

Data File : VV009906.D
Acq On : 26 Mar 2019 20:46
Operator : SY/MD
Sample : K2083-20
Misc : 6.21G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J7

Quant Time: Mar 27 01:48:49 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	154138	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157569	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64645	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75368	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
7) Chloroethane-d5	1.57	69	84502	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.04%
10) 1,1-Dichloroethene-d2	2.13	63	162595	19.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.00%
20) 2-Butanone-d5	3.93	46	24986	42.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.74%
24) Chloroform-d	4.52	84	254	0.06	ug/L	0.13
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.24%#
26) 1,2-Dichloroethane-d4	5.08	65	59206	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.20%
29) Benzene-d6	5.10	84	217881	26.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.32%
33) 1,2-Dichloropropane-d6	6.12	67	66130	27.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.28%
37) Toluene-d8	7.36	98	196134	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	7.66	79	20251	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.80%
39) 2-Hexanone-d5	8.13	63	16607	36.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50045	20.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	63670	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

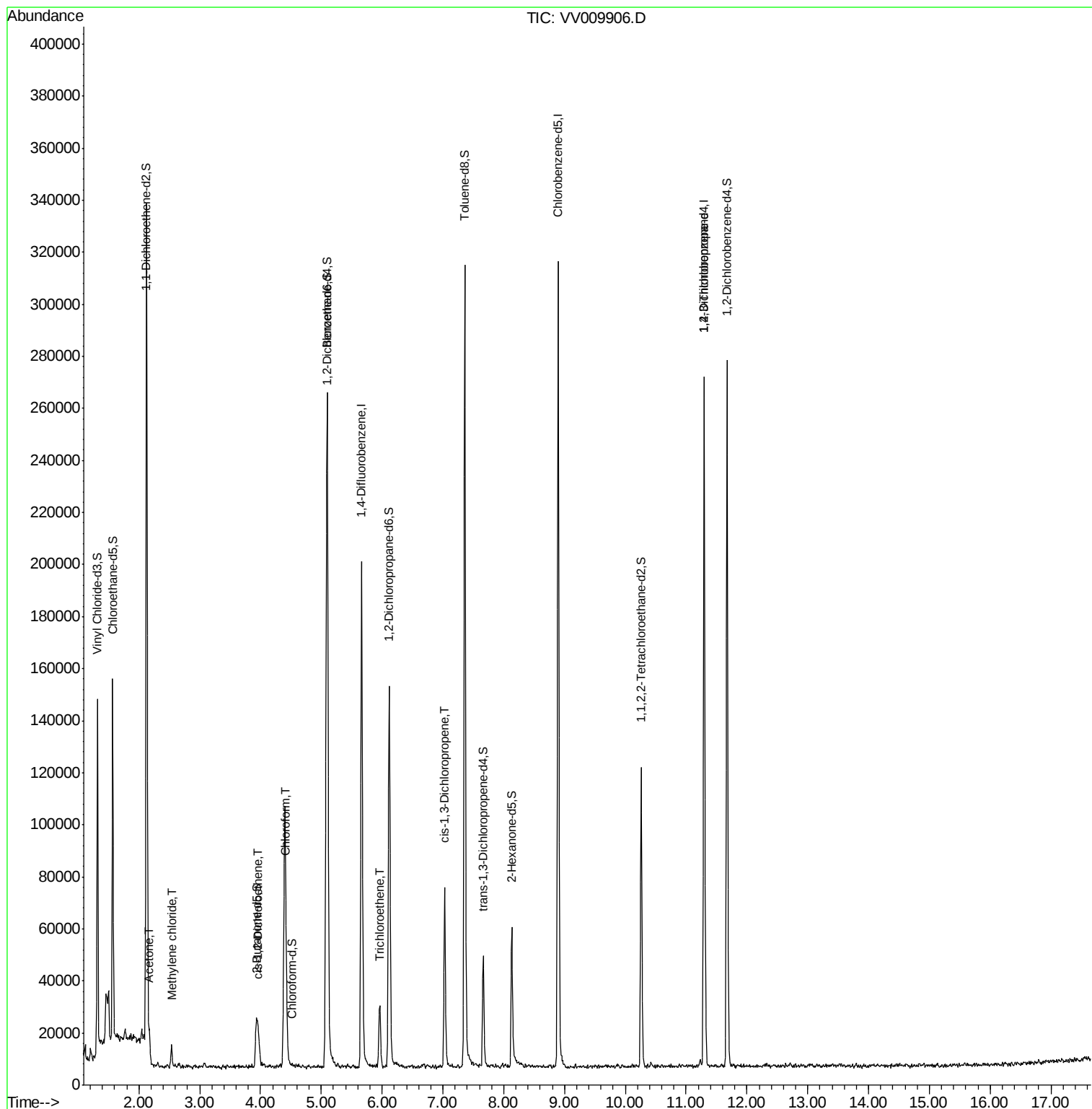
					Qvalue
13) Acetone	2.18	43	1089	1.234 ug/L	76
16) Methylene chloride	2.54	84	3005	1.184 ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	6137	2.752 ug/L	71
25) Chloroform	4.43	83	12901	3.159 ug/L	92
35) Trichloroethene	5.96	95	7269	3.185 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	2077	0.659 ug/L #	65
59) 1,2,3-Trichloropropane	11.30	75	10309	5.926 ug/L	100

