

Data File : VV009374.D
Acq On : 26 Feb 2019 18:36
Operator : SY/MD
Sample : K1579-04
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB601RE

Quant Time: Feb 27 04:48:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	139531	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	112545	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40536	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48723	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.04%
7) Chloroethane-d5	1.58	69	68611	30.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.24%
10) 1,1-Dichloroethene-d2	2.12	63	95023	20.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.88%
20) 2-Butanone-d5	3.96	46	31544	59.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.28%
24) Chloroform-d	4.40	84	88708	26.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.84%
26) 1,2-Dichloroethane-d4	5.08	65	52102	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.32%
29) Benzene-d6	5.10	84	179630	30.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.08%
33) 1,2-Dichloropropane-d6	6.12	67	56032	31.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.84%#
37) Toluene-d8	7.36	98	163118	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.68%
38) trans-1,3-Dichloropropene-	7.66	79	25125	28.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.68%
39) 2-Hexanone-d5	8.14	63	24689	66.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49388	28.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	40435	26.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.72%

Target Compounds

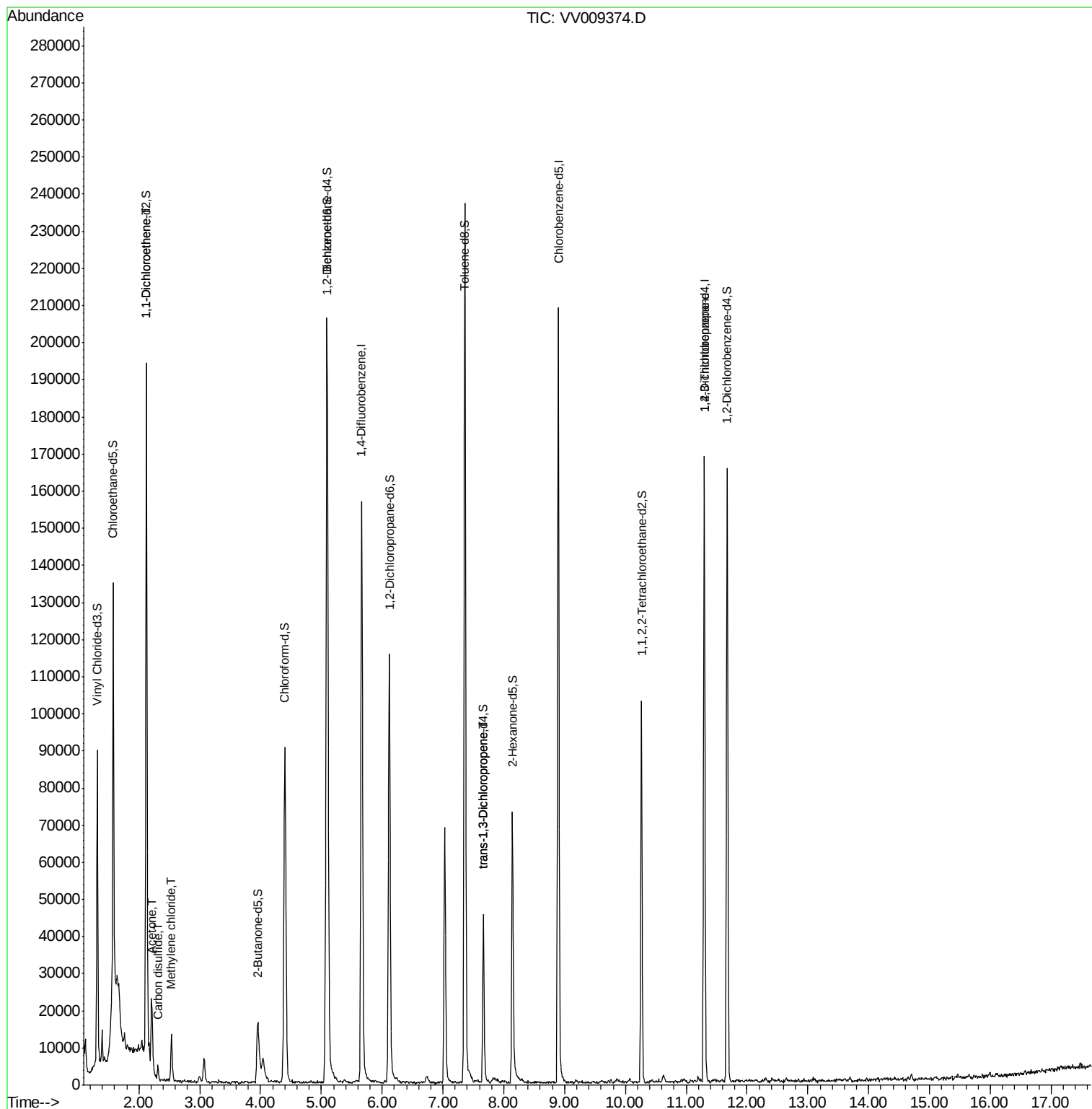
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	1073	0.535	ug/L #	1
13) Acetone	2.21	43	26664	44.098	ug/L	97
14) Carbon disulfide	2.31	76	4248	0.816	ug/L #	91
16) Methylene chloride	2.53	84	5514	2.918	ug/L	92
45) trans-1,3-Dichloropropene	7.66	75	1142	0.509	ug/L	89
59) 1,2,3-Trichloropropane	11.30	75	5970	4.787	ug/L #	85

