

Data File : VV009373.D
Acq On : 26 Feb 2019 18:10
Operator : SY/MD
Sample : K1579-03
Misc : 5.20G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB600

Quant Time: Feb 27 04:47:55 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	167640	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135956	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44006	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58162	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
7) Chloroethane-d5	1.58	69	82495	30.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.32%
10) 1,1-Dichloroethene-d2	2.12	63	114057	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.80%
20) 2-Butanone-d5	3.96	46	29871	47.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.02%
24) Chloroform-d	4.40	84	101676	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	5.08	65	56442	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	5.10	84	210777	29.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.64%
33) 1,2-Dichloropropane-d6	6.12	67	65224	30.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.16%#
37) Toluene-d8	7.36	98	194896	28.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.44%
38) trans-1,3-Dichloropropene-	7.67	79	26127	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.72%
39) 2-Hexanone-d5	8.14	63	24190	53.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47229	22.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	41587	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

Target Compounds

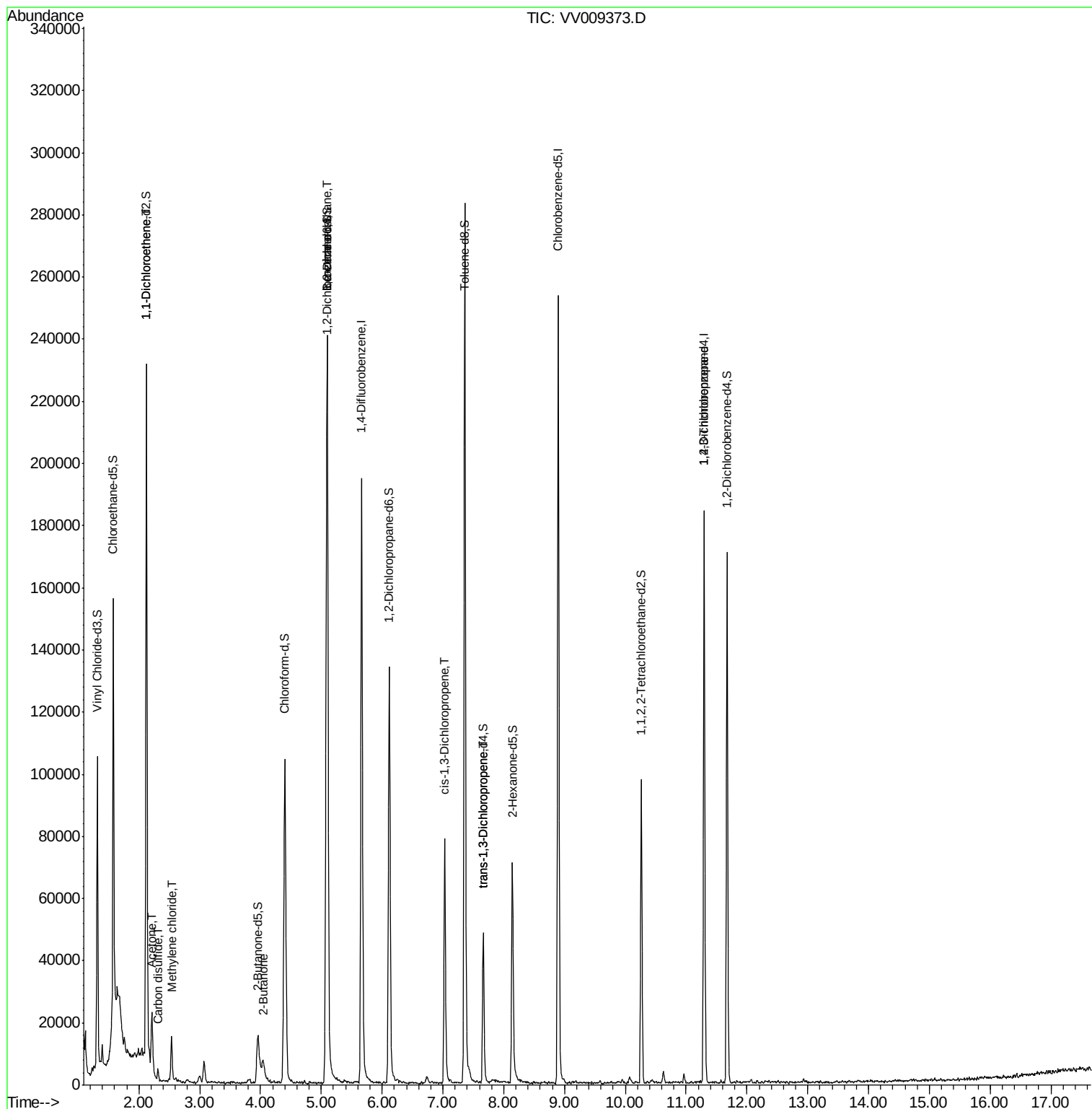
					Qvalue	
12) 1,1-Dichloroethene	2.12	96	1092	0.454	ug/L #	1
13) Acetone	2.21	43	26630	36.657	ug/L	98
14) Carbon disulfide	2.31	76	3695	0.591	ug/L #	92
16) Methylene chloride	2.53	84	6160	2.713	ug/L	91
21) 2-Butanone	4.05	43	10146	11.208	ug/L	94
27) 1,2-Dichloroethane	5.10	62	1331	0.476	ug/L #	77
42) cis-1,3-Dichloropropene	7.03	75	2367	0.791	ug/L #	42
45) trans-1,3-Dichloropropene	7.67	75	1364	0.503	ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	6212	4.123	ug/L	90

