

Data File : VV009913.D
Acq On : 26 Mar 2019 23:49
Operator : SY/MD
Sample : K2101-06
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0K4

Quant Time: Mar 27 01:50:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143786	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144050	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59590	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64536	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
7) Chloroethane-d5	1.57	69	75613	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.96%
10) 1,1-Dichloroethene-d2	2.13	63	144504	18.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	29642	54.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.04%
24) Chloroform-d	4.40	84	67089	18.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.24%
26) 1,2-Dichloroethane-d4	5.08	65	56988	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.40%
29) Benzene-d6	5.10	84	190684	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	6.12	67	60086	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.60%
37) Toluene-d8	7.36	98	171322	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	7.66	79	19080	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.28%
39) 2-Hexanone-d5	8.13	63	20750	50.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52419	23.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	57351	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

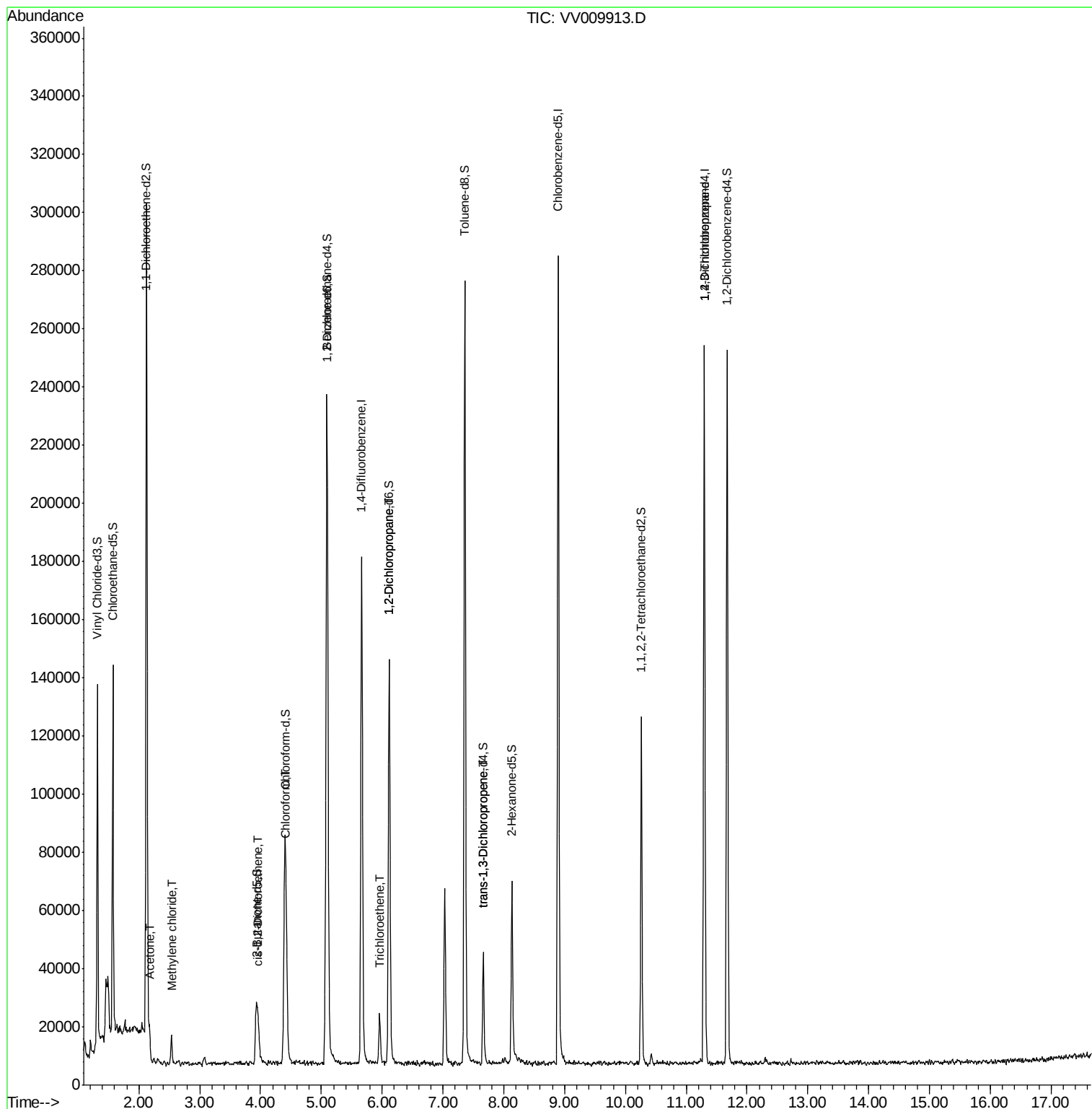
					Qvalue
13) Acetone	2.18	43	1390	1.688 ug/L	83
16) Methylene chloride	2.54	84	3629	1.533 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	5669	2.725 ug/L	80
25) Chloroform	4.43	83	27795	7.296 ug/L	96
35) Trichloroethene	5.96	95	4904	2.350 ug/L	90
40) 1,2-Dichloropropane	6.12	63	7340	3.713 ug/L #	92
45) trans-1,3-Dichloropropene	7.66	75	1158	0.491 ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	9938	6.249 ug/L	91

