

Data File : VV009371.D
Acq On : 26 Feb 2019 17:17
Operator : SY/MD
Sample : K1579-08
Misc : 7.48G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB605RE

Quant Time: Feb 27 04:47:39 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	5.67	114	73242	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	59160	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	18282	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23748	25.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.08%
7) Chloroethane-d5	1.57	69	22780	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.04%
10) 1,1-Dichloroethene-d2	2.13	63	49476	20.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.20%
20) 2-Butanone-d5	3.95	46	14078	50.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.42%
24) Chloroform-d	4.40	84	46046	25.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.68%
26) 1,2-Dichloroethane-d4	5.08	65	27158	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.52%
29) Benzene-d6	5.10	84	93113	29.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.44%
33) 1,2-Dichloropropane-d6	6.12	67	27703	30.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.24%#
37) Toluene-d8	7.36	98	82781	27.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.76%
38) trans-1,3-Dichloropropene-	7.67	79	12725	27.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.48%
39) 2-Hexanone-d5	8.14	63	11591	59.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	26325	29.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	17059	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds

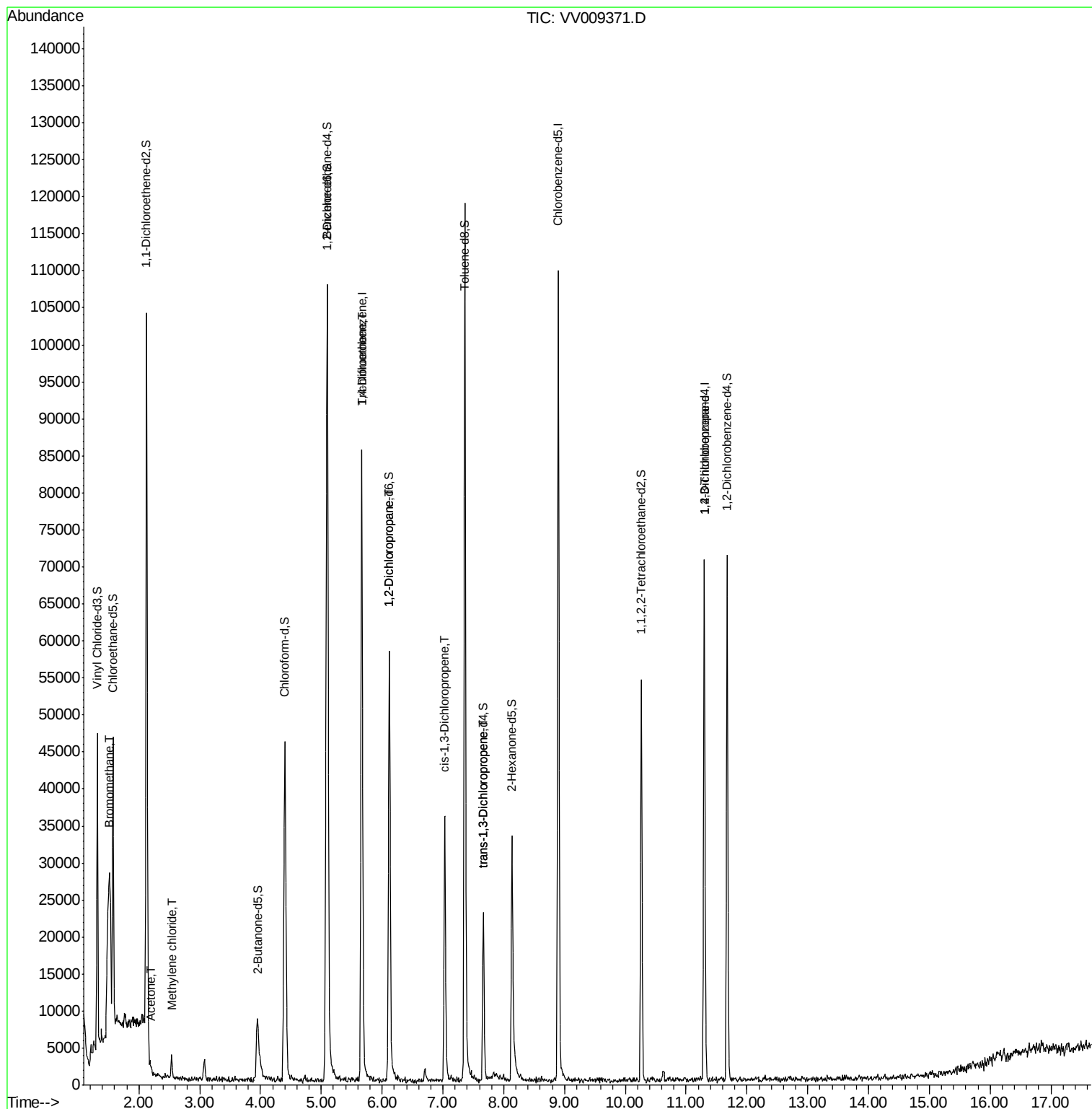
					Qvalue
6) Bromomethane	1.53	94	525	0.446 ug/L	29
13) Acetone	2.20	43	600	1.890 ug/L	87
16) Methylene chloride	2.53	84	1178	1.187 ug/L #	81
35) Trichloroethene	5.67	95	2335	2.557 ug/L #	6
40) 1,2-Dichloropropane	6.12	63	3282	4.005 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1045	0.803 ug/L #	62
45) trans-1,3-Dichloropropene	7.67	75	628	0.532 ug/L #	49
59) 1,2,3-Trichloropropane	11.30	75	2613	3.986 ug/L #	75