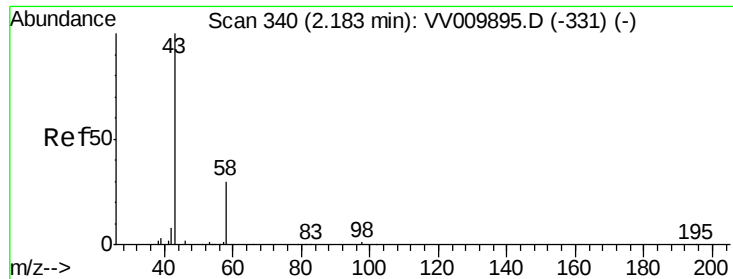
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.234 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

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Acq: 26 Mar 2019 20:46

Instrument :

MSVOA_V

ClientSampleId :

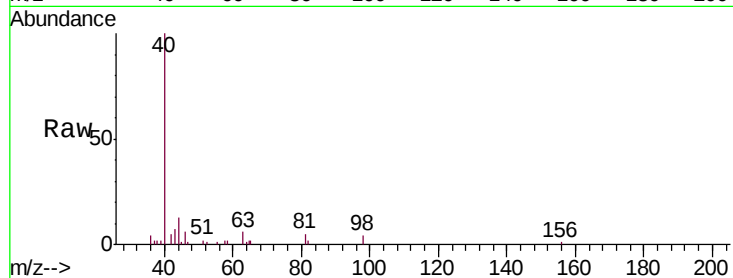
BF0J7

Tgt Ion: 43 Resp: 1089

Ion Ratio Lower Upper

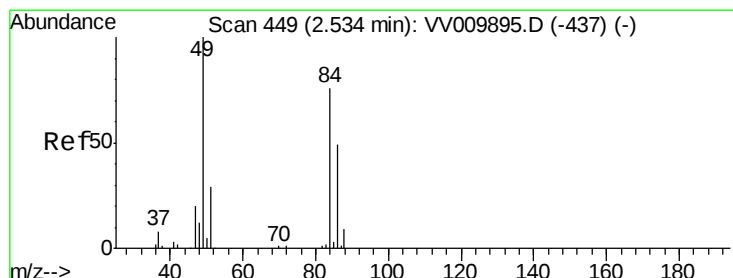
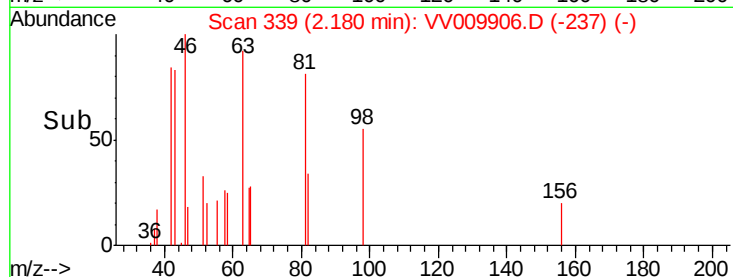
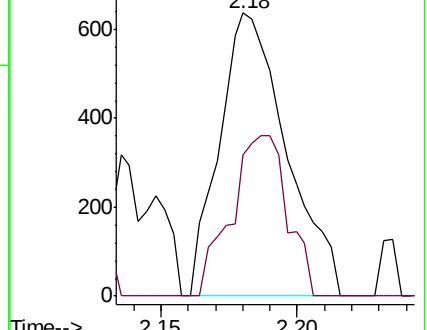
43 100

58 42.8 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009895.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009895.D (-331) (-)



