

Data File : VV009103.D
Acq On : 21 Dec 2018 00:39
Operator : SY/MD
Sample : J6468-14
Misc : 6.38 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JH0

Quant Time: Dec 21 01:34:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	226776	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193150	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72356	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39441	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.24%
7) Chloroethane-d5	1.58	69	43460	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.28%
10) 1,1-Dichloroethene-d2	2.13	63	80556	13.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.92%
20) 2-Butanone-d5	3.94	46	30488	35.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.36%
24) Chloroform-d	4.40	84	126225	23.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	76487	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.84%
29) Benzene-d6	5.10	84	244674	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	6.12	67	78470	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.92%
37) Toluene-d8	7.36	98	218165	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.40%
38) trans-1,3-Dichloropropene-	7.67	79	31104	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.76%
39) 2-Hexanone-d5	8.14	63	20152	36.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55408	21.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.48%
61) 1,2-Dichlorobenzene-d4	11.68	152	63158	23.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.04%

Target Compounds

					Qvalue
13) Acetone	2.20	43	1478	1.174 ug/L	58
16) Methylene chloride	2.54	84	6710	1.757 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	23493	7.133 ug/L	94
25) Chloroform	4.42	83	2192	0.399 ug/L #	31
35) Trichloroethene	5.96	95	483268	138.520 ug/L	100
42) cis-1,3-Dichloropropene	7.03	75	2364	0.581 ug/L #	56
47) Tetrachloroethene	8.02	164	98239	34.625 ug/L	98
49) 2-Hexanone	8.19	43	4459	2.871 ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	8002	3.697 ug/L	92

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

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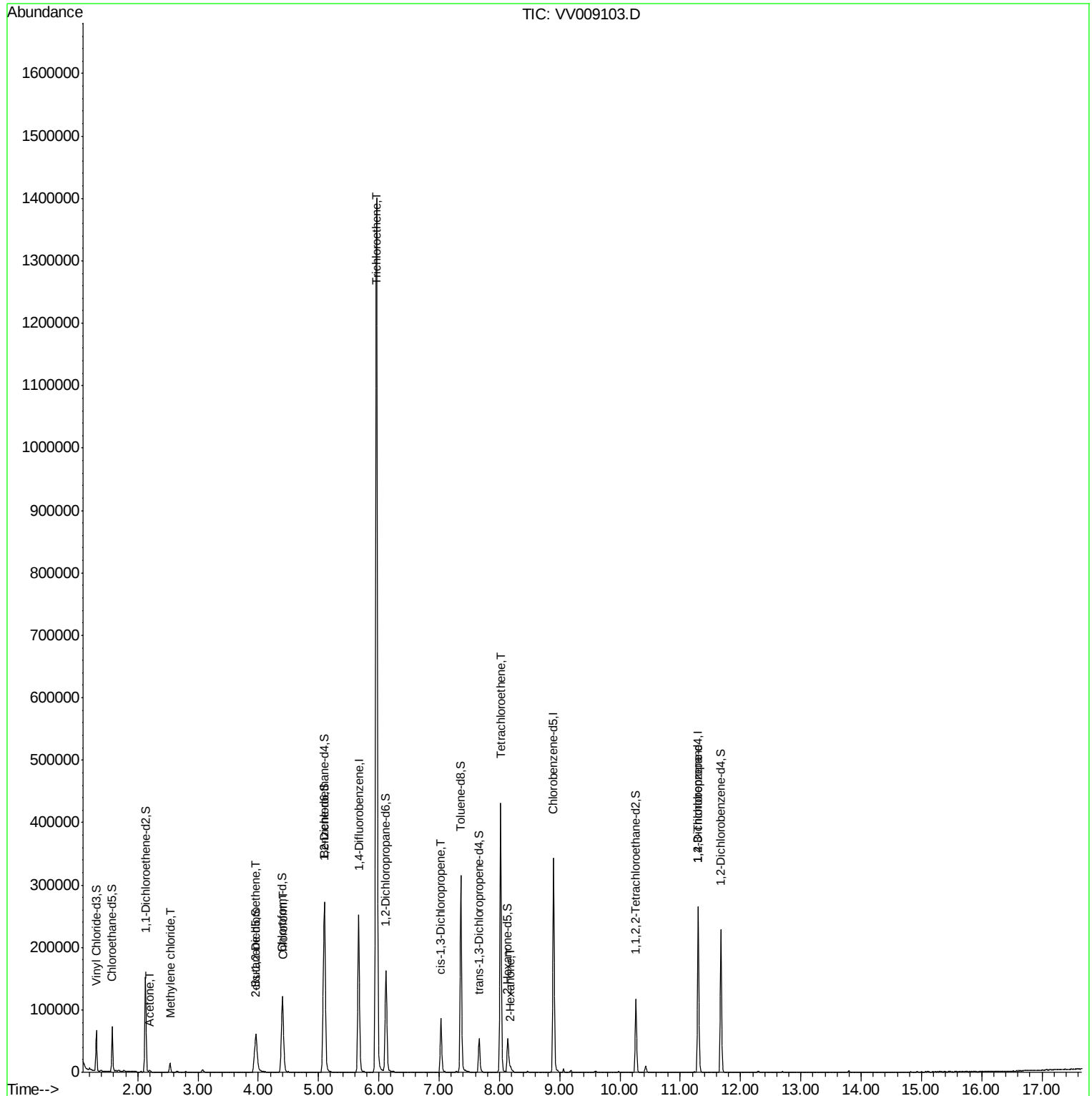
Quant Time: Dec 21 01:34:30 2018