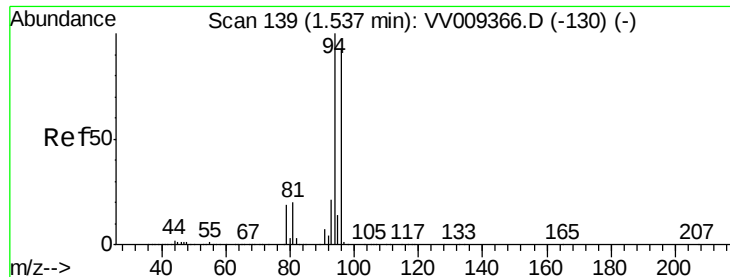
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.446 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.01 min

Lab File: VV009371.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_V

ClientSampled :

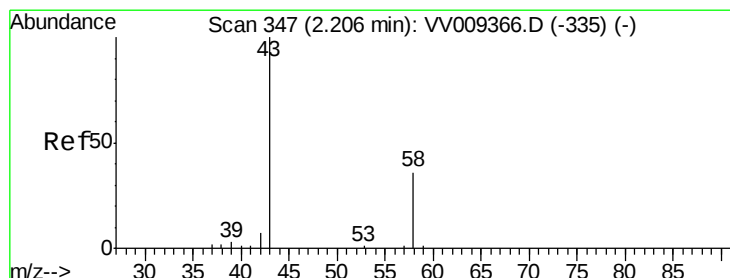
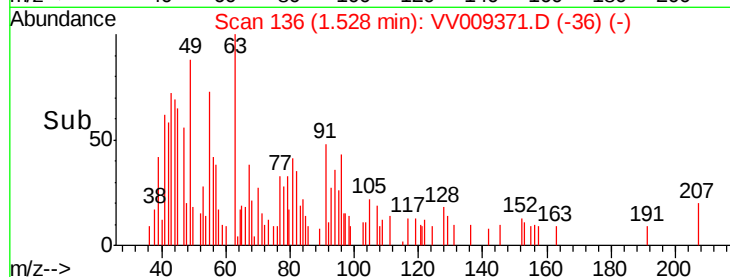
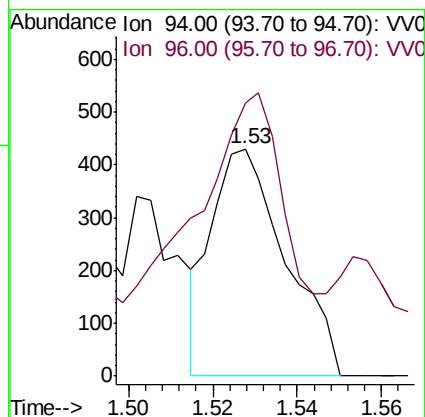
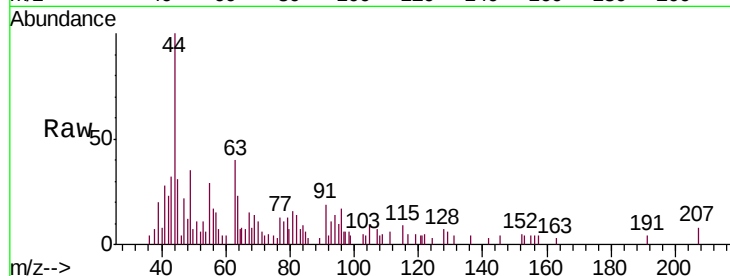
DB605RE