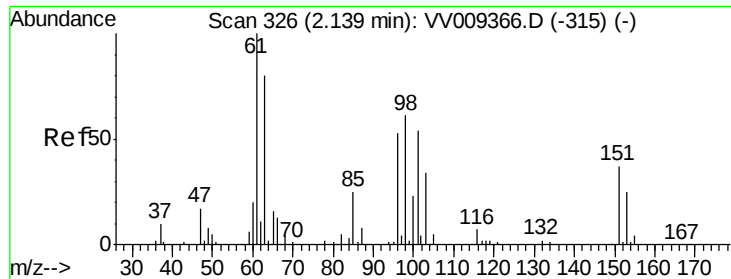
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.535 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

DB601RE

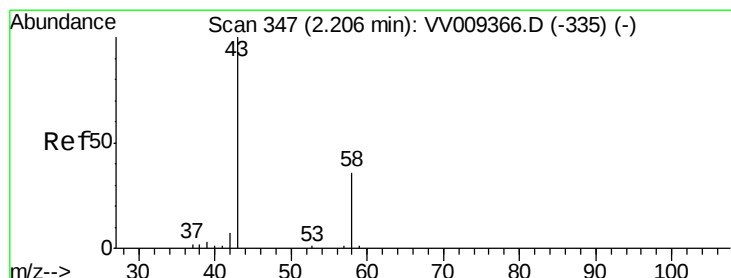
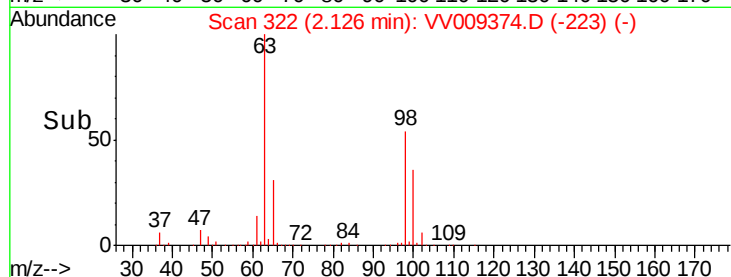
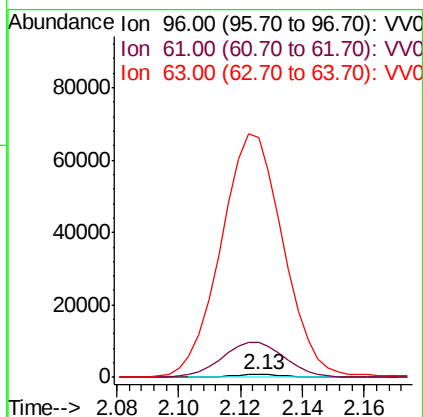
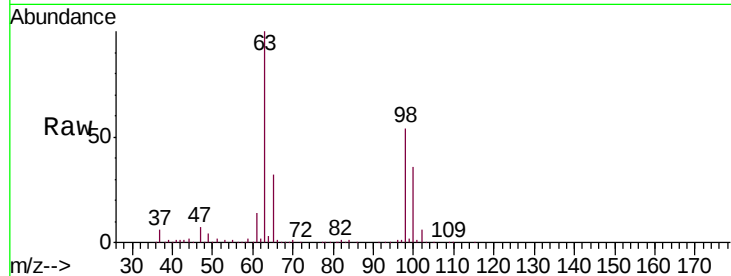
Tgt Ion: 96 Resp: 1073