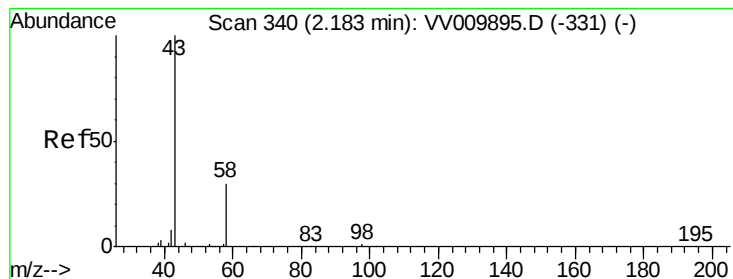
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.688 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

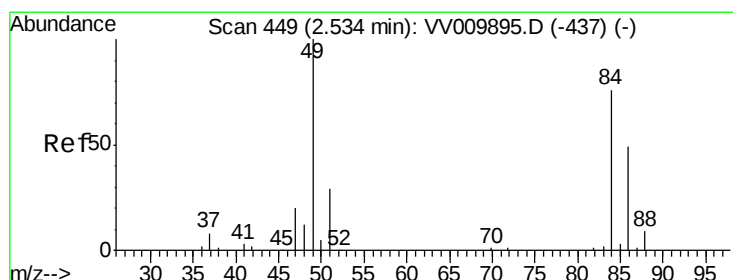
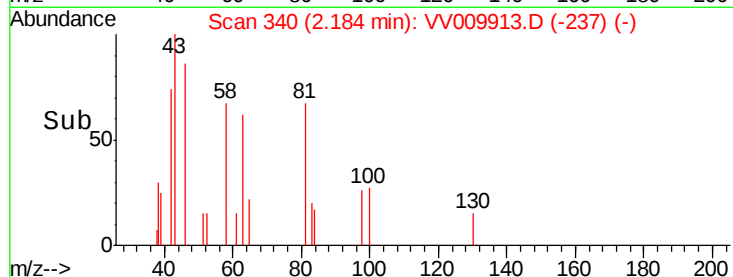
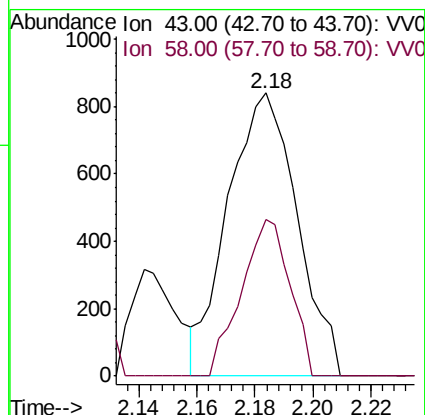
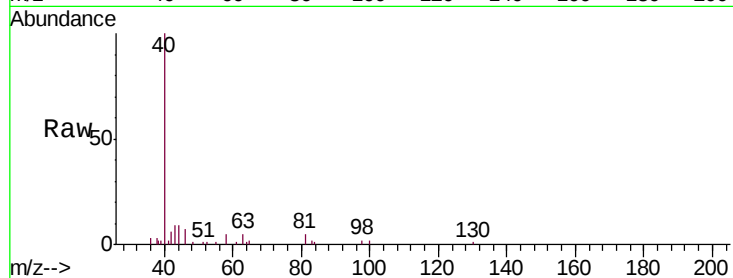
BF0K4

Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

43 100

58 38.9 0.0 59.4



#16

Methylene chloride

Concen: 1.533 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009913.D

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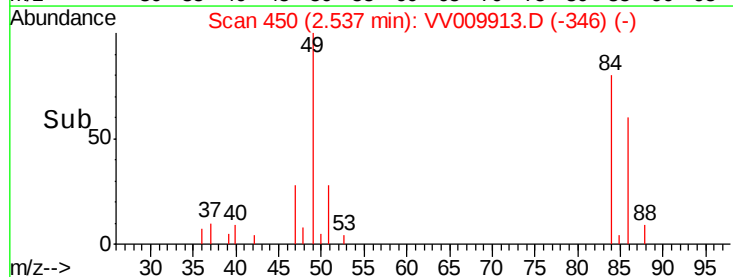
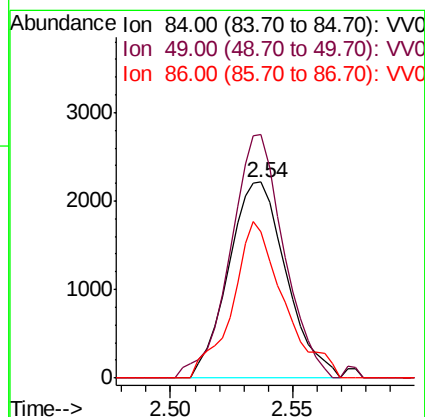
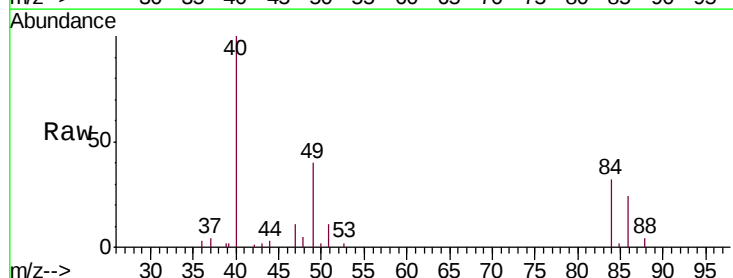
Tgt Ion: 84 Resp: 3629