#16

Methylene chloride

Concen: 1.184 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009906.D

Acq: 26 Mar 2019 20:46

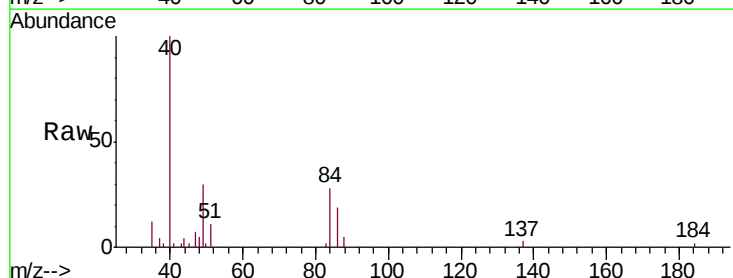
Tgt Ion: 84 Resp: 3005

Ion Ratio Lower Upper

84 100

49 106.4 90.4 167.8

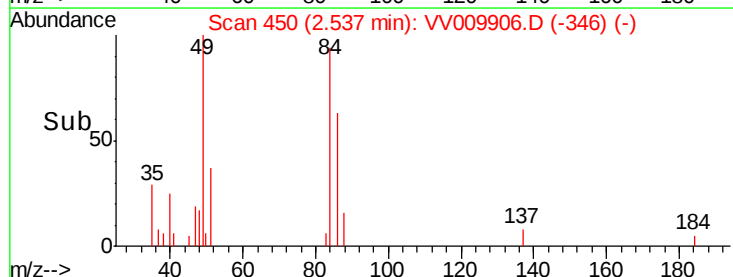
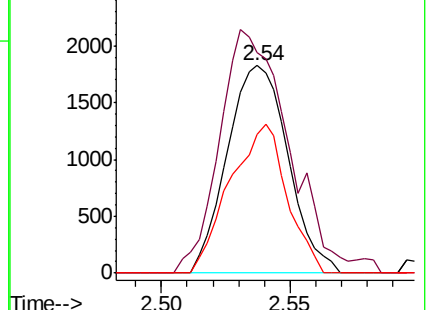
86 66.9 44.0 81.6

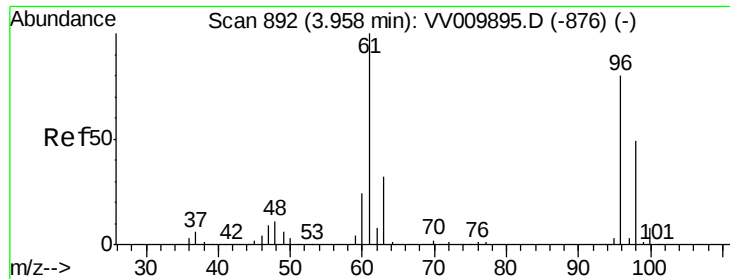


Abundance Ion 84.00 (83.70 to 84.70): VV009895.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009895.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009895.D (-437) (-)