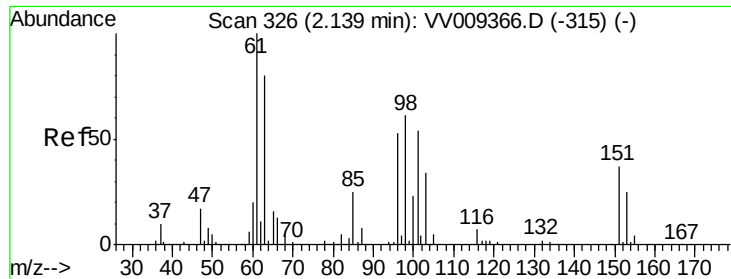
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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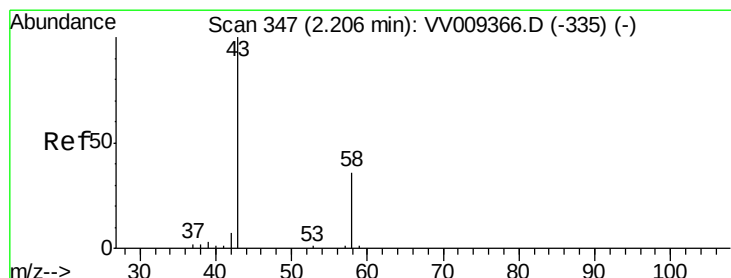
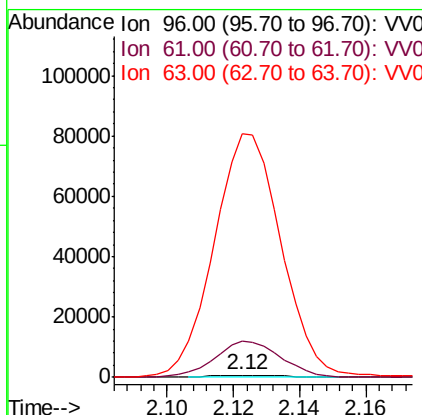
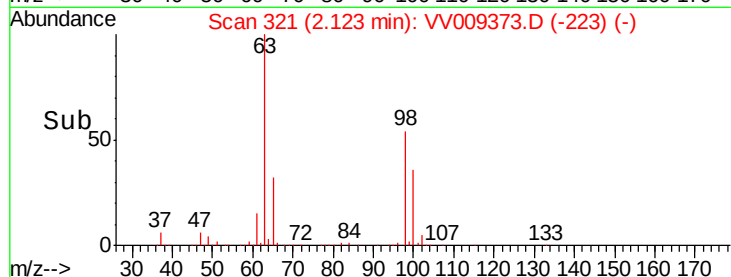
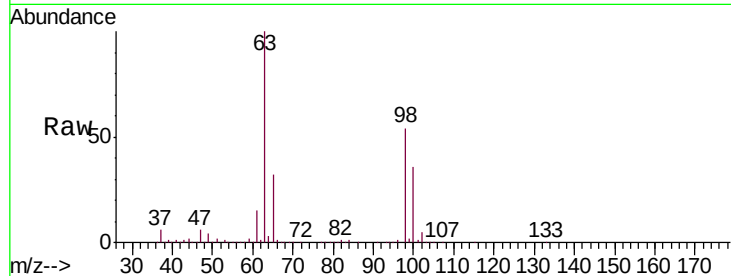