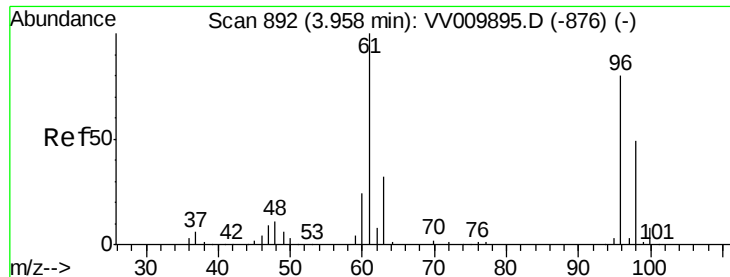
Ion Ratio Lower Upper

84 100

49 124.3 90.4 167.8

86 74.5 44.0 81.6



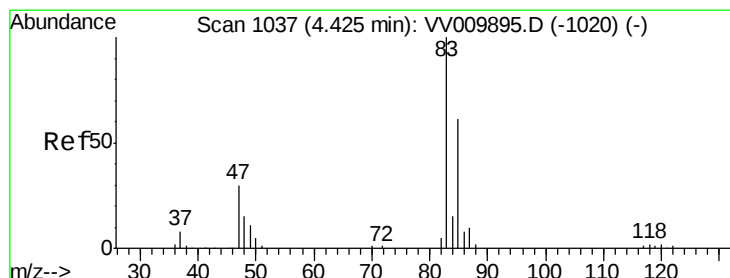
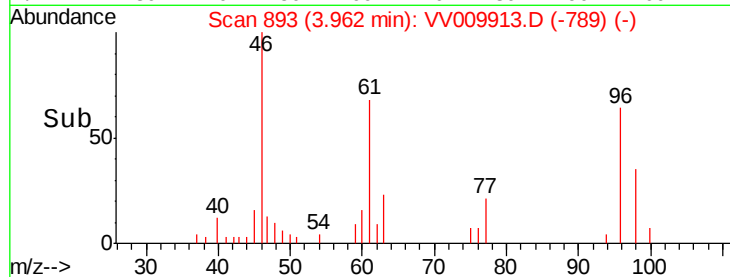
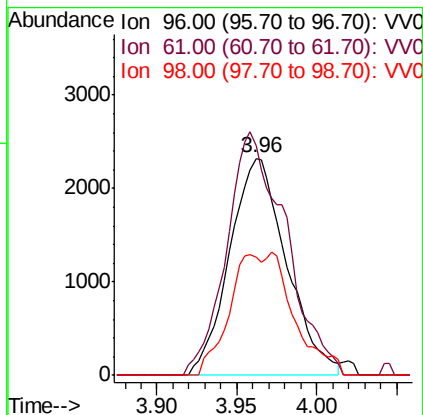
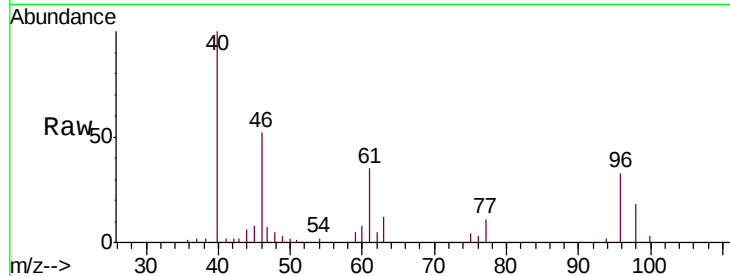


#22

cis-1,2-Dichloroethene
 Concen: 2.725 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
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Instrument :
 MSVOA_V
 ClientSampleId :
 BF0K4