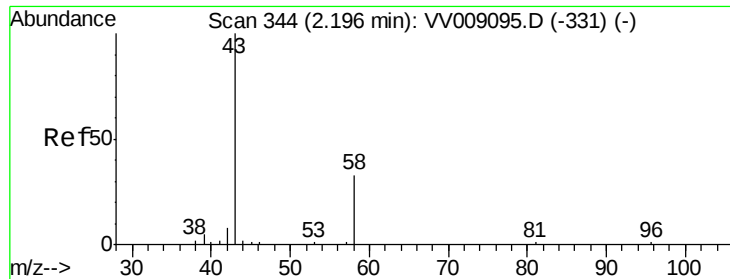
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M

Quant Title : VOC Analysis

QLast Update : Fri Dec 21 01:30:11 2018

Response via : Initial Calibration





#13

Acetone

Concen: 1.174 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

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Acq: 21 Dec 2018 00:39

Instrument :

MSVOA_V

ClientSampleId :

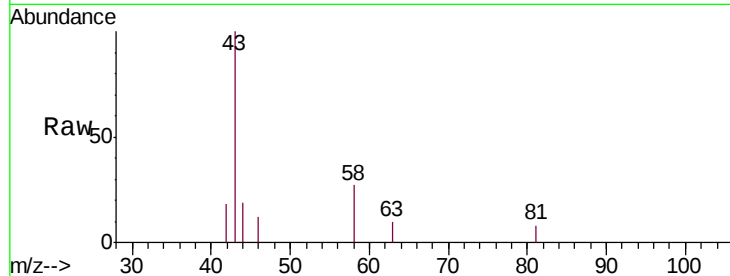
C0JH0

Tgt Ion: 43 Resp: 1478

Ion Ratio Lower Upper

43 100

58 56.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009095.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009095.D (-331) (-)

2.20

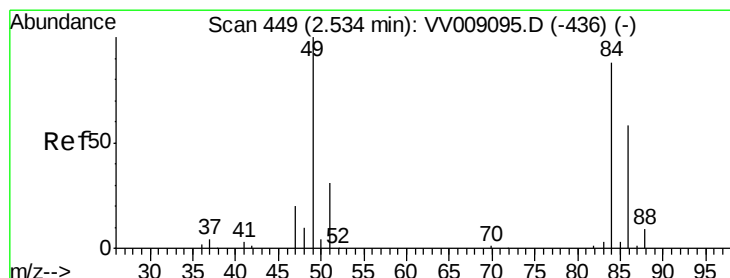
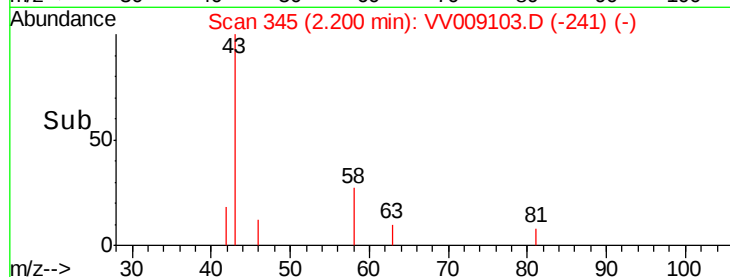
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 1.757 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009103.D

