

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
 Data File : VV009178.D
 Acq On : 05 Jan 2019 00:02
 Operator : SY/MD
 Sample : K1050-11
 Misc : 6.23 G/10ML/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W8

Quant Time: Jan 05 05:05:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	129970	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	117177	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55927	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18341	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.56%
7) Chloroethane-d5	1.58	69	18793	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.20%
10) 1,1-Dichloroethene-d2	2.13	63	45921	15.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.80%
20) 2-Butanone-d5	3.96	46	19796	31.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.30%
24) Chloroform-d	4.40	84	66603	24.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.36%
26) 1,2-Dichloroethane-d4	5.08	65	38579	26.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.40%
29) Benzene-d6	5.10	84	131647	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	6.12	67	40201	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.44%
37) Toluene-d8	7.36	98	115408	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	7.67	79	15474	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.16%
39) 2-Hexanone-d5	8.14	63	12999	36.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39768	24.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.68%
61) 1,2-Dichlorobenzene-d4	11.68	152	49579	26.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.92%

Target Compounds

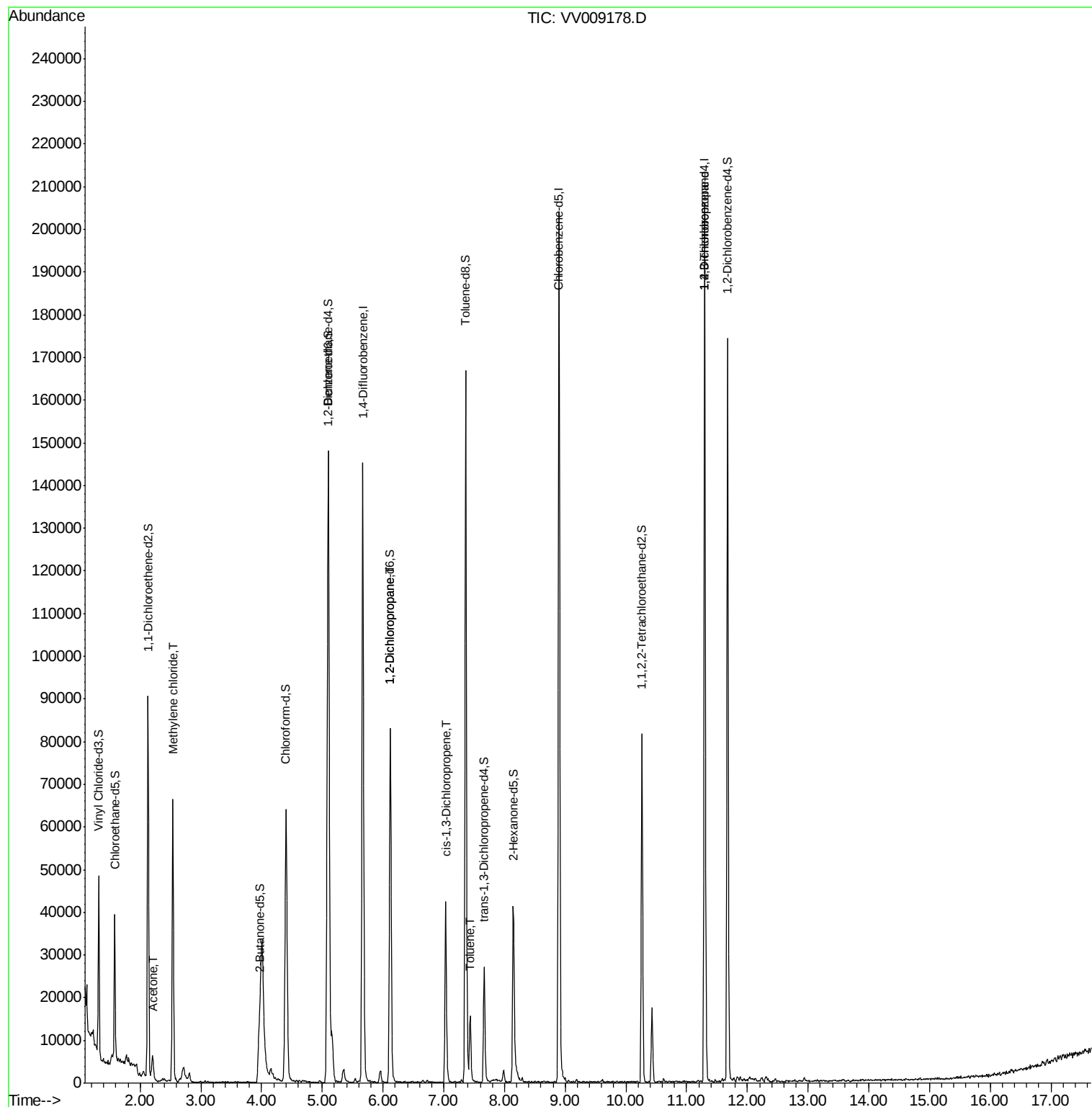
					Qvalue
13) Acetone	2.21	43	7407	8.357 ug/L	99
16) Methylene chloride	2.54	84	28442	14.648 ug/L	97
40) 1,2-Dichloropropane	6.12	63	4561	3.004 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	864	0.359 ug/L #	45
44) Toluene	7.43	91	11348	1.671 ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	5664	3.941 ug/L #	81