#12
 1,1-Dichloroethene
 Concen: 0.454 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.02 min
 Lab File: VV009373.D
 Acq: 26 Feb 2019 18:10

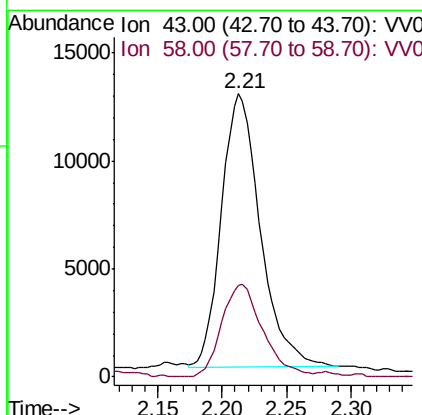
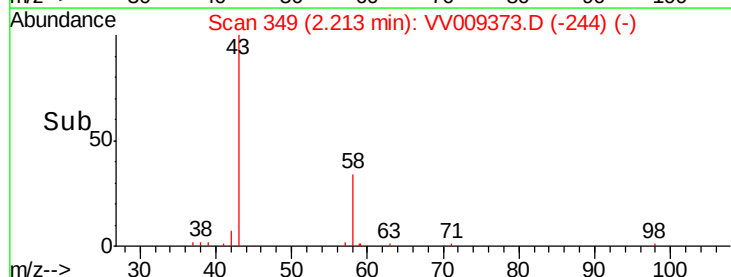
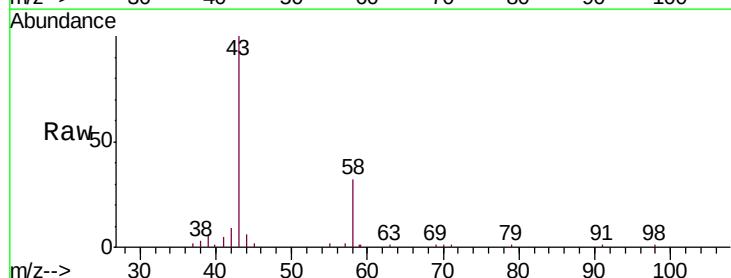
Instrument :
 MSVOA_V
 ClientSampleId :
 DB600

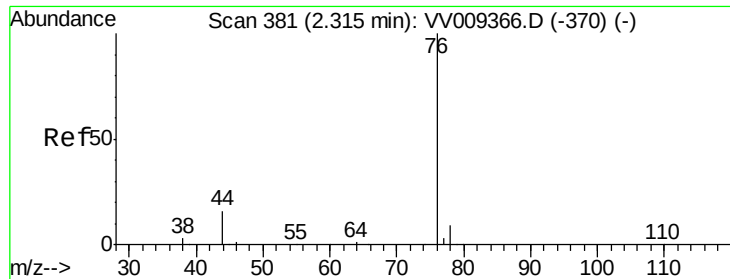
Tgt Ion: 96 Resp: 1092
 Ion Ratio Lower Upper
 96 100
 61 1551.7 136.9 254.3#
 63 10453.9 108.7 201.9#



#13
 Acetone
 Concen: 36.657 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. 0.01 min
 Lab File: VV009373.D
 Acq: 26 Feb 2019 18:10

Tgt Ion: 43 Resp: 26630
 Ion Ratio Lower Upper
 43 100
 58 35.8 0.0 68.8





#14

Carbon disulfide

Concen: 0.591 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV009373.D

Acq: 26 Feb 2019 18:10

Instrument :

MSVOA_V

ClientSampled :