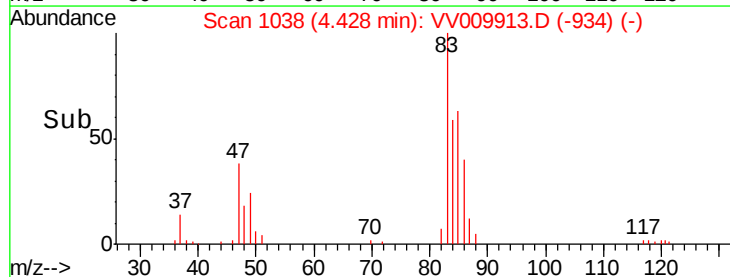
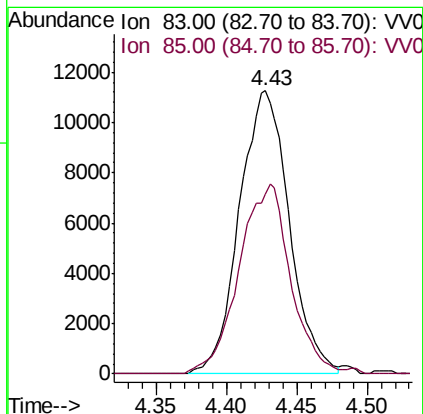
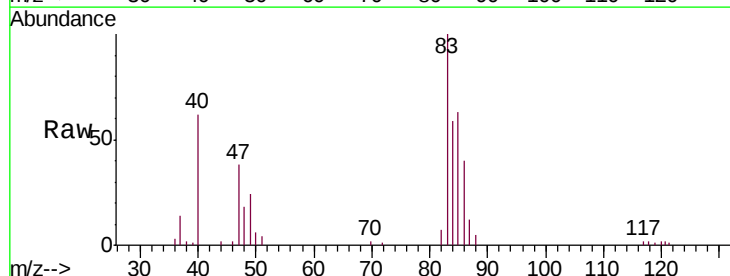
Tgt Ion: 96 Resp: 5669
 Ion Ratio Lower Upper
 96 100
 61 105.9 91.4 169.8
 98 54.3 48.0 89.2

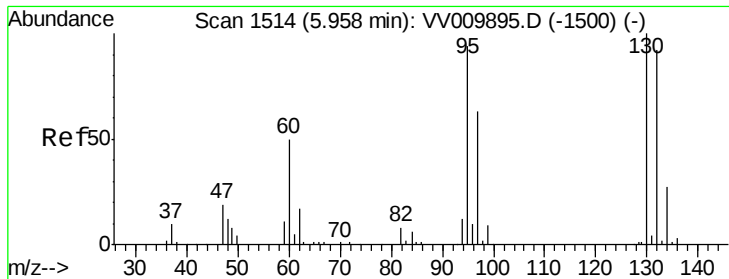


#25

Chloroform
 Concen: 7.296 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VV009913.D
 Acq: 26 Mar 2019 23:49

Tgt Ion: 83 Resp: 27795
 Ion Ratio Lower Upper
 83 100
 85 69.2 46.1 85.7





#35

Trichloroethene

Concen: 2.350 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009913.D

Acq: 26 Mar 2019 23:49

Instrument :

MSVOA_V

ClientSampleId :