Tgt Ion: 94 Resp: 525

Ion Ratio Lower Upper

94 100

96 165.1 9.5 181.4



#13

Acetone

Concen: 1.890 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV009371.D

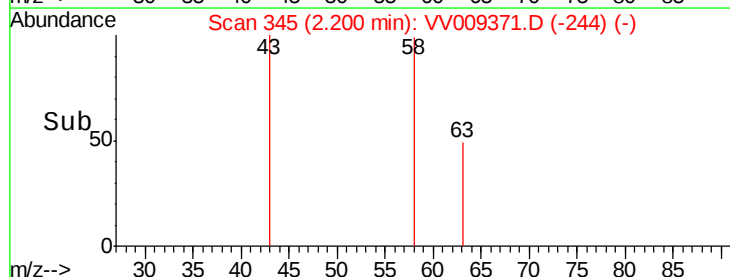
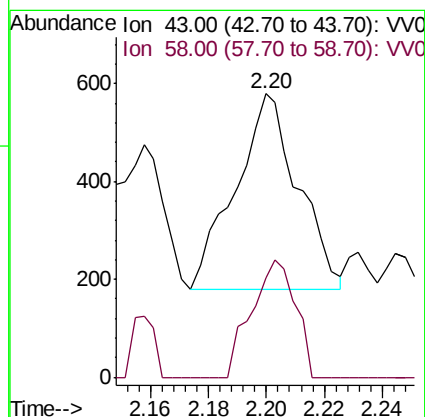
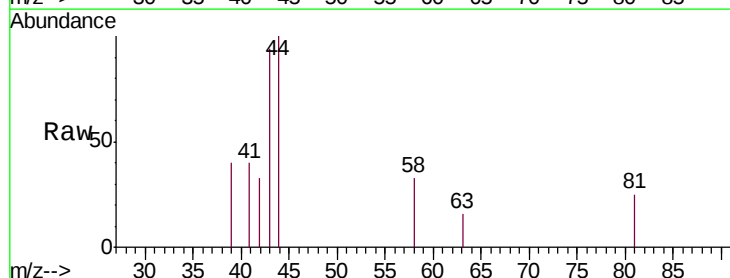
Acq: 26 Feb 2019 17:17

