropene-	7.66	79	25867	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.76%
47) 2-Hexanone-d5	8.14	63	56463	104.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	94627	44.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.30%
64) 1,2-Dichlorobenzene-d4	11.67	152	71788	50.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.12%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1647	0.656	ug/L #	27
12) 1,1-Dichloroethene	2.13	96	1755	0.790	ug/L #	1
39) cis-1,3-Dichloropropene	7.03	75	2813	1.650	ug/L #	79
40) 4-Methyl-2-pentanone	7.36	43	1235	0.761	ug/L #	1
44) trans-1,3-Dichloropropene	7.66	75	1631	1.029	ug/L #	67
59) 1,2,3-Trichloropropane	11.30	75	9870	6.176	ug/L	94

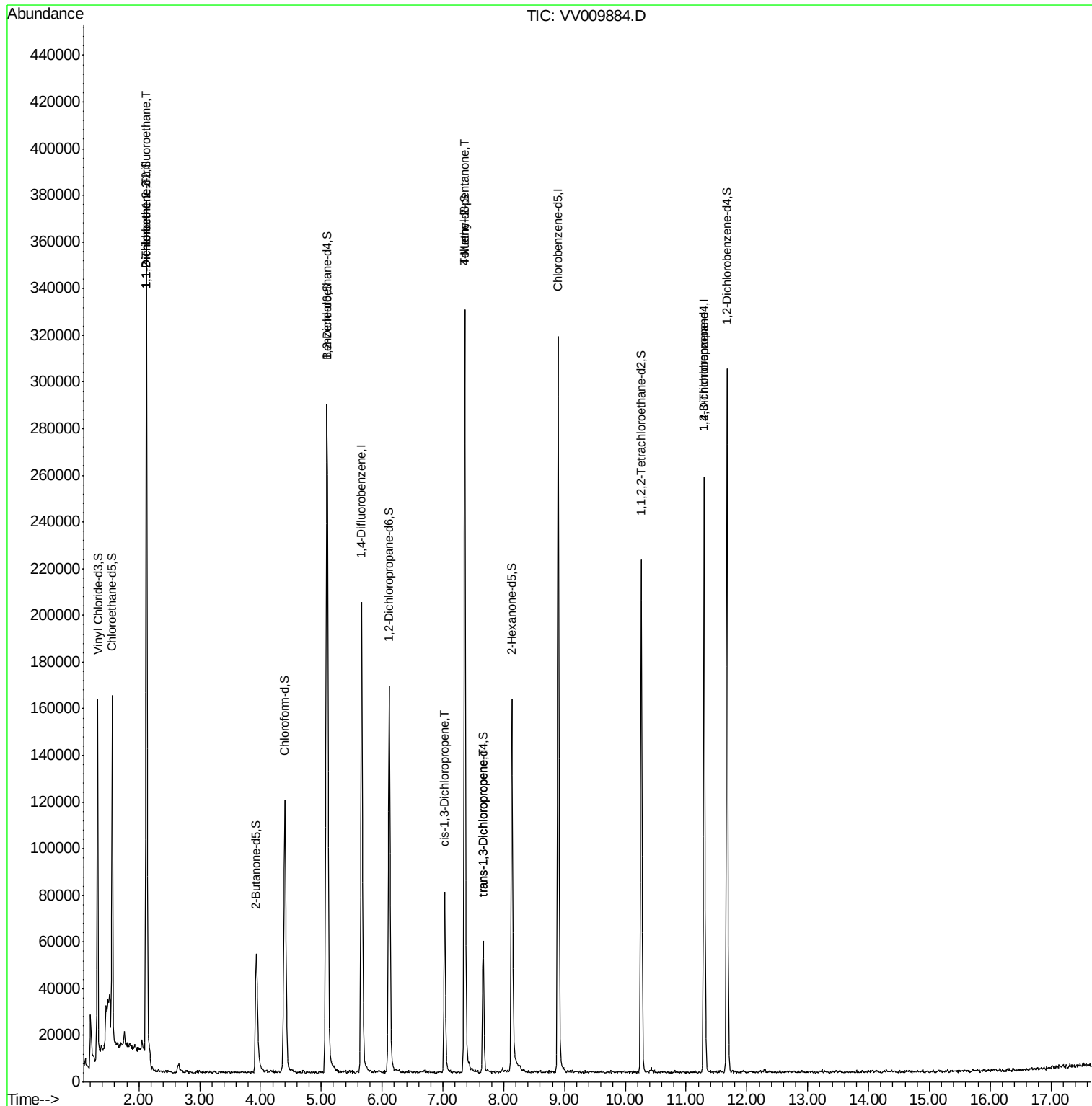
(#) = qualifier out of range (m) = manual integration (+) = signals summed