BF0K4

Tgt Ion: 95 Resp: 4904

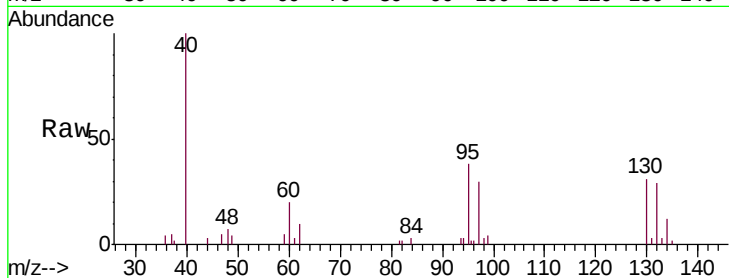
Ion Ratio Lower Upper

95 100

97 71.1 46.3 85.9

132 89.2 69.3 128.7

130 87.2 69.5 129.1

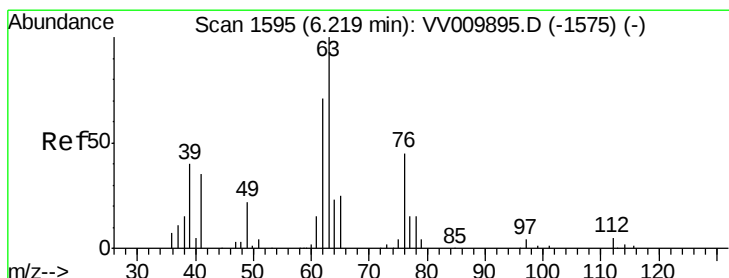
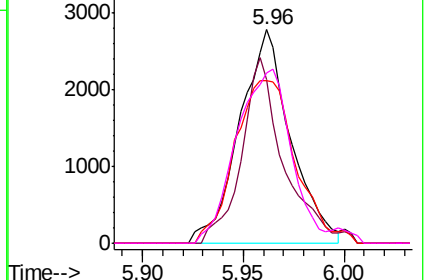
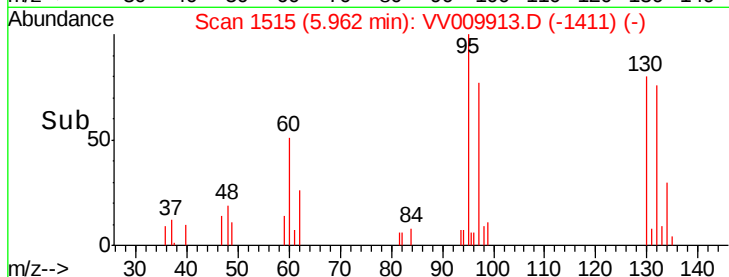


Abundance Ion 95.00 (94.70 to 95.70): VV009895.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV009895.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV009895.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV009895.D (-1500) (-)



#40

1,2-Dichloropropane

Concen: 3.713 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV009913.D

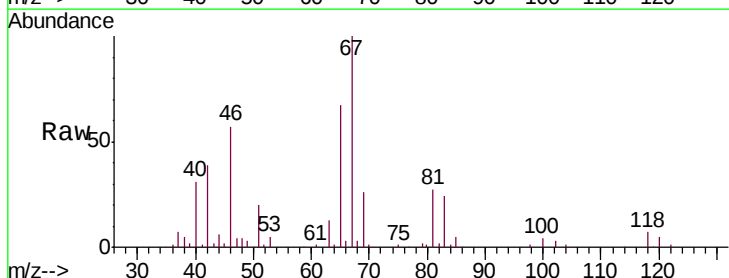
Acq: 26 Mar 2019 23:49

Tgt Ion: 63 Resp: 7340

Ion Ratio Lower Upper

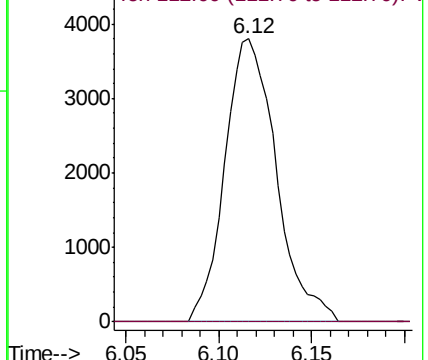
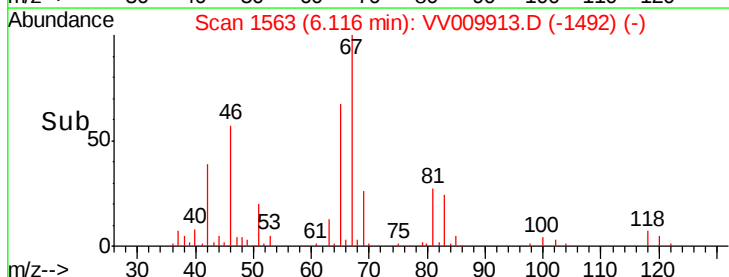
63 100

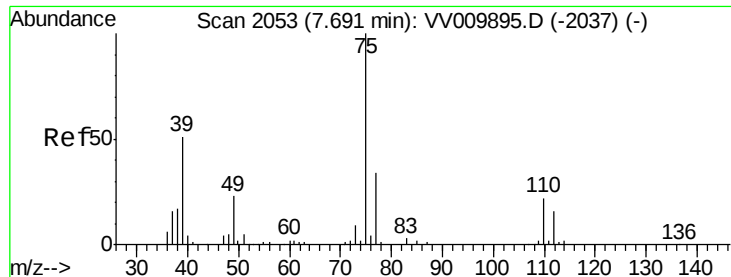
112 0.0 2.1 3.1#



Abundance Ion 63.00 (62.70 to 63.70): VV009895.D (-1575) (-)