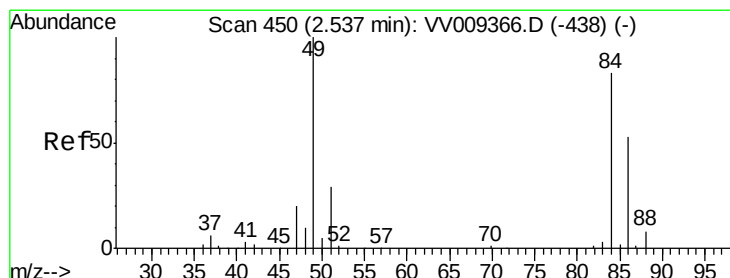
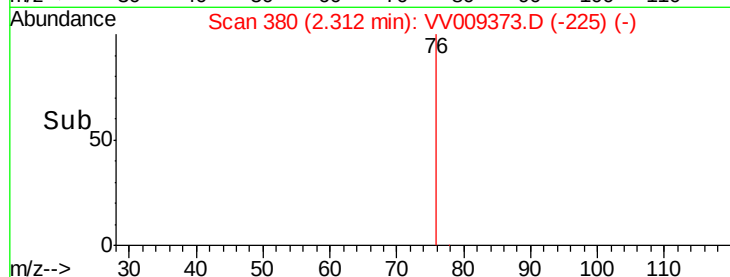
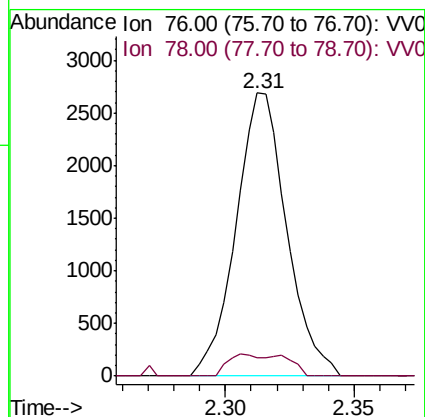
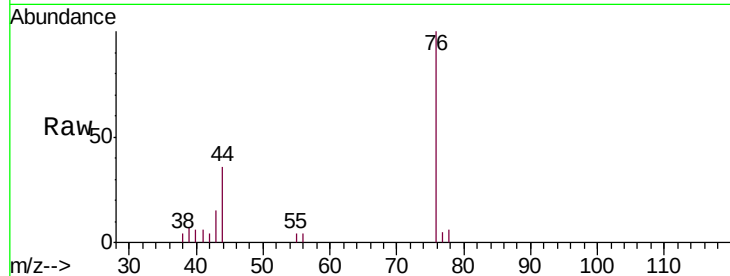
DB600

Tgt Ion: 76 Resp: 3695

Ion Ratio Lower Upper

76 100

78 6.4 7.5 11.3#



#16

Methylene chloride

Concen: 2.713 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009373.D

Acq: 26 Feb 2019 18:10

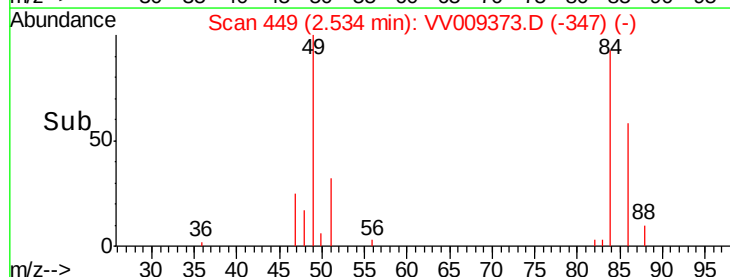
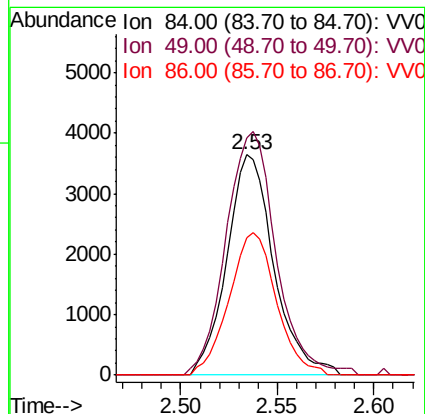
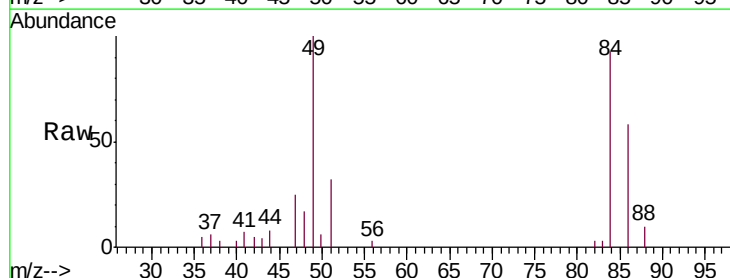
Tgt Ion: 84 Resp: 6160