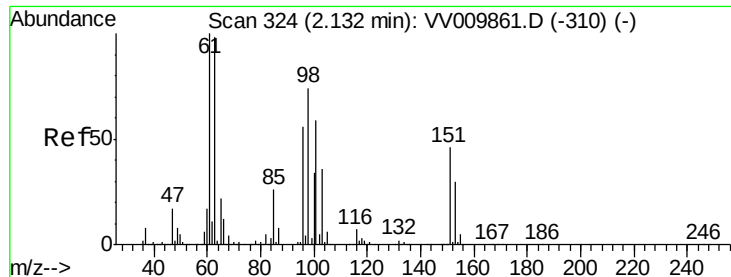
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#10

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

Concen: 0.656 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV009884.D

Acq: 26 Mar 2019 00:47

Instrument :

MSVOA_V

ClientSampleId :

DB6S5

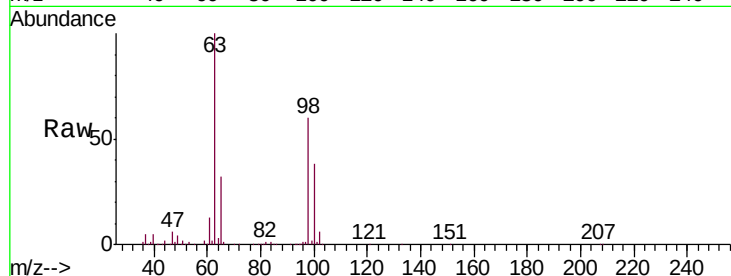
Tgt Ion: 101 Resp: 1647

Ion Ratio Lower Upper

101 100

85 11.2 37.0 55.4#

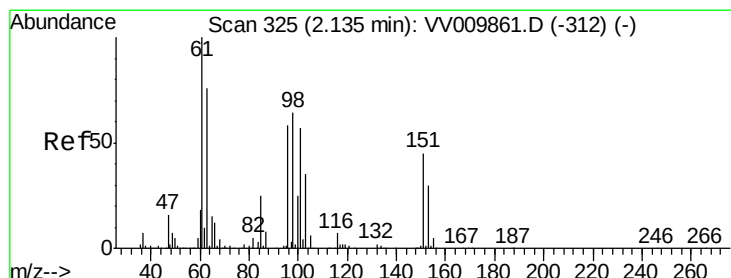
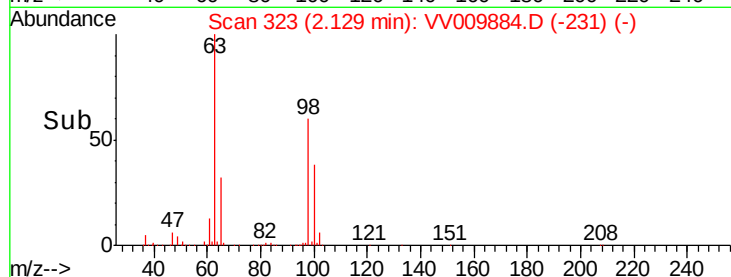
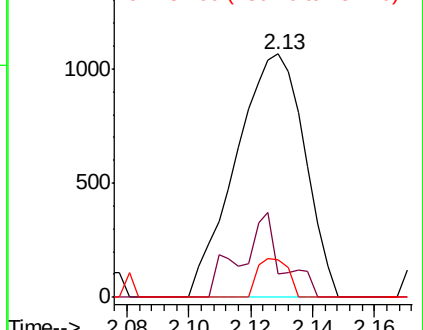
151 7.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): VV009884.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV009884.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV009884.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 0.790 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009884.D

