

Data File : VV009338.D
Acq On : 22 Feb 2019 19:25
Operator : SY/MD
Sample : K1579-08
Misc : 7.66G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB605

Quant Time: Feb 23 00:41:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95864	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81762	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28563	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34350	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
7) Chloroethane-d5	1.58	69	47152	31.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.00%
10) 1,1-Dichloroethene-d2	2.13	63	68300	21.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.12%
20) 2-Butanone-d5	3.95	46	18815	42.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.30%
24) Chloroform-d	4.40	84	56862	25.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.16%
26) 1,2-Dichloroethane-d4	5.08	65	32876	27.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.96%
29) Benzene-d6	5.10	84	117980	28.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.08%
33) 1,2-Dichloropropane-d6	6.12	67	38235	31.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.72%#
37) Toluene-d8	7.36	98	103209	26.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.76%
38) trans-1,3-Dichloropropene-	7.67	79	15594	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.64%
39) 2-Hexanone-d5	8.14	63	15791	47.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37818	28.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	27778	26.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.92%

Target Compounds

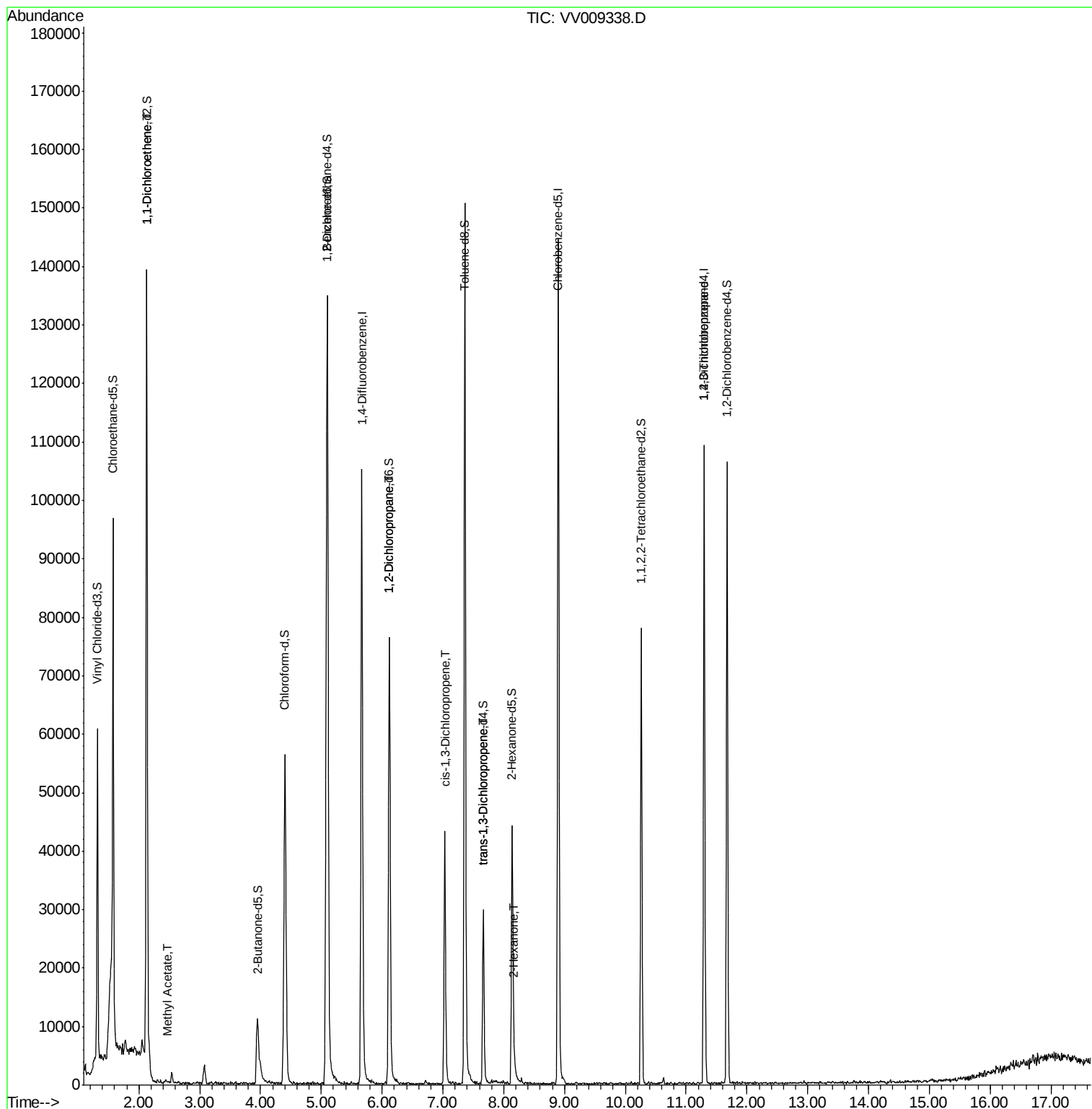
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	639	0.454	ug/L #	1
15) Methyl Acetate	2.47	43	378	0.594	ug/L #	48
40) 1,2-Dichloropropane	6.12	63	4302	3.965	ug/L #	85
42) cis-1,3-Dichloropropene	7.04	75	1164	0.632	ug/L #	46
45) trans-1,3-Dichloropropene	7.67	75	896	0.556	ug/L	92
49) 2-Hexanone	8.17	43	1507	2.151	ug/L #	47
59) 1,2,3-Trichloropropane	11.30	75	4126	4.223	ug/L	94