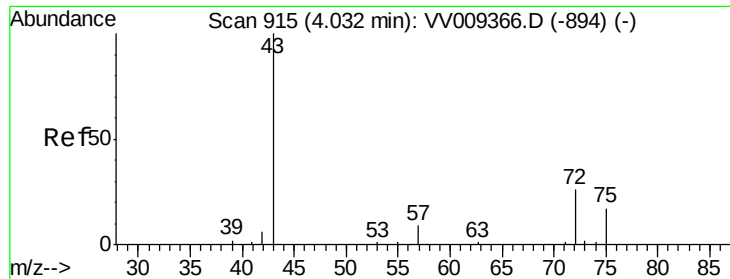
Ion Ratio Lower Upper

84 100

49 107.9 84.6 157.0

86 62.6 46.1 85.7





#21

2-Butanone

Concen: 11.208 ug/L

RT: 4.05 min Scan# 919

Delta R.T. 0.01 min

Lab File: VV009373.D

Acq: 26 Feb 2019 18:10

Instrument :

MSVOA_V

ClientSampleId :

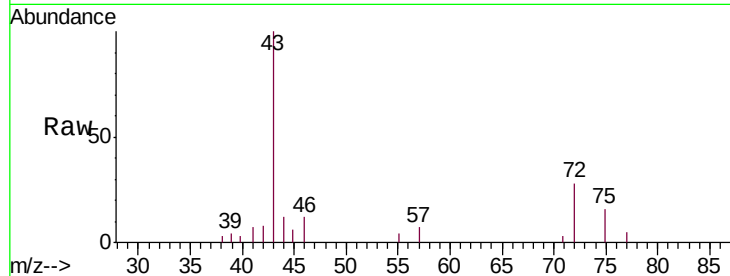
DB600

Tgt Ion: 43 Resp: 10146

Ion Ratio Lower Upper

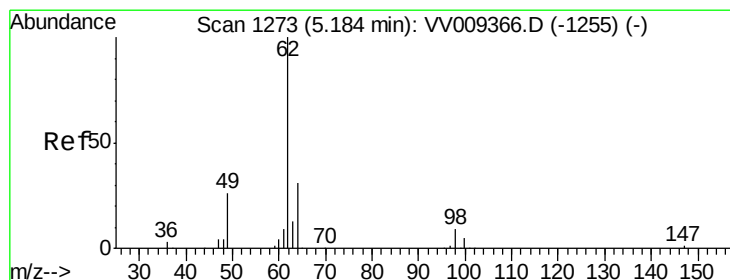
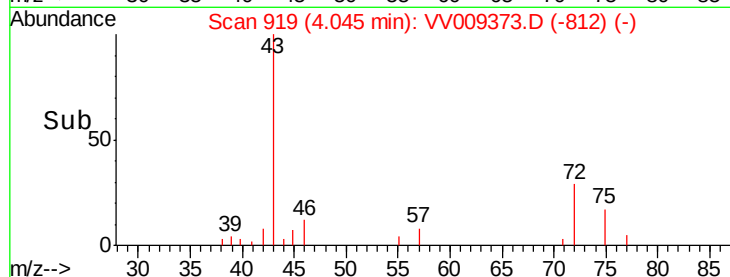
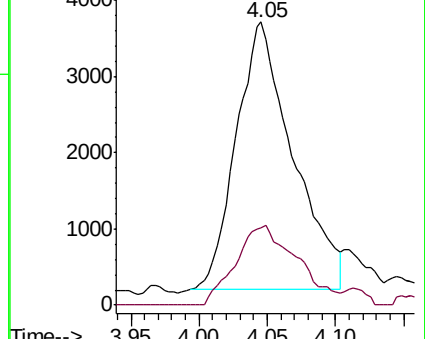
43 100

72 30.4 13.7 41.0



Abundance Ion 43.00 (42.70 to 43.70): VV009366.D (-894) (-)

Ion 72.00 (71.70 to 72.70): VV009366.D (-894) (-)