Acq: 26 Mar 2019 00:47

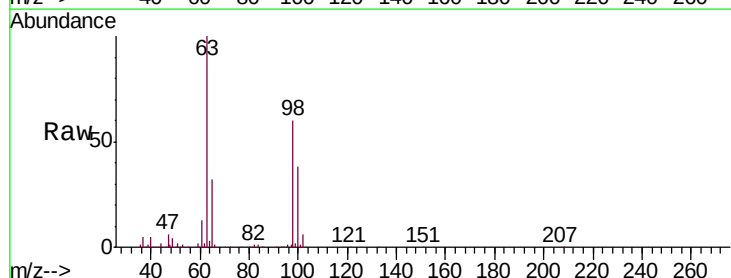
Tgt Ion: 96 Resp: 1755

Ion Ratio Lower Upper

96 100

61 1270.1 125.3 232.7#

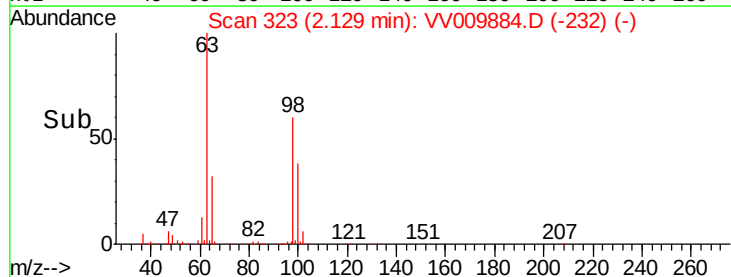
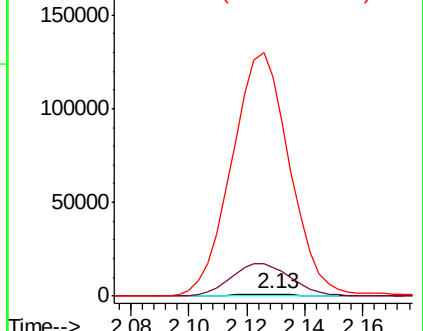
63 9603.9 109.7 203.7#

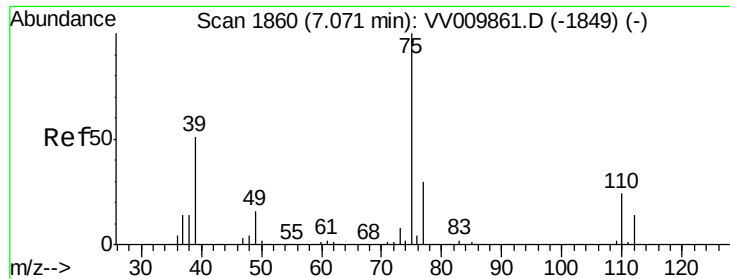


Abundance Ion 96.00 (95.70 to 96.70): VV009884.D (-232) (-)

Ion 61.00 (60.70 to 61.70): VV009884.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV009884.D (-232) (-)