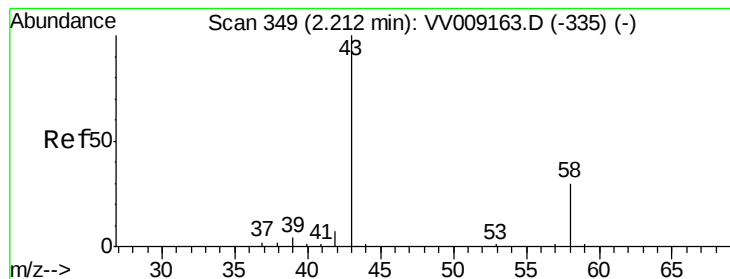
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.357 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

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Acq: 05 Jan 2019 00:02

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MSVOA_V

ClientSampleId :

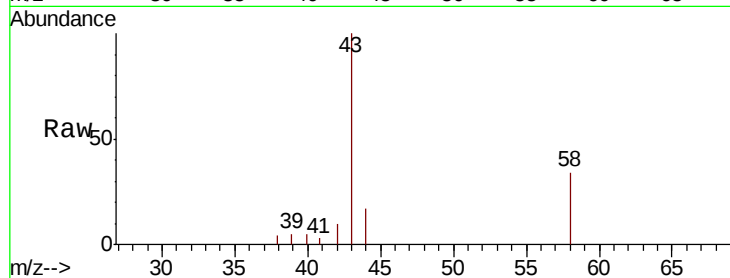
BE9W8

Tgt Ion: 43 Resp: 7407

Ion Ratio Lower Upper

43 100

58 32.8 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009163.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009163.D (-335) (-)

2.21

4000

3000

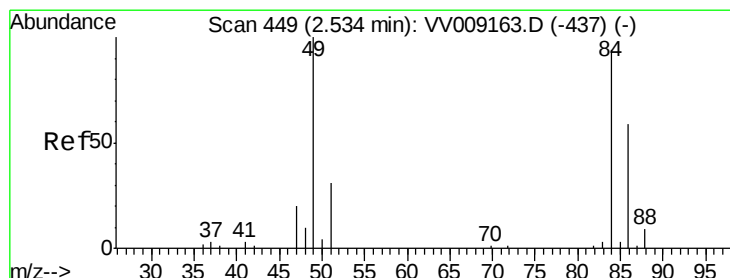
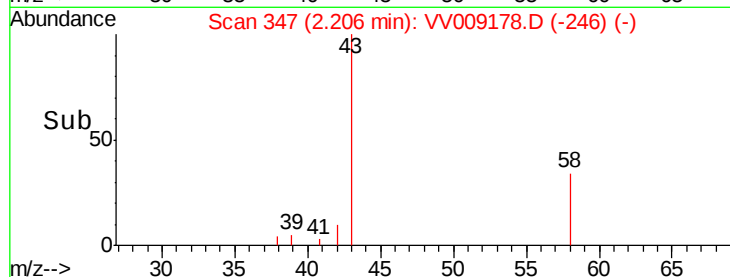
2000