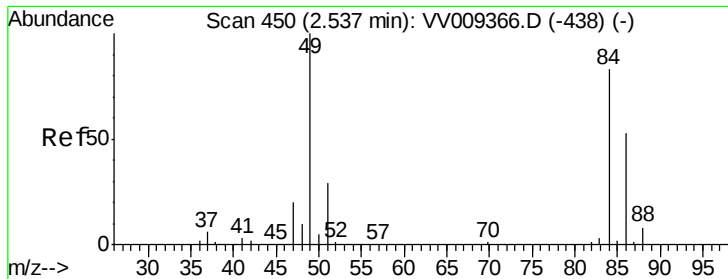
Tgt Ion: 43 Resp: 600

Ion Ratio Lower Upper

43 100

58 41.8 0.0 68.8

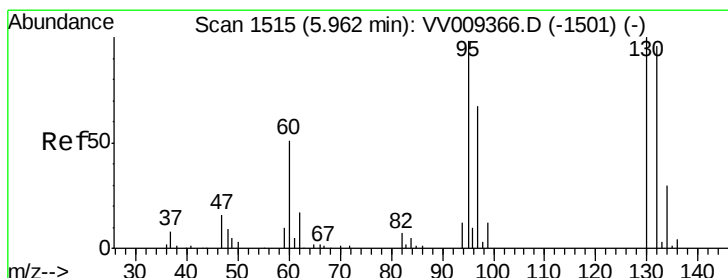
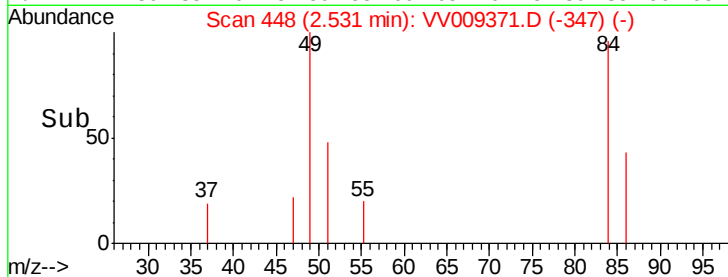
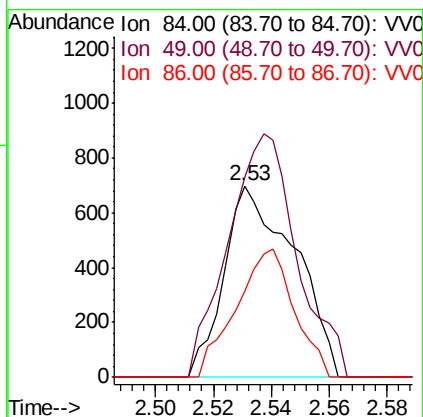
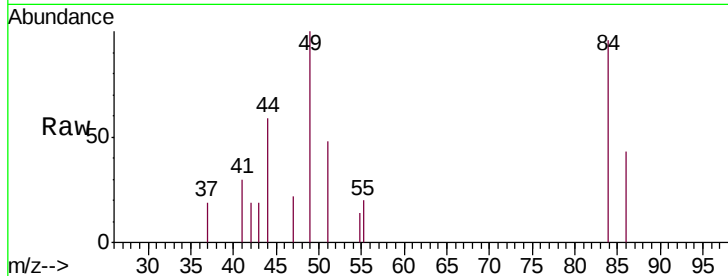