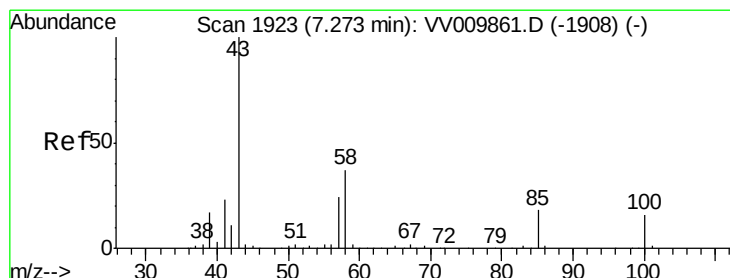
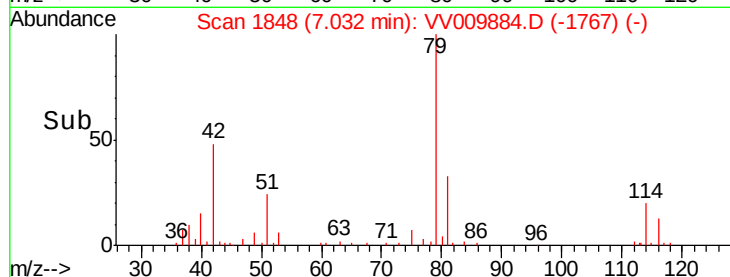
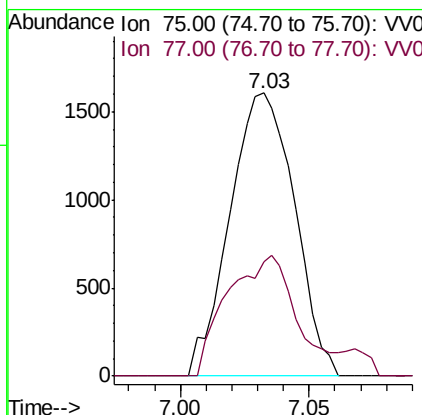
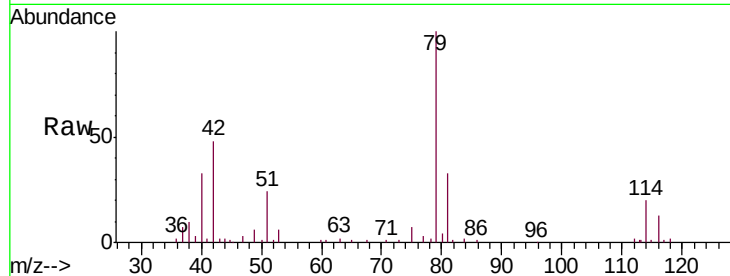




#39
 cis-1,3-Dichloropropene
 Concen: 1.650 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009884.D
 Acq: 26 Mar 2019 00:47

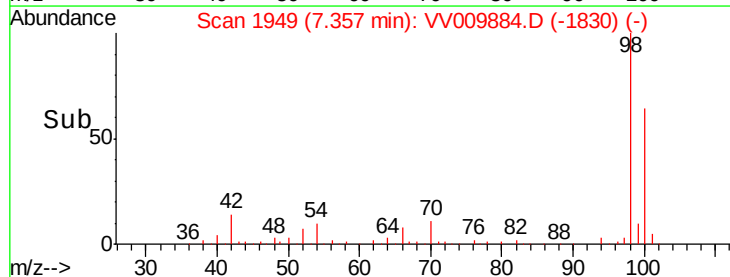
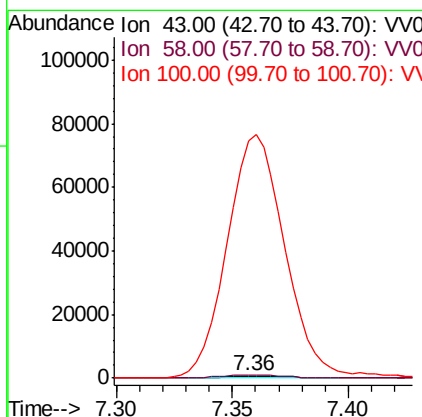
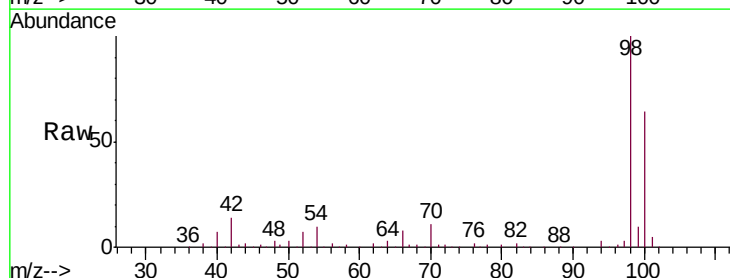
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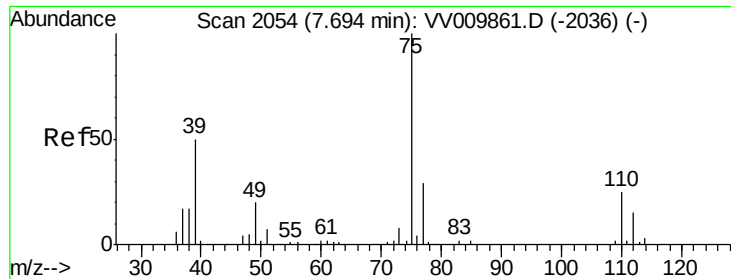
Tgt Ion: 75 Resp: 2813
 Ion Ratio Lower Upper
 75 100
 77 40.3 20.5 38.1#