1000

0

Time-->

2.15 2.20 2.25 2.30



#16

Methylene chloride

Concen: 14.648 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009178.D

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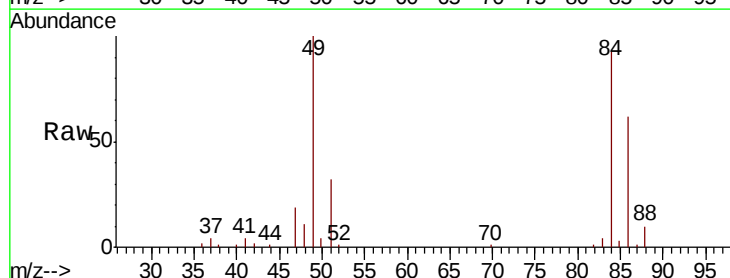
Tgt Ion: 84 Resp: 28442

Ion Ratio Lower Upper

84 100

49 107.5 77.6 144.2

86 66.2 47.4 88.0



Abundance Ion 84.00 (83.70 to 84.70): VV009163.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009163.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009163.D (-437) (-)

25000

20000

15000

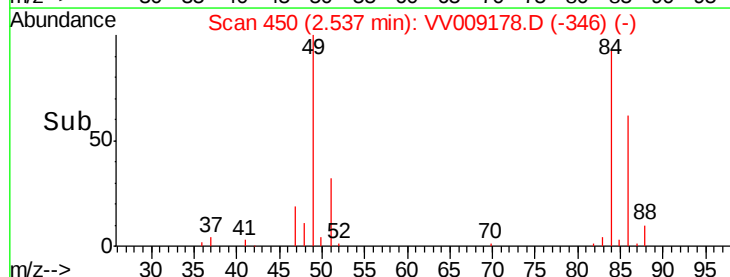
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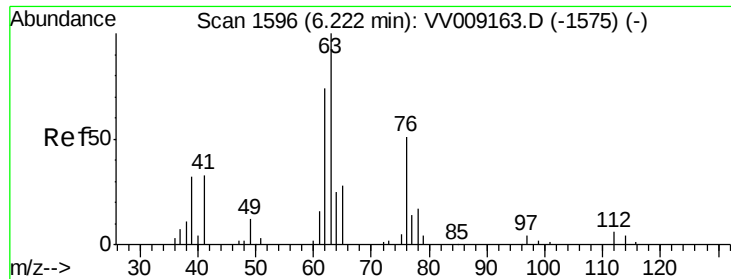
5000