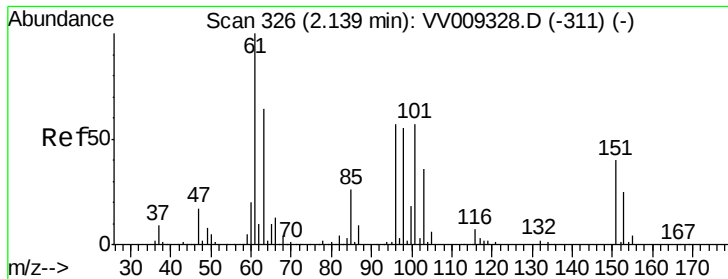
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.454 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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ClientSampleId :

DB605

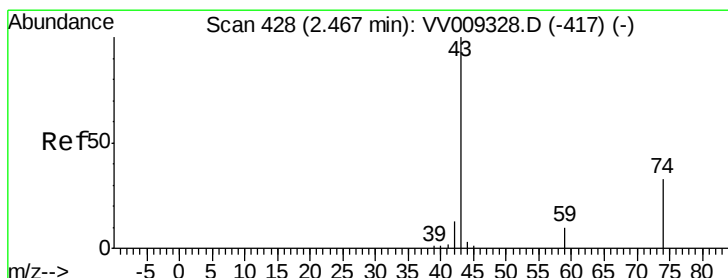
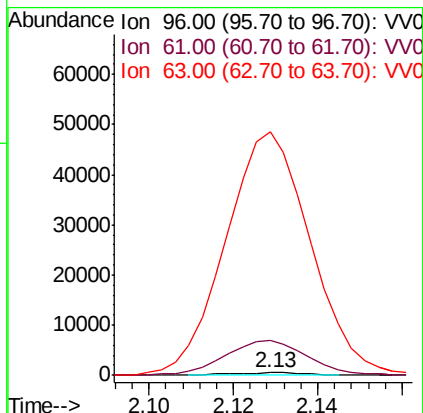
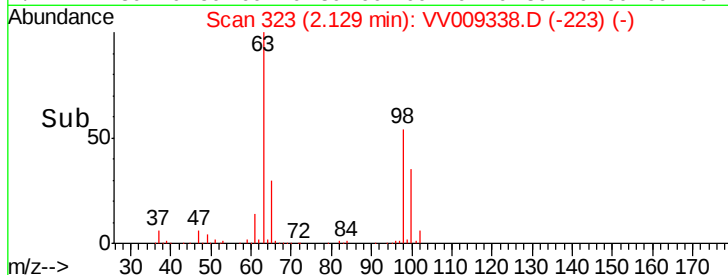
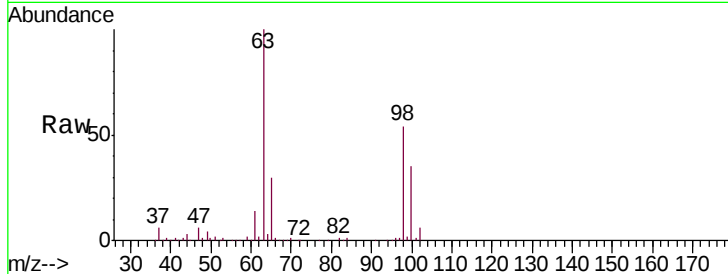
Tgt Ion: 96 Resp: 639