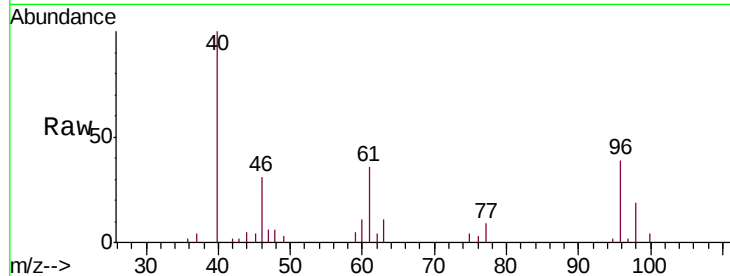




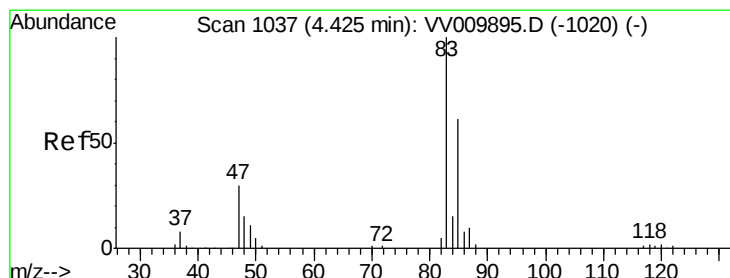
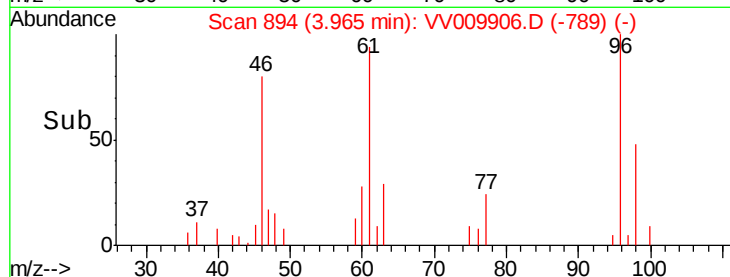
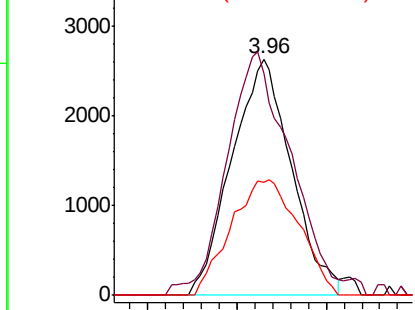
#22
 cis-1,2-Dichloroethene
 Concen: 2.752 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: VV009906.D
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Instrument :
 MSVOA_V
 ClientSampleId :
 BF0J7

Tgt Ion: 96 Resp: 6137
 Ion Ratio Lower Upper
 96 100
 61 93.8 91.4 169.8
 98 48.1 48.0 89.2