Acq: 21 Dec 2018 00:39

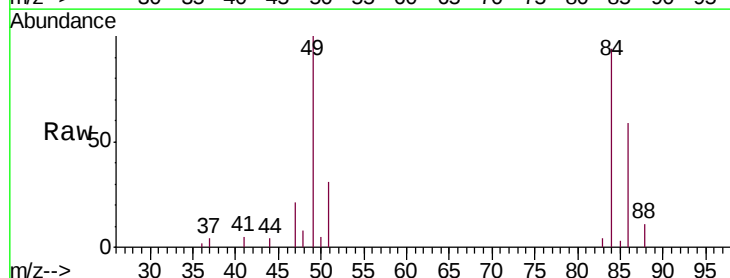
Tgt Ion: 84 Resp: 6710

Ion Ratio Lower Upper

84 100

49 106.1 80.5 149.5

86 62.5 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009095.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009095.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009095.D (-436) (-)

6000

5000

4000

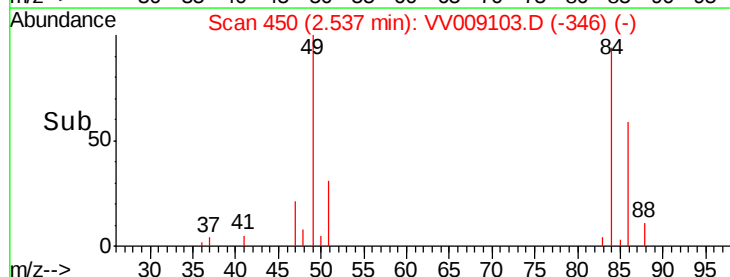
3000

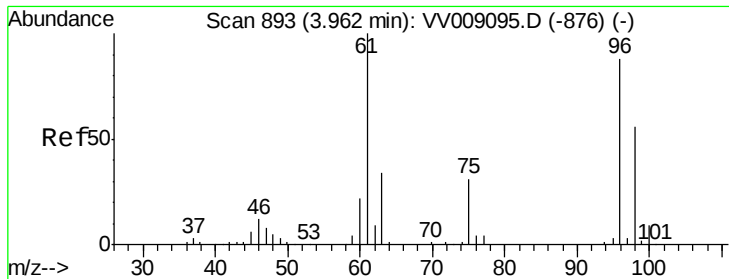
2000

1000

0

Time-->



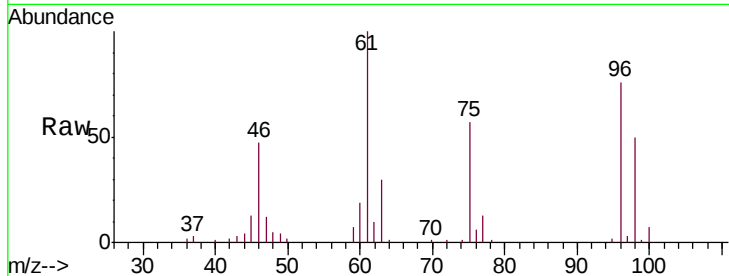


#22

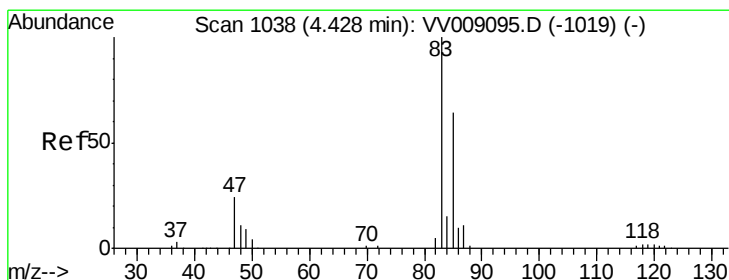