Ion Ratio Lower Upper

96 100

61 1432.7 123.3 228.9#

63 10111.7 88.4 164.2#



#15

Methyl Acetate

Concen: 0.594 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.01 min

Lab File: VV009338.D

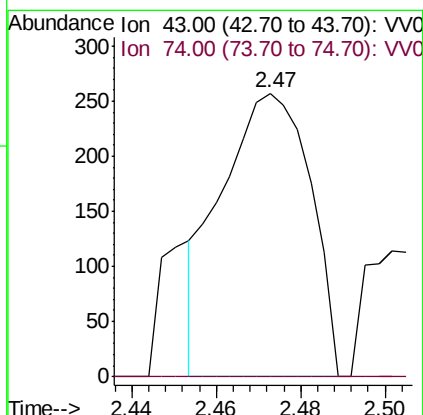
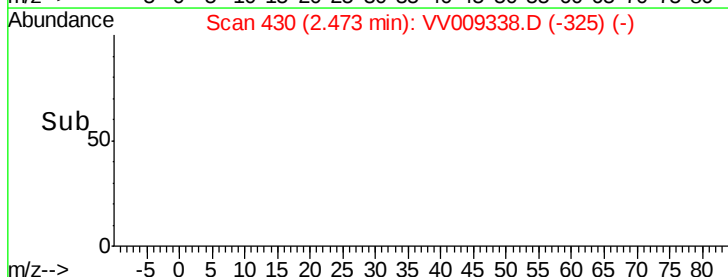
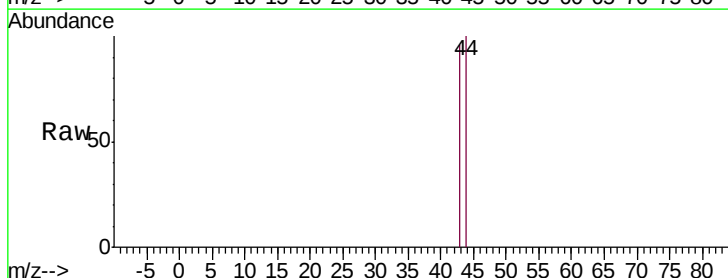
Acq: 22 Feb 2019 19:25