#27

1,2-Dichloroethane

Concen: 0.476 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV009373.D

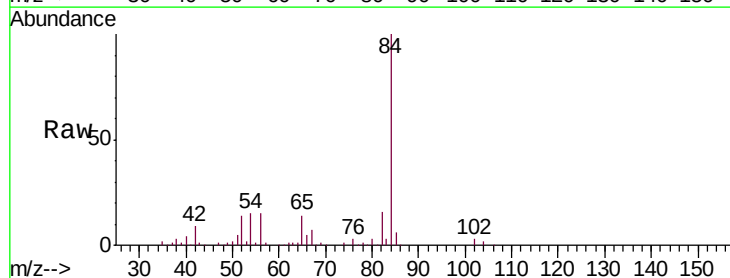
Acq: 26 Feb 2019 18:10

Tgt Ion: 62 Resp: 1331

Ion Ratio Lower Upper

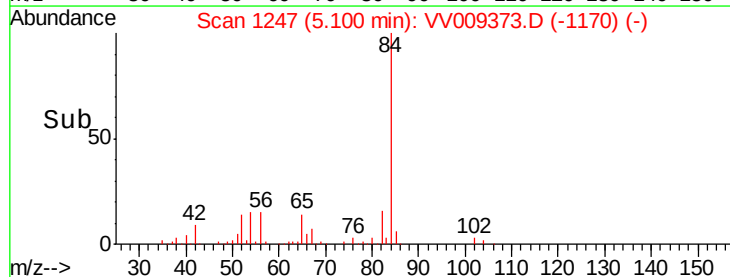
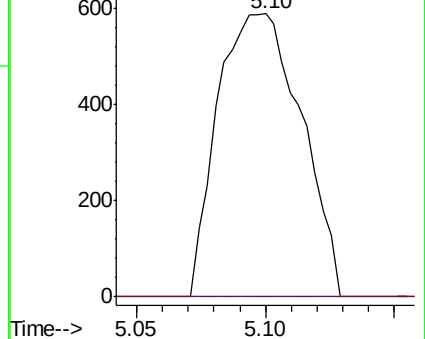
62 100

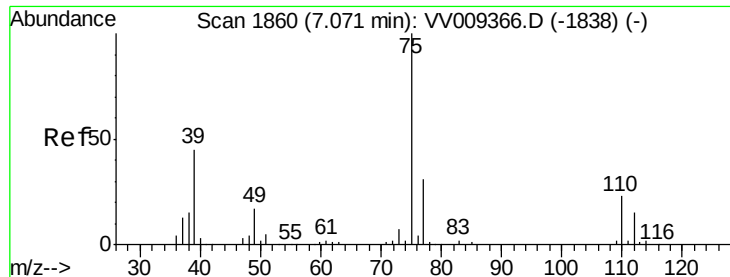
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV009366.D (-1255) (-)

Ion 98.00 (97.70 to 98.70): VV009366.D (-1255) (-)





#42

cis-1,3-Dichloropropene

Concen: 0.791 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV009373.D

Acq: 26 Feb 2019 18:10

Instrument :

MSVOA_V

ClientSampleId :

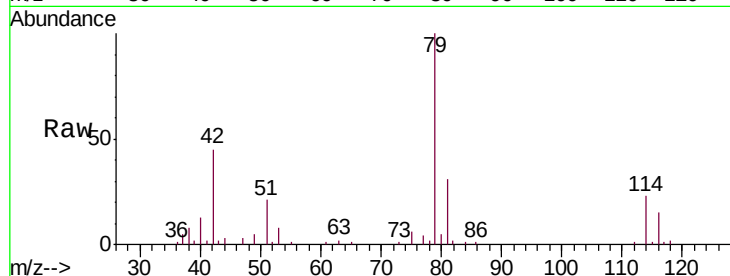
DB600

Tgt Ion: 75 Resp: 2367

Ion Ratio Lower Upper

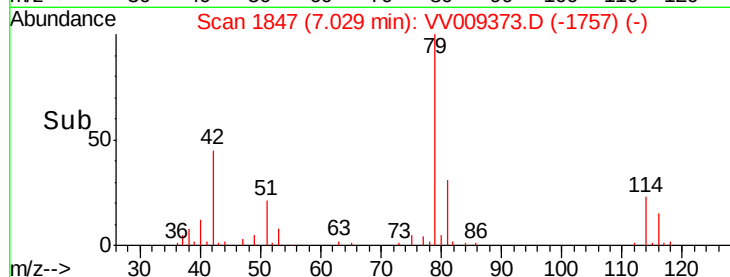
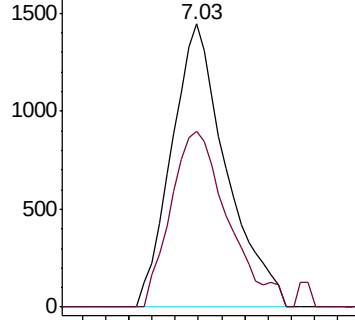
75 100