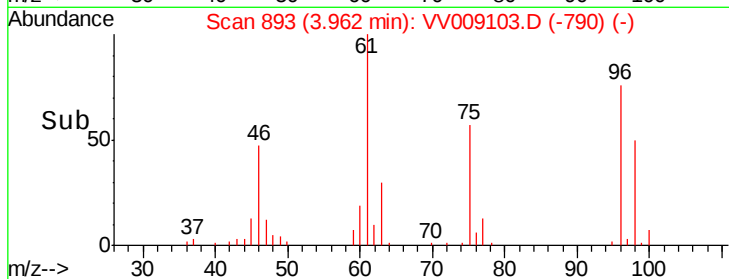
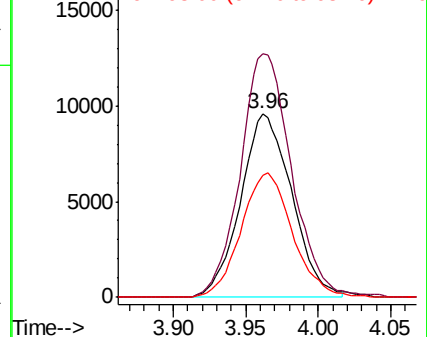
cis-1,2-Dichloroethene
Concen: 7.133 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009103.D
Acq: 21 Dec 2018 00:39

Instrument :
MSVOA_V
ClientSampleId :
C0JH0

Tgt Ion: 96 Resp: 23493
Ion Ratio Lower Upper
96 100
61 132.4 86.2 160.0
98 66.5 45.6 84.6



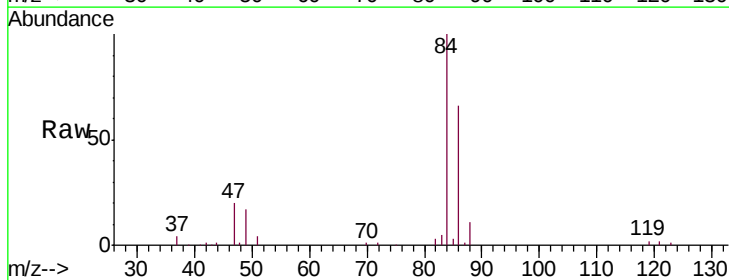
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



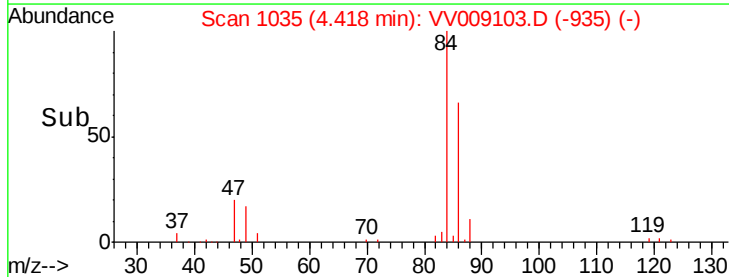
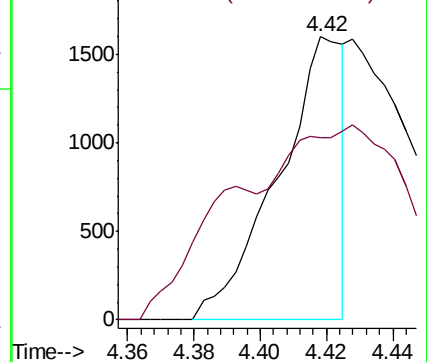
#25