Ion 112.00 (111.70 to 112.70): VV009895.D (-1575) (-)





#45

trans-1,3-Dichloropropene

Concen: 0.491 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV009913.D

Acq: 26 Mar 2019 23:49

Instrument :

MSVOA_V

ClientSampleId :

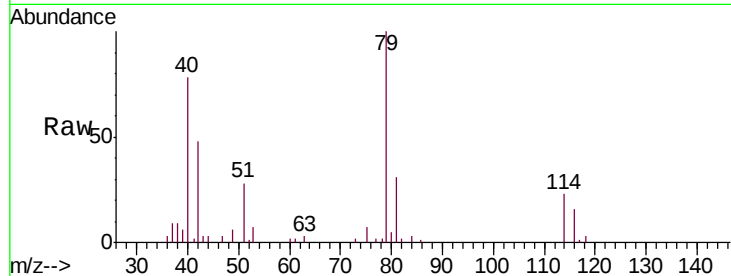
BF0K4

Tgt Ion: 75 Resp: 1158

Ion Ratio Lower Upper

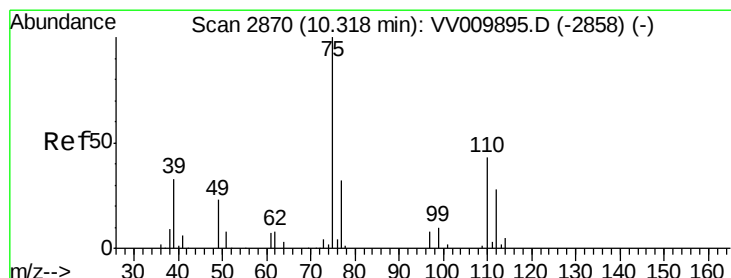
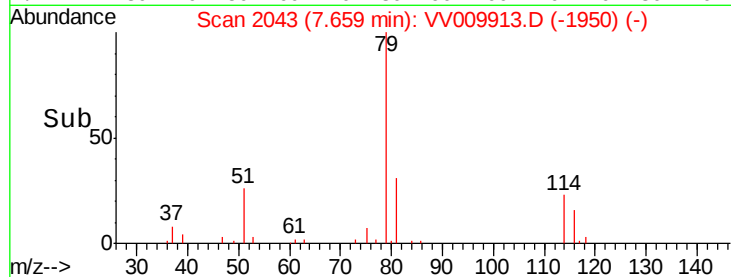
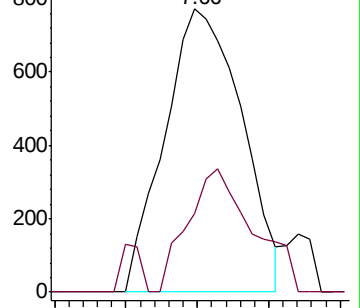
75 100

77 27.8 20.7 38.5



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: 6.249 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009913.D

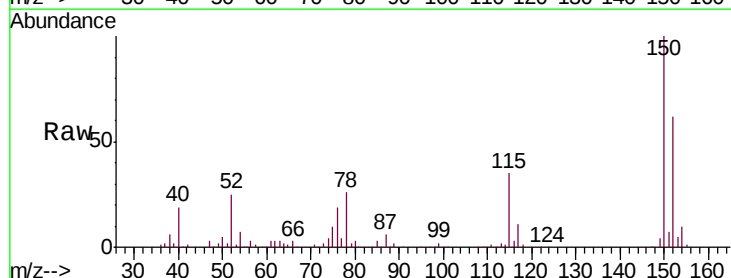
Acq: 26 Mar 2019 23:49

Tgt Ion: 75 Resp: 9938

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