#16
Methylene chloride
Concen: 1.187 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV009371.D
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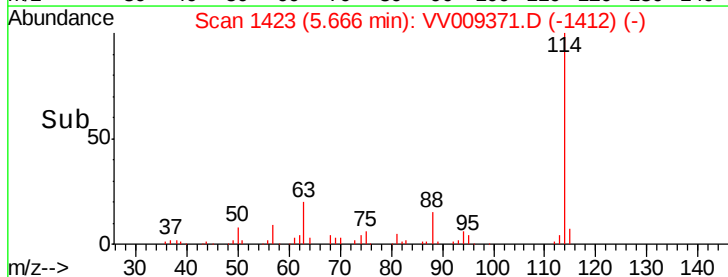
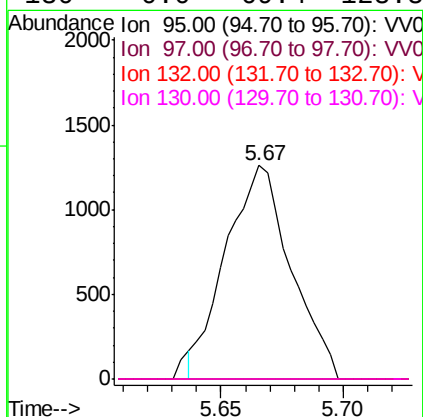
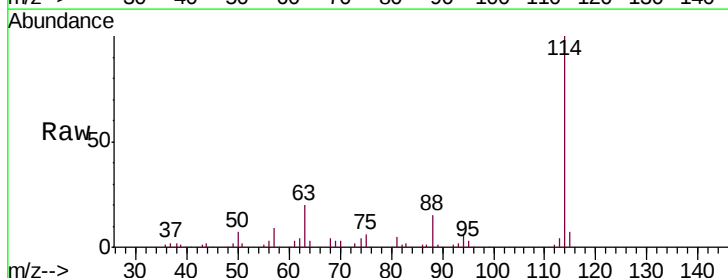
Instrument :
MSVOA_V
ClientSampleId :
DB605RE

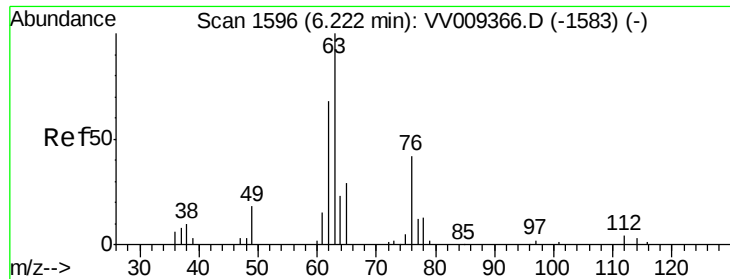
Tgt Ion: 84 Resp: 1178
Ion Ratio Lower Upper
84 100
49 104.1 84.6 157.0
86 45.2 46.1 85.7#



#35
Trichloroethene
Concen: 2.557 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.30 min
Lab File: VV009371.D
Acq: 26 Feb 2019 17:17

Tgt Ion: 95 Resp: 2335
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 64.4 119.6#
130 0.0 69.4 128.8#

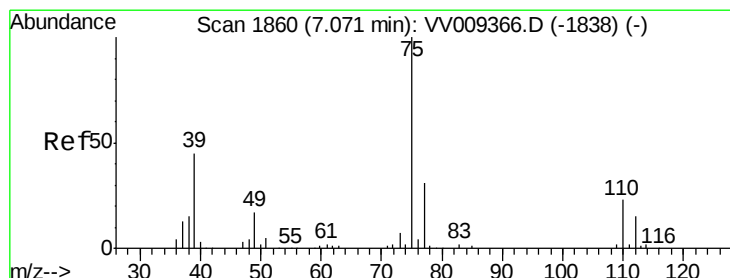
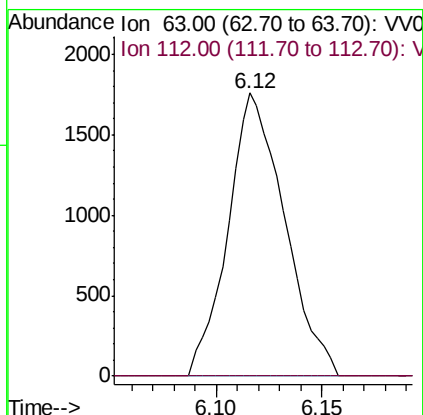
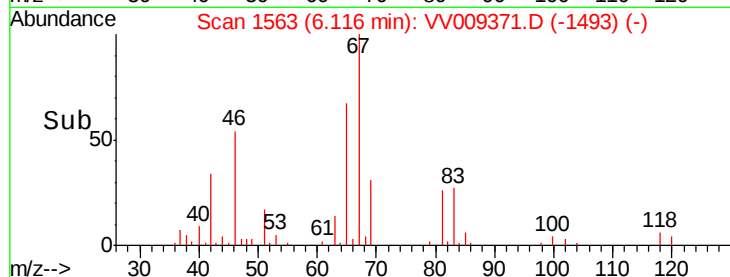
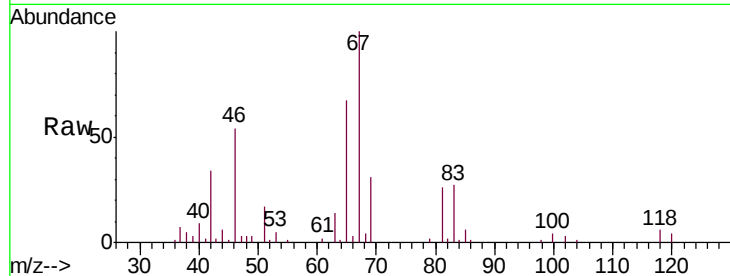