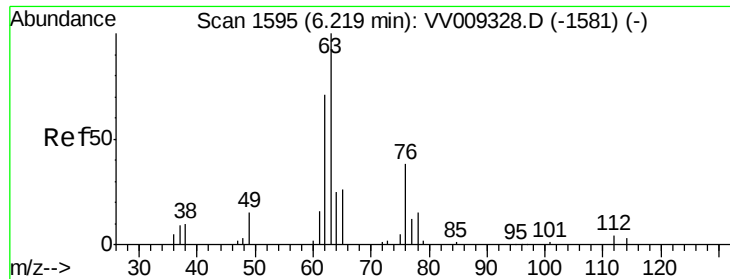
Tgt Ion: 43 Resp: 378

Ion Ratio Lower Upper

43 100

74 0.0 21.8 32.6#

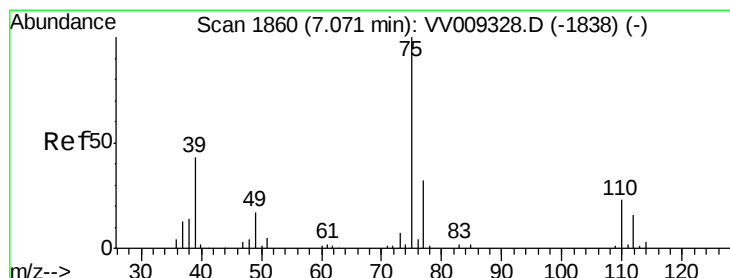
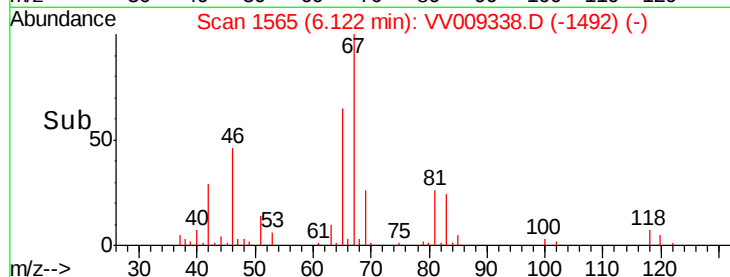
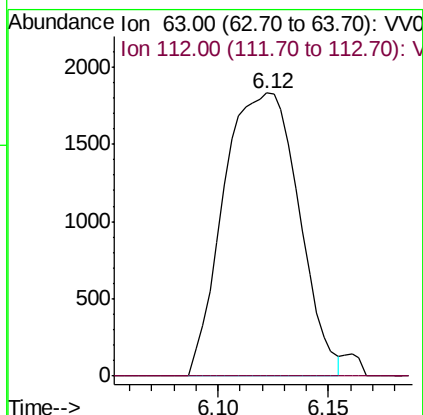
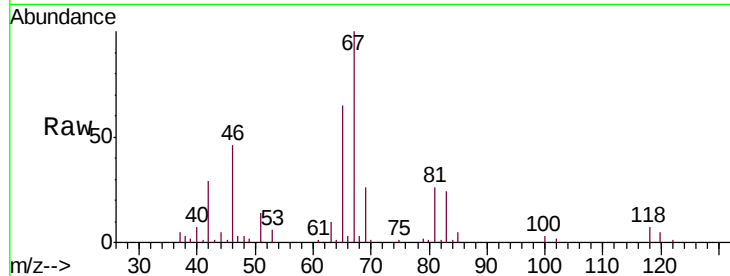




#40
 1,2-Dichloropropane
 Concen: 3.965 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV009338.D
 Acq: 22 Feb 2019 19:25

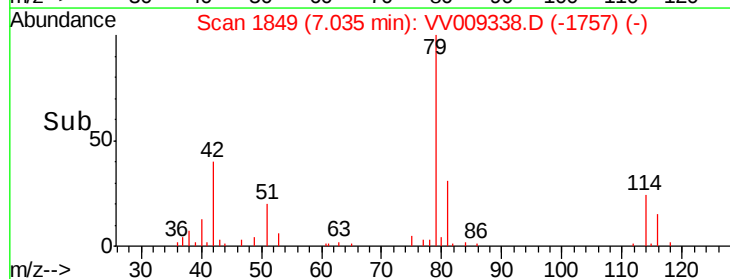
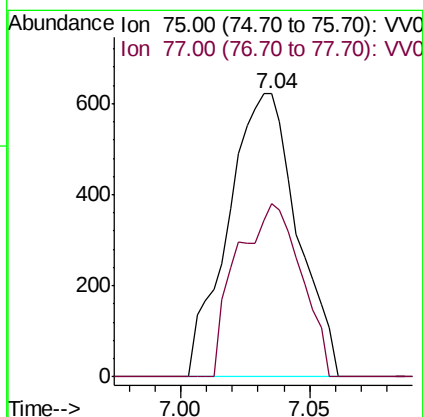
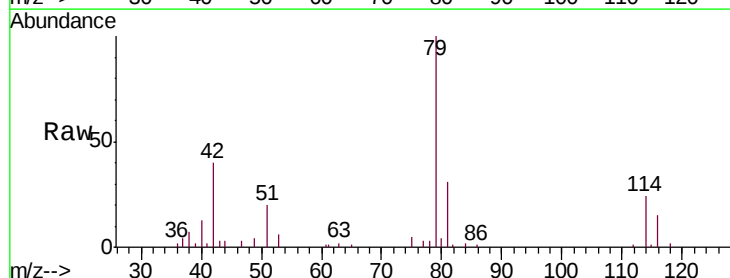
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 MSVOA_V
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 DB605