0

Time-->

2.50 2.55 2.60

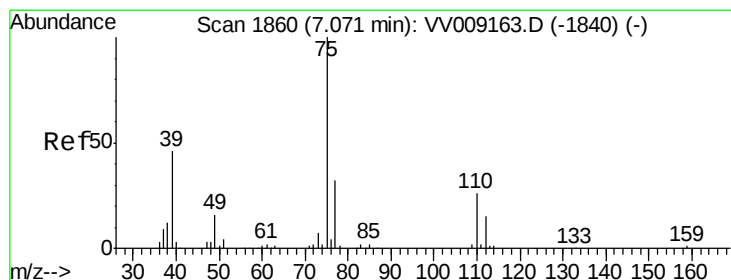
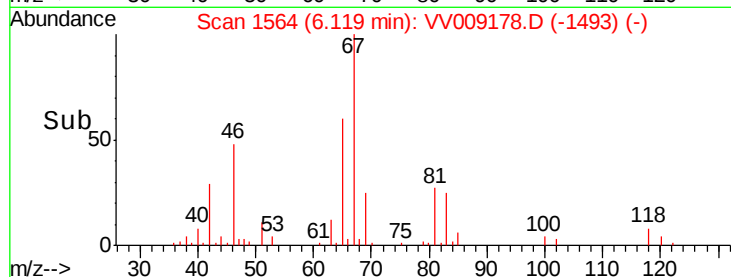
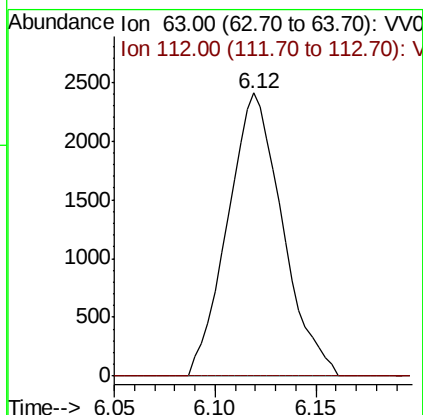
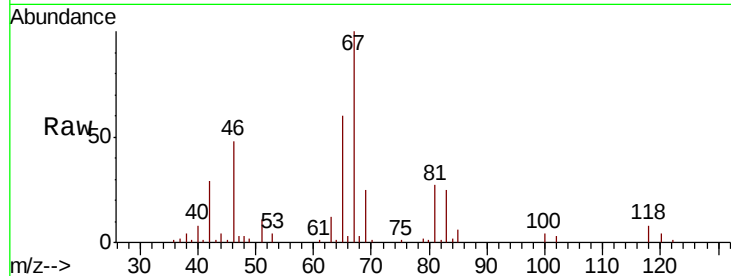




#40
 1,2-Dichloropropane
 Concen: 3.004 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009178.D
 Acq: 05 Jan 2019 00:02

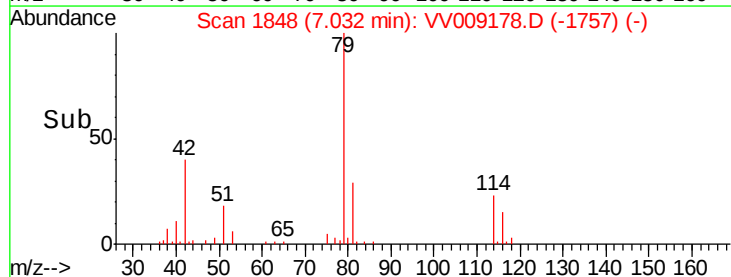
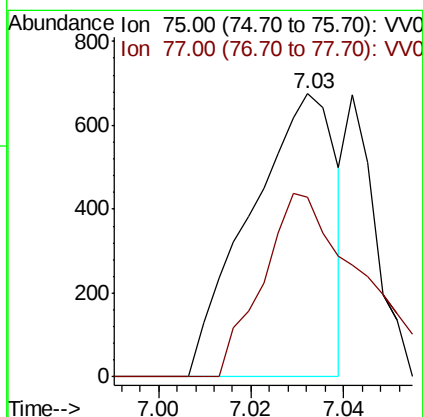
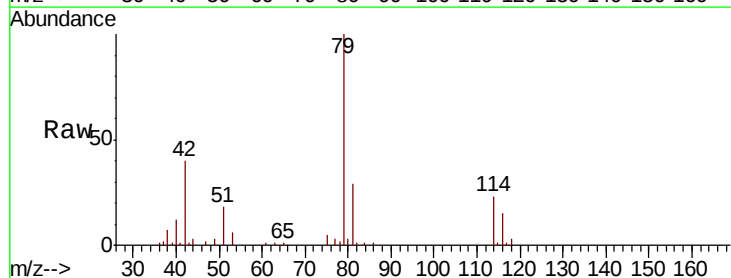
Instrument :
 MSVOA_V
 ClientSampled :
 BE9W8