#40
 4-Methyl-2-pentanone
 Concen: 0.761 ug/L
 RT: 7.36 min Scan# 1949
 Delta R.T. 0.08 min
 Lab File: VV009884.D
 Acq: 26 Mar 2019 00:47

Tgt Ion: 43 Resp: 1235
 Ion Ratio Lower Upper
 43 100
 58 153.1 29.8 44.8#
 100 10702.3 12.2 18.4#





#44

trans-1,3-Dichloropropene

Concen: 1.029 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009884.D

Acq: 26 Mar 2019 00:47

Instrument :

MSVOA_V

ClientSampled :

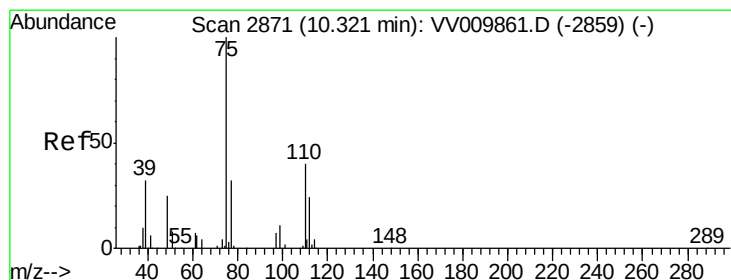
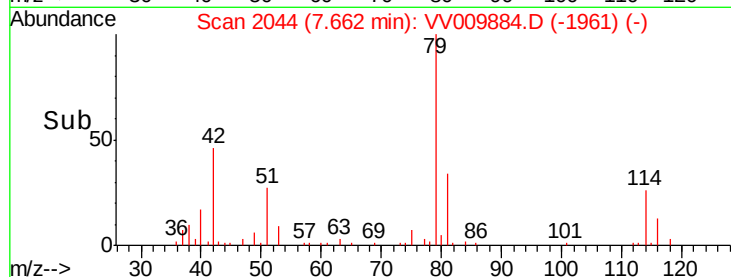
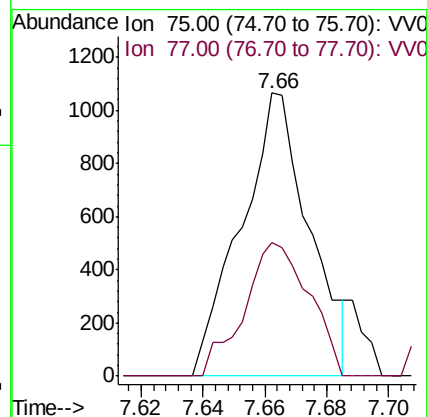
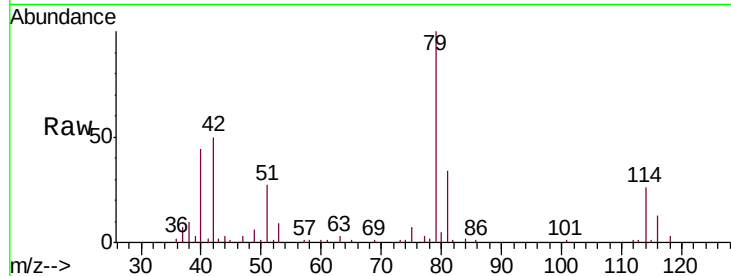
DB6S5

Tgt Ion: 75 Resp: 1631

Ion Ratio Lower Upper

75 100

77 47.3 20.7 38.5#



#59

1,2,3-Trichloropropane

Concen: 6.176 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009884.D

Acq: 26 Mar 2019 00:47

Tgt Ion: 75 Resp: 9870

Ion Ratio Lower Upper

75 100

77 35.1 25.4 38.0