Ion Ratio Lower Upper

96 100

61 1188.7 136.9 254.3#

63 8269.3 108.7 201.9#



#13

Acetone

Concen: 44.098 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV009374.D

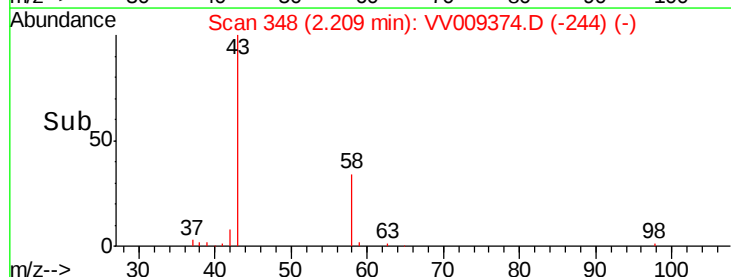
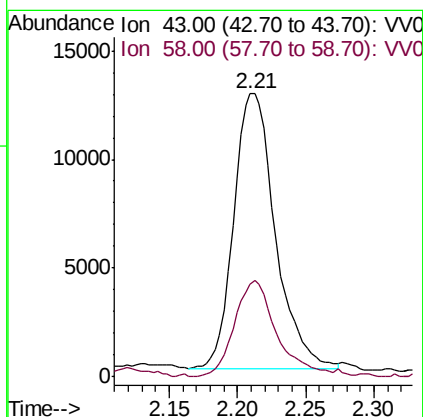
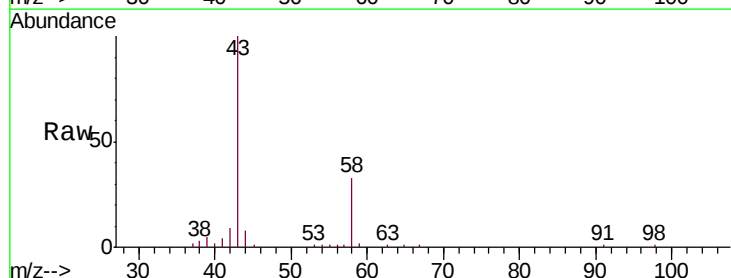
Acq: 26 Feb 2019 18:36