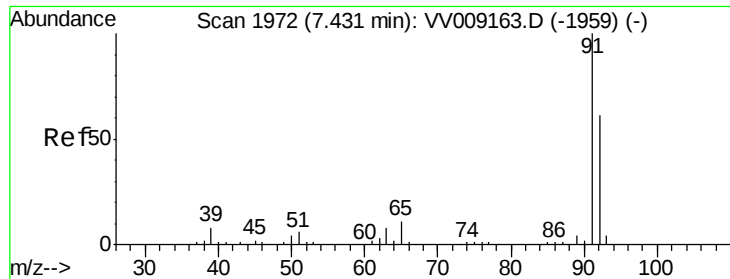
Tgt Ion: 63 Resp: 4561
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.359 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009178.D
 Acq: 05 Jan 2019 00:02

Tgt Ion: 75 Resp: 864
 Ion Ratio Lower Upper
 75 100
 77 63.6 22.8 42.4#





#44

Toluene

Concen: 1.671 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009178.D

Acq: 05 Jan 2019 00:02

Instrument :

MSVOA_V

ClientSampleId :

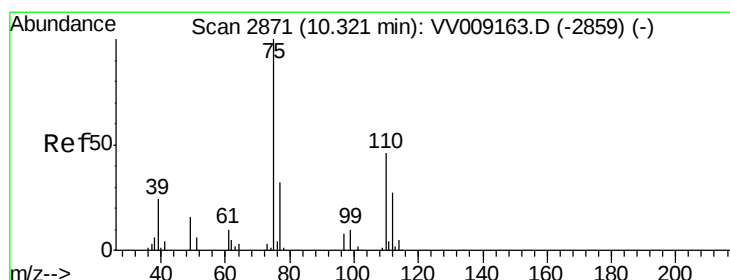
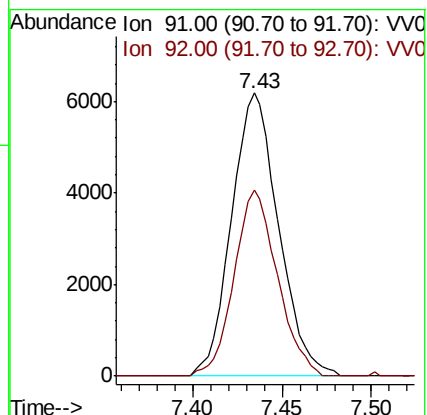
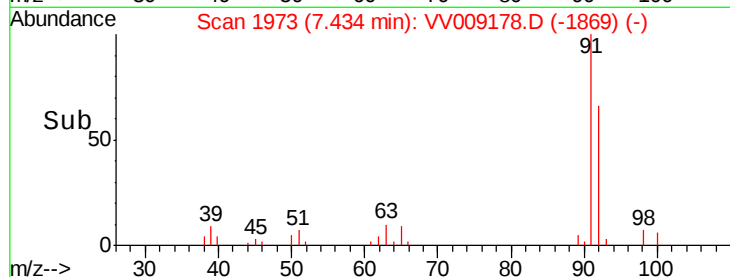
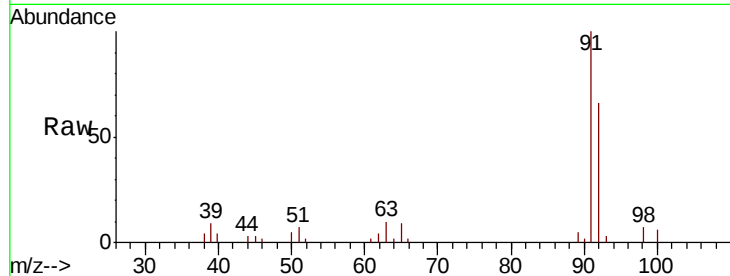
BE9W8

Tgt Ion: 91 Resp: 11348

Ion Ratio Lower Upper

91 100

92 65.6 41.7 77.5



#59

1,2,3-Trichloropropane

Concen: 3.941 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009178.D

Acq: 05 Jan 2019 00:02

Tgt Ion: 75 Resp: 5664

Ion Ratio Lower Upper

75 100

77 41.9 25.0 37.6#