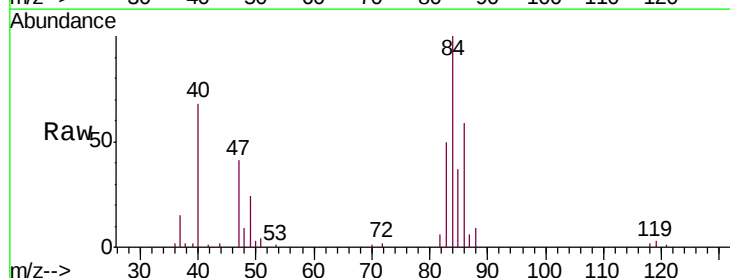


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

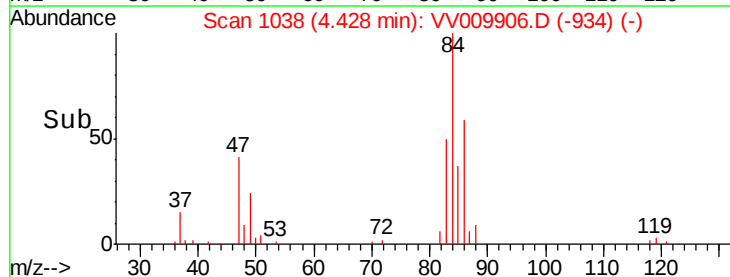
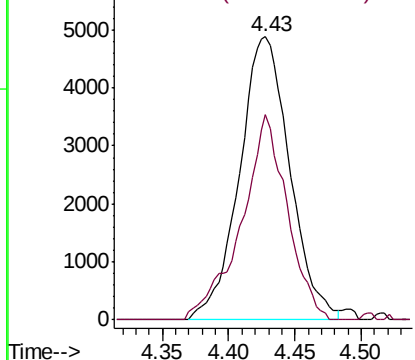


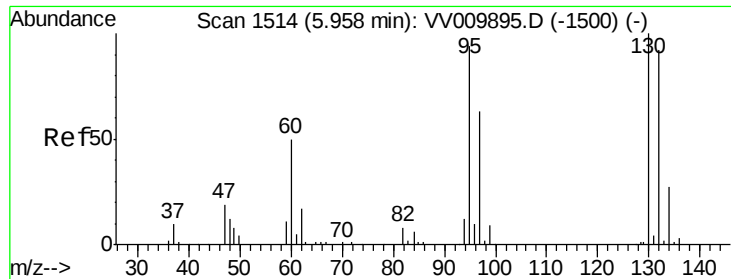
#25
 Chloroform
 Concen: 3.159 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VV009906.D
 Acq: 26 Mar 2019 20:46

Tgt Ion: 83 Resp: 12901
 Ion Ratio Lower Upper
 83 100
 85 59.7 46.1 85.7



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





#35

Trichloroethene

Concen: 3.185 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009906.D

Acq: 26 Mar 2019 20:46

Instrument :

MSVOA_V

ClientSampled :

BF0J7

Tgt Ion: 95 Resp: 7269

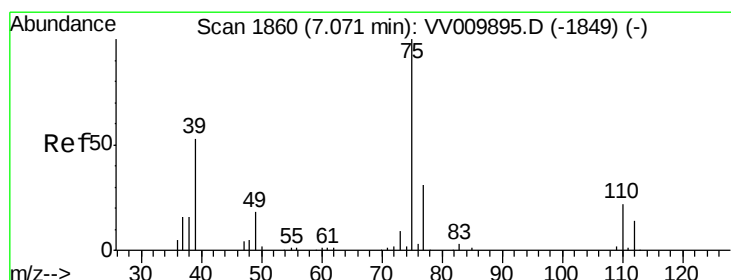
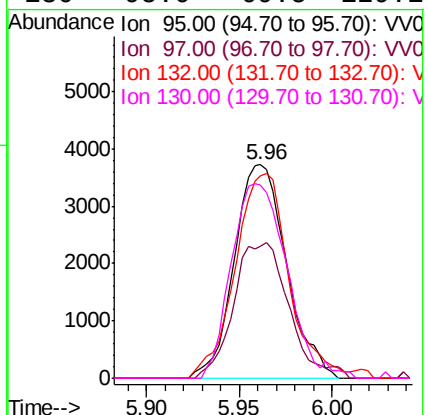
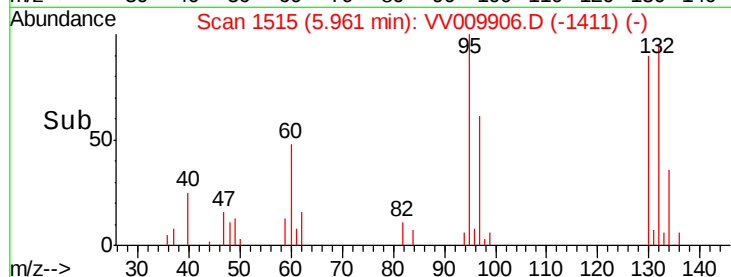
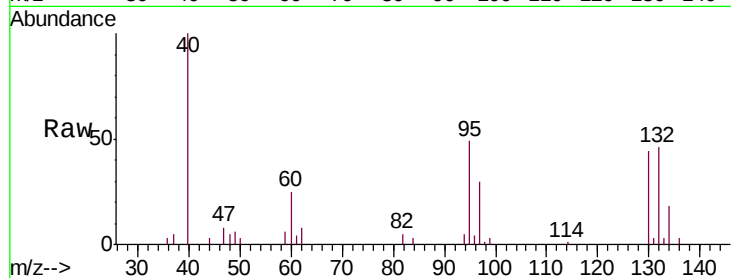
Ion Ratio Lower Upper