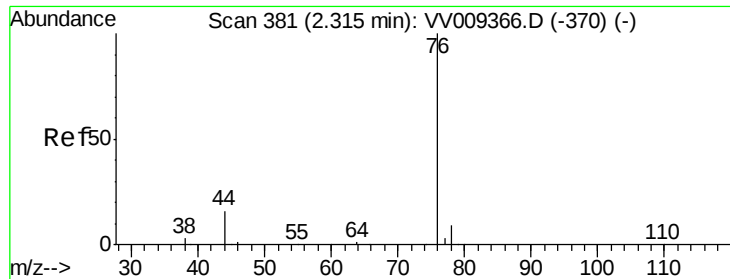
Tgt Ion: 43 Resp: 26664

Ion Ratio Lower Upper

43 100

58 35.9 0.0 68.8





#14

Carbon disulfide

Concen: 0.816 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

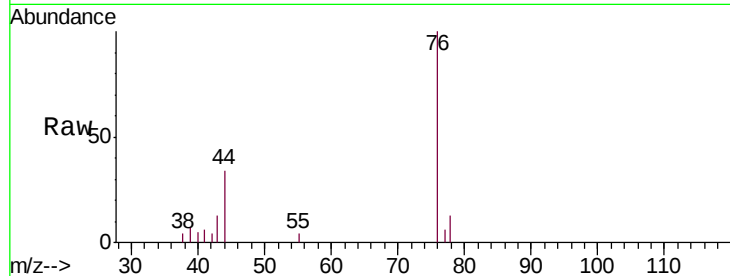
DB601RE

Tgt Ion: 76 Resp: 4248

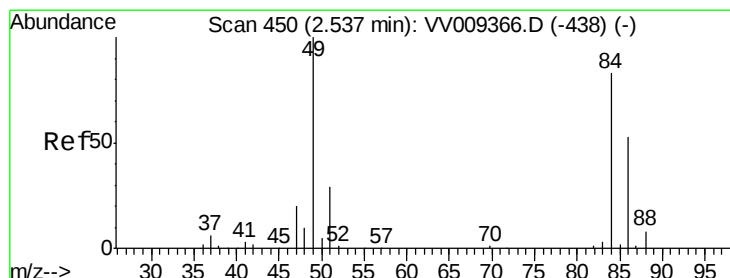
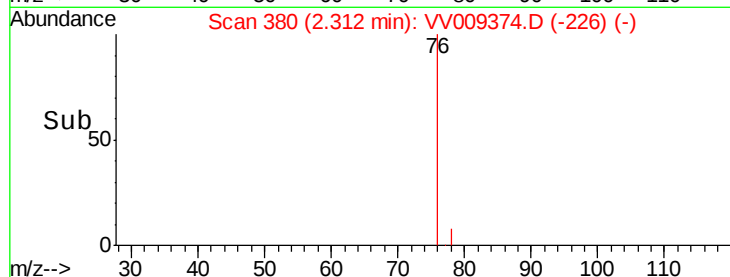
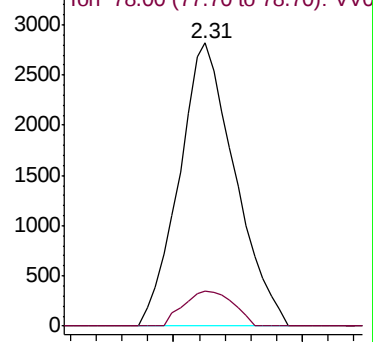
Ion Ratio Lower Upper

76 100

78 12.6 7.5 11.3#



Abundance Ion 76.00 (75.70 to 76.70): VV009366.D (-370) (-)



#16

Methylene chloride

Concen: 2.918 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009374.D

Acq: 26 Feb 2019 18:36

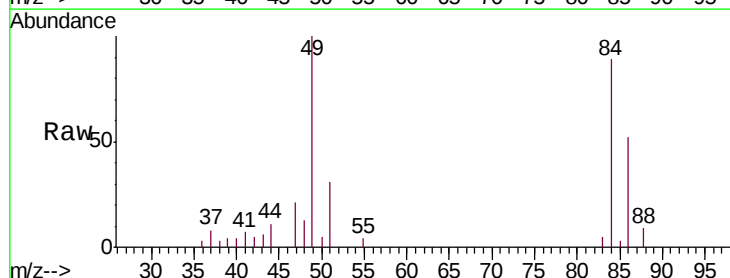
Tgt Ion: 84 Resp: 5514

Ion Ratio Lower Upper

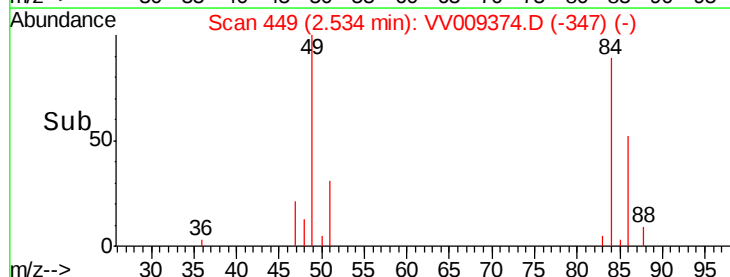
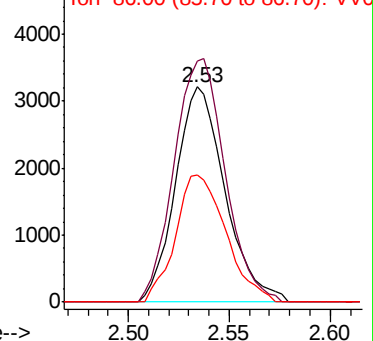
84 100