77 62.3 21.4 39.8#

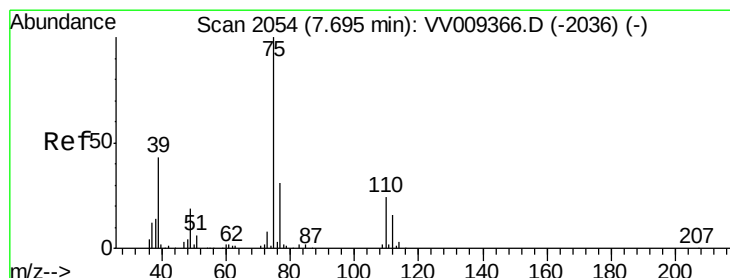


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.503 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009373.D

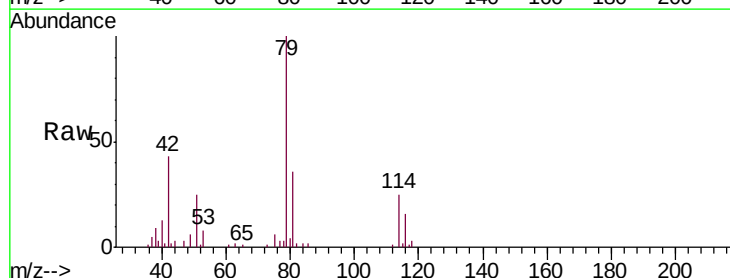
Acq: 26 Feb 2019 18:10

Tgt Ion: 75 Resp: 1364

Ion Ratio Lower Upper

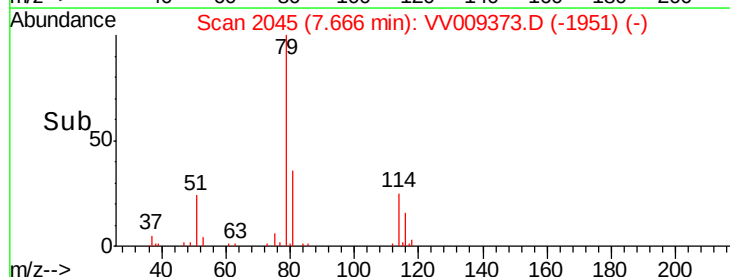
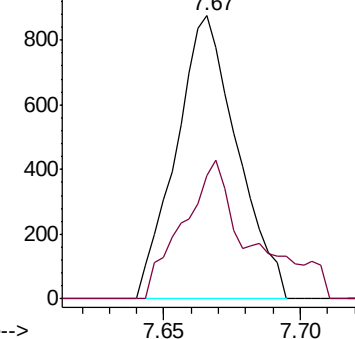
75 100

77 43.7 22.5 41.7#

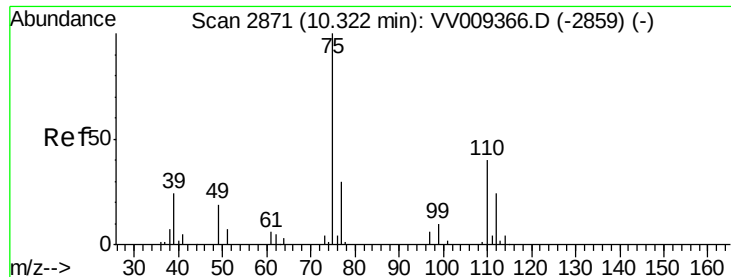


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.123 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009373.D

Acq: 26 Feb 2019 18:10

Instrument :

MSVOA_V

ClientSampleId :

DB600

Tgt Ion: 75 Resp: 6212

Ion Ratio Lower Upper

75 100

77 38.2 25.9 38.9