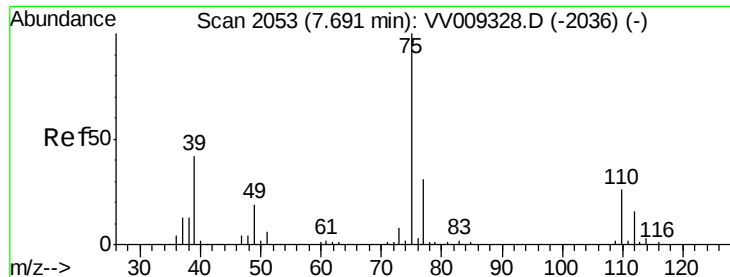
Tgt Ion: 63 Resp: 4302
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.632 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009338.D
 Acq: 22 Feb 2019 19:25

Tgt Ion: 75 Resp: 1164
 Ion Ratio Lower Upper
 75 100
 77 61.3 22.0 40.8#





#45

trans-1,3-Dichloropropene

Concen: 0.556 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV009338.D

Acq: 22 Feb 2019 19:25

Instrument :

MSVOA_V

ClientSampled :

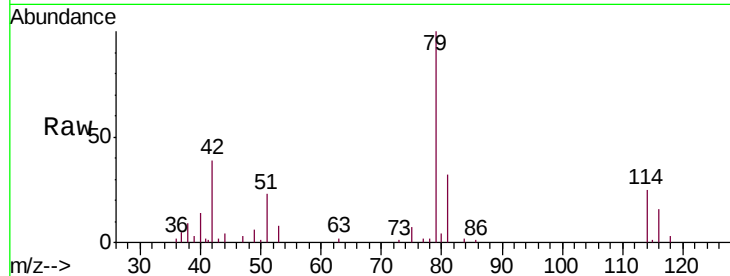
DB605

Tgt Ion: 75 Resp: 896

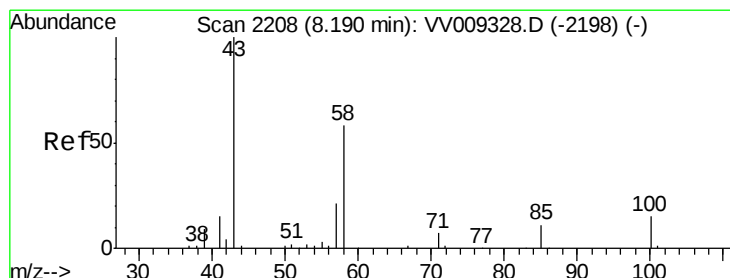
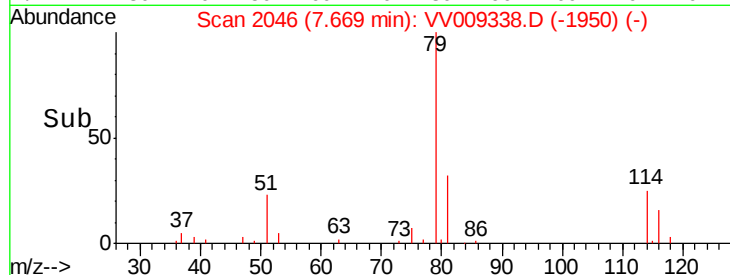
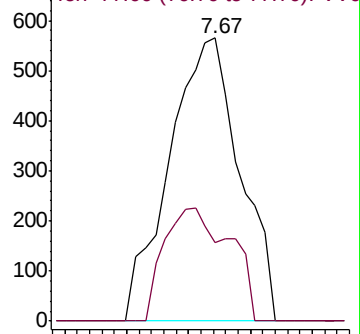
Ion Ratio Lower Upper