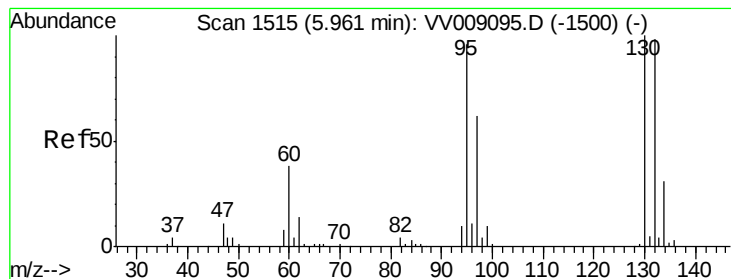
Chloroform
Concen: 0.399 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV009103.D
Acq: 21 Dec 2018 00:39

Tgt Ion: 83 Resp: 2192
Ion Ratio Lower Upper
83 100
85 10.3 45.6 84.8#



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0





#35

Trichloroethene

Concen: 138.520 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009103.D

Acq: 21 Dec 2018 00:39

Instrument :

MSVOA_V

ClientSampleId :

C0JH0

Tgt Ion: 95 Resp: 483268

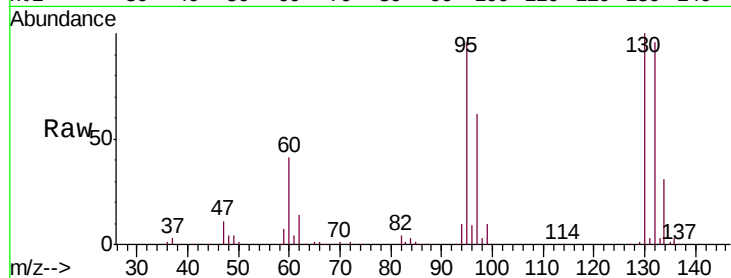
Ion Ratio Lower Upper

95 100

97 65.2 45.3 84.1

132 100.6 70.0 130.0

130 104.6 73.4 136.4

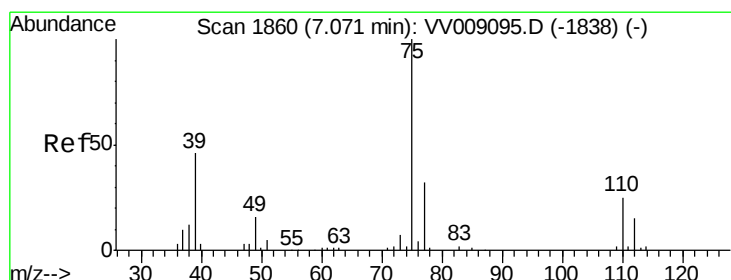
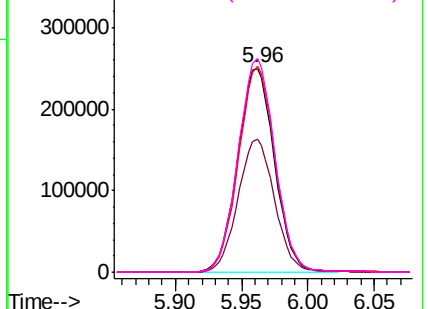
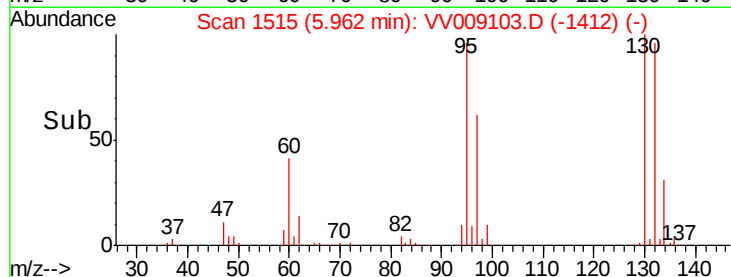


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.581 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009103.D