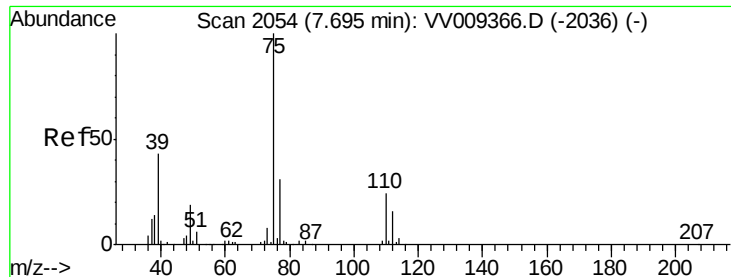
49 112.2 84.6 157.0

86 58.9 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009366.D (-438) (-)





#45

trans-1,3-Dichloropropene

Concen: 0.509 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009374.D

Acq: 26 Feb 2019 18:36

Instrument :

MSVOA_V

ClientSampled :

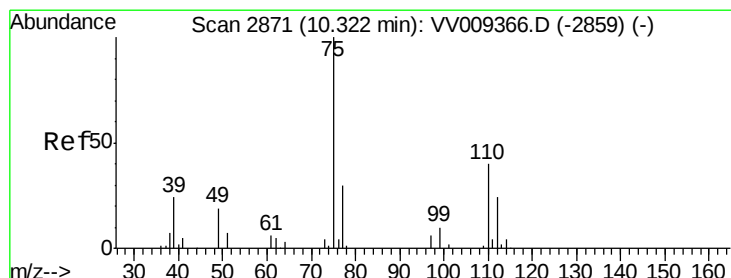
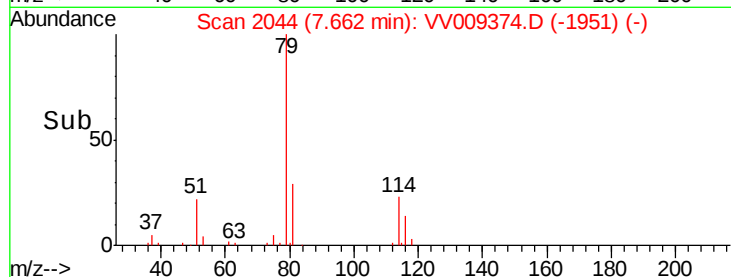
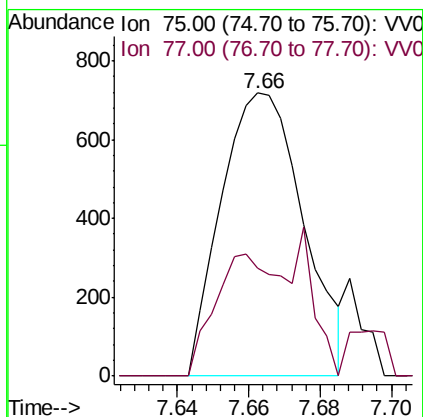
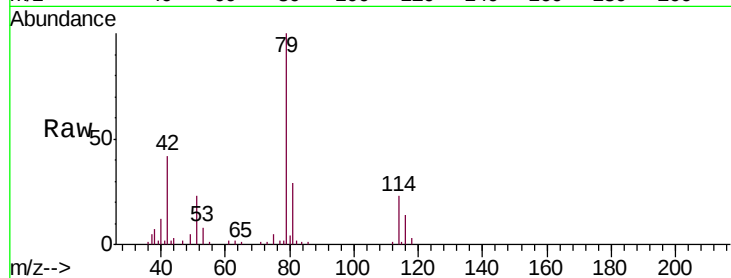
DB601RE

Tgt Ion: 75 Resp: 1142

Ion Ratio Lower Upper

75 100

77 38.3 22.5 41.7



#59

1,2,3-Trichloropropane

Concen: 4.787 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009374.D

Acq: 26 Feb 2019 18:36

Tgt Ion: 75 Resp: 5970

Ion Ratio Lower Upper

75 100

77 40.7 25.9 38.9#