#40
 1,2-Dichloropropane
 Concen: 4.005 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV009371.D
 Acq: 26 Feb 2019 17:17

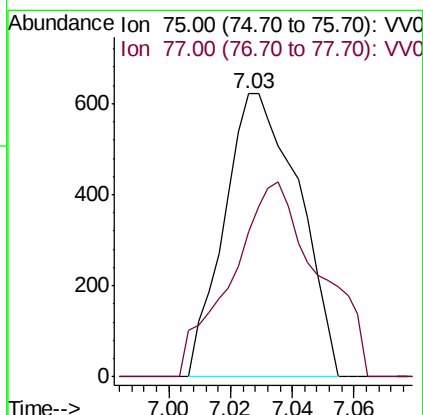
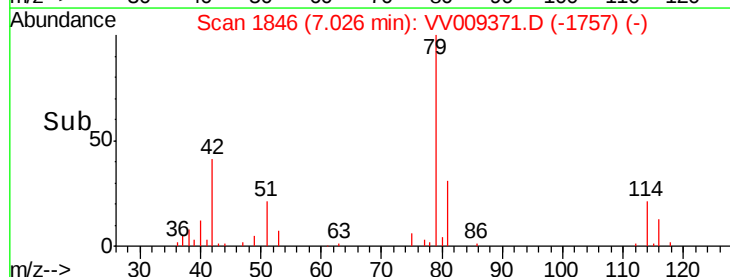
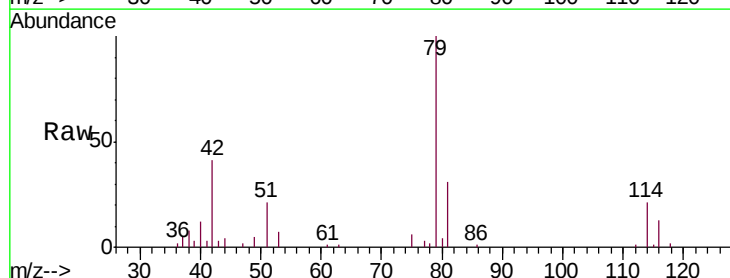
Instrument :
 MSVOA_V
 ClientSampleId :
 DB605RE

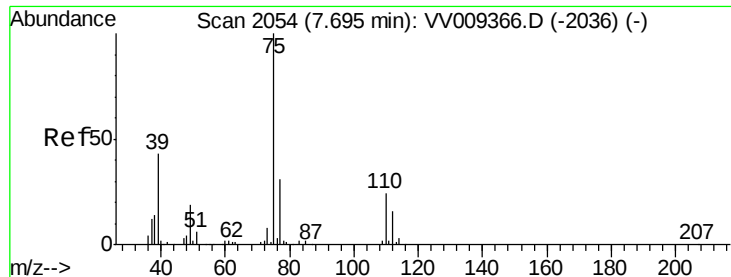
Tgt Ion: 63 Resp: 3282
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.803 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV009371.D
 Acq: 26 Feb 2019 17:17