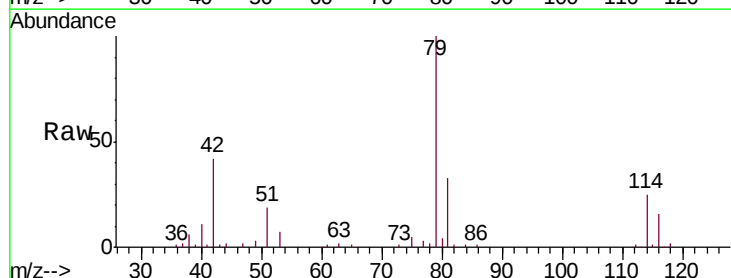
Acq: 21 Dec 2018 00:39

Tgt Ion: 75 Resp: 2364

Ion Ratio Lower Upper

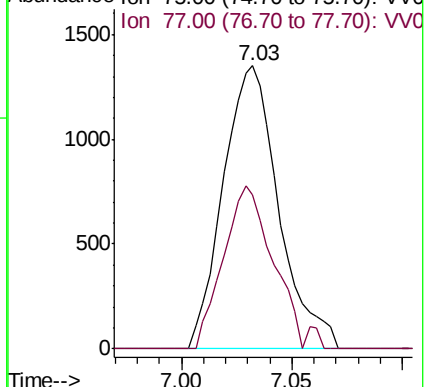
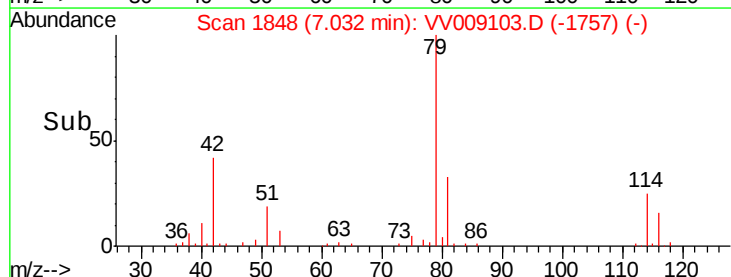
75 100

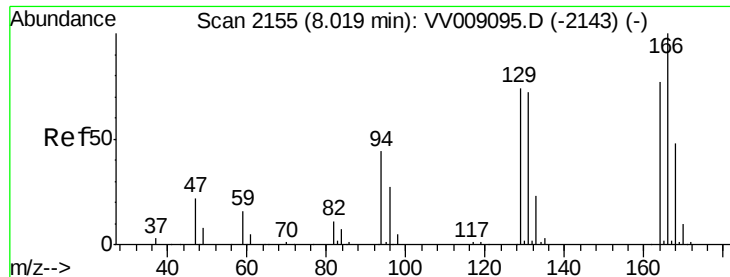
77 54.6 21.3 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

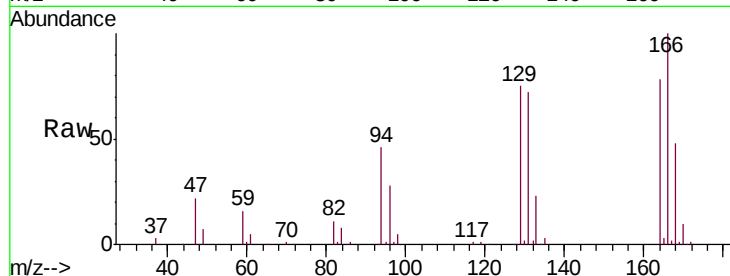




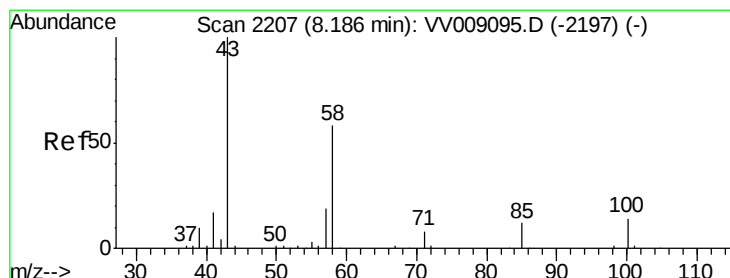
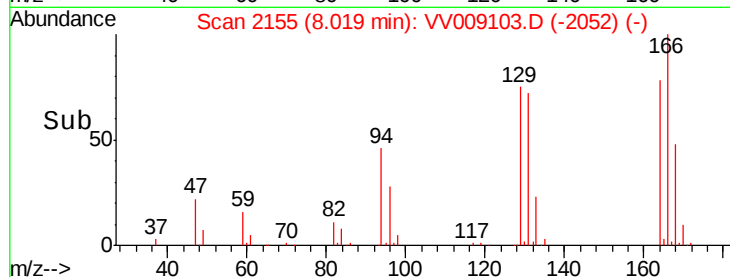
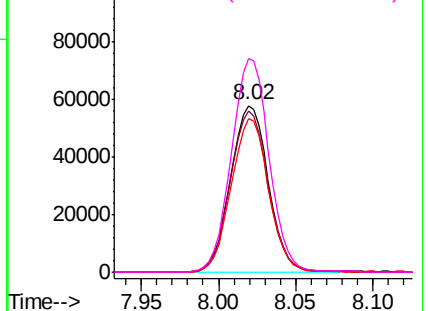
#47
Tetrachloroethene
Concen: 34.625 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009103.D
Acq: 21 Dec 2018 00:39