95 100

97 29.2 46.3 85.9#

132 98.8 69.3 128.7

130 95.0 69.5 129.1



#42

cis-1,3-Dichloropropene

Concen: 0.659 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV009906.D

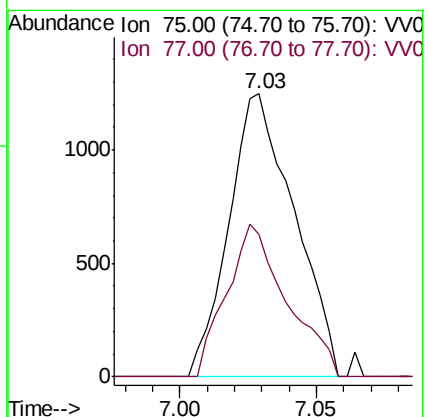
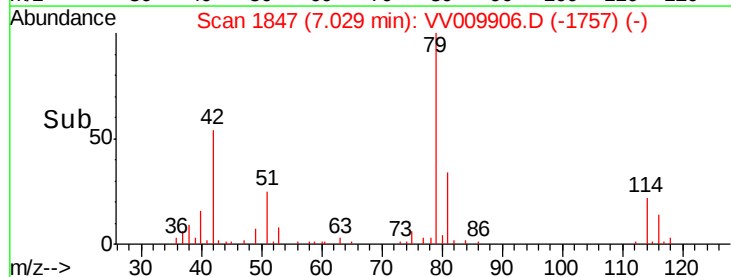
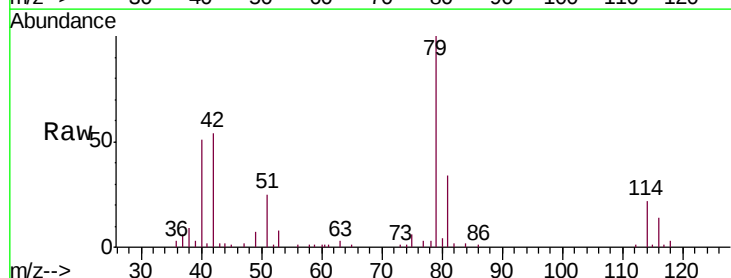
Acq: 26 Mar 2019 20:46

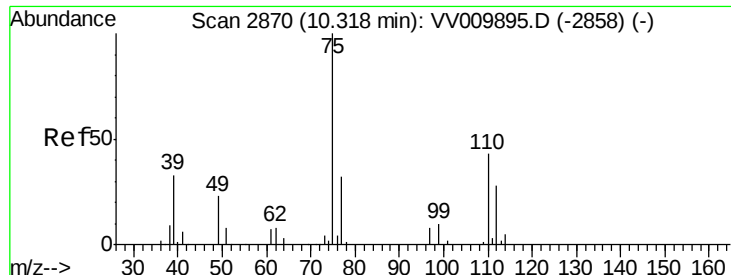
Tgt Ion: 75 Resp: 2077

Ion Ratio Lower Upper

75 100

77 50.3 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 5.926 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009906.D

Acq: 26 Mar 2019 20:46

Instrument :

MSVOA_V

ClientSampleId :

BF0J7

Tgt Ion: 75 Resp: 10309

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