75 100

77 28.0 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VV009338.D (-1950) (-)



#49

2-Hexanone

Concen: 2.151 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. -0.02 min

Lab File: VV009338.D

Acq: 22 Feb 2019 19:25

Tgt Ion: 43 Resp: 1507

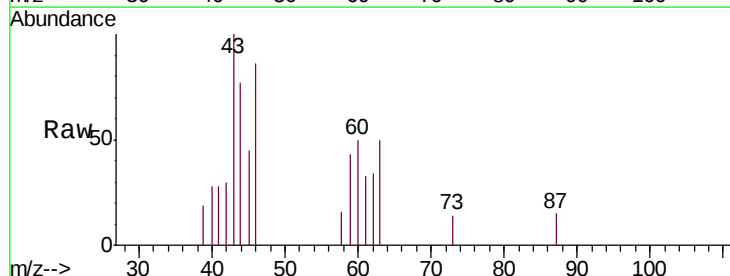
Ion Ratio Lower Upper

43 100

58 12.7 46.8 70.2#

57 0.0 14.2 21.2#

100 0.0 11.0 16.6#

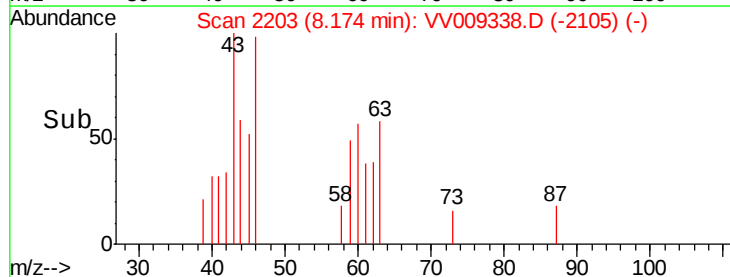
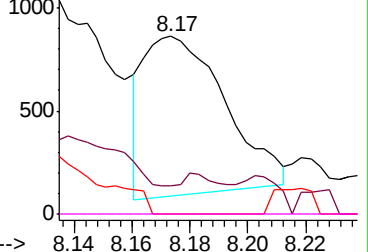


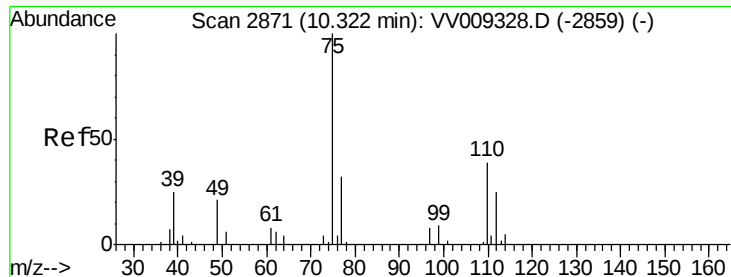
Abundance Ion 43.00 (42.70 to 43.70): VV009338.D (-2105) (-)

Ion 58.00 (57.70 to 58.70): VV009338.D (-2105) (-)

Ion 57.00 (56.70 to 57.70): VV009338.D (-2105) (-)

Ion 100.00 (99.70 to 100.70): VV009338.D (-2105) (-)





#59

1,2,3-Trichloropropane

Concen: 4.223 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009338.D

Acq: 22 Feb 2019 19:25

Instrument :

MSVOA_V

ClientSampleId :

DB605

Tgt Ion: 75 Resp: 4126

Ion Ratio Lower Upper

75 100

77 36.3 26.3 39.5