Tgt Ion: 75 Resp: 1045
 Ion Ratio Lower Upper
 75 100
 77 51.1 21.4 39.8#





#45

trans-1,3-Dichloropropene

Concen: 0.532 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009371.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_V

ClientSampleId :

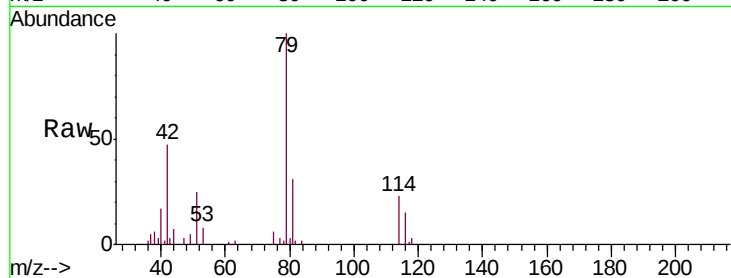
DB605RE

Tgt Ion: 75 Resp: 628

Ion Ratio Lower Upper

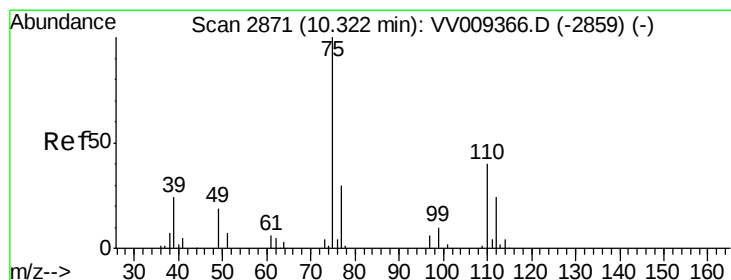
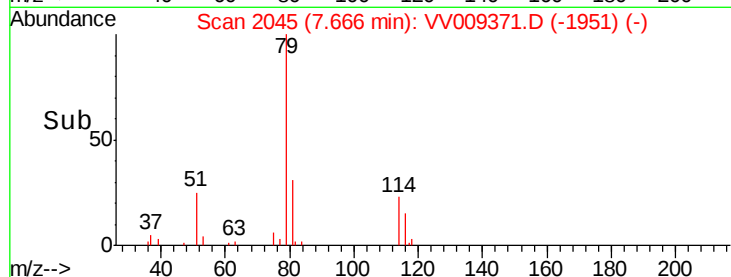
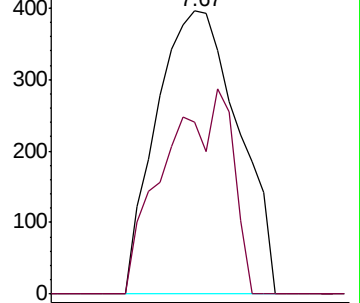
75 100

77 60.6 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 3.986 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009371.D

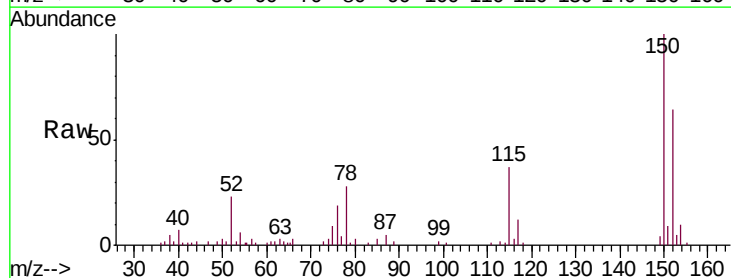
Acq: 26 Feb 2019 17:17

Tgt Ion: 75 Resp: 2613

Ion Ratio Lower Upper

75 100

77 46.3 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