Instrument :
MSVOA_V
ClientSampleId :
C0JH0

Tgt Ion:164 Resp: 98239
Ion Ratio Lower Upper
164 100
129 96.6 64.6 120.0
131 91.8 64.5 119.7
166 128.1 88.7 164.7

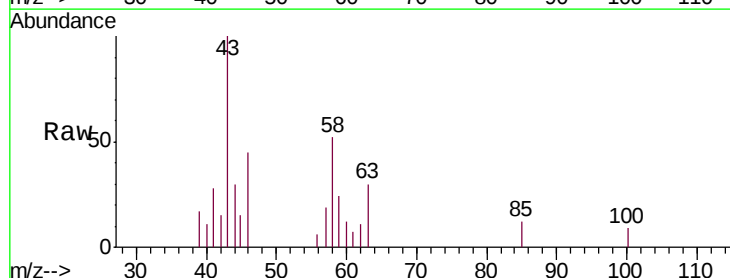


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

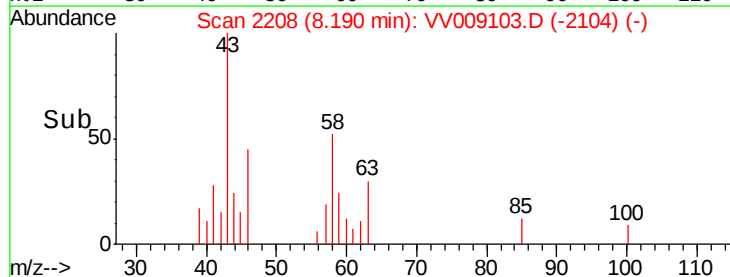
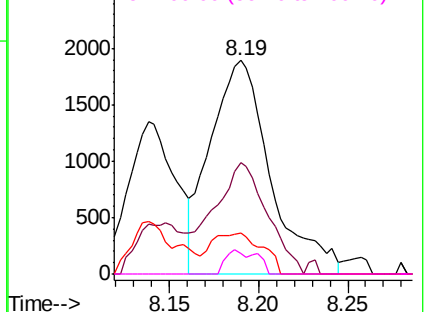


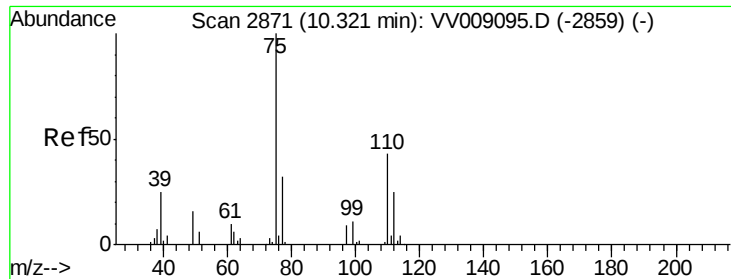
#49
2-Hexanone
Concen: 2.871 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV009103.D
Acq: 21 Dec 2018 00:39

Tgt Ion: 43 Resp: 4459
Ion Ratio Lower Upper
43 100
58 44.5 43.9 65.9
57 1.8 15.7 23.5#
100 3.7 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#59
 1,2,3-Trichloropropane
 Concen: 3.697 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009103.D
 Acq: 21 Dec 2018 00:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JH0

Tgt Ion: 75 Resp: 8002
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.6 38.4

