

Data File : VV009914.D
Acq On : 27 Mar 2019 00:15
Operator : SY/MD
Sample : K2101-07
Misc : 5.56G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0K5

Quant Time: Mar 27 01:50:25 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	133315	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57048	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68857	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.80%
7) Chloroethane-d5	1.57	69	78299	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.20%
10) 1,1-Dichloroethene-d2	2.13	63	149196	20.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.64%
20) 2-Butanone-d5	3.93	46	31958	63.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.78%
24) Chloroform-d	4.40	84	89123	26.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.96%
26) 1,2-Dichloroethane-d4	5.08	65	60145	29.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.68%
29) Benzene-d6	5.10	84	196032	27.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.28%
33) 1,2-Dichloropropane-d6	6.12	67	59348	28.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.16%
37) Toluene-d8	7.36	98	171440	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.84%
38) trans-1,3-Dichloropropene-	7.66	79	20204	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.84%
39) 2-Hexanone-d5	8.13	63	24424	63.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56956	27.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	62258	28.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.64%

Target Compounds

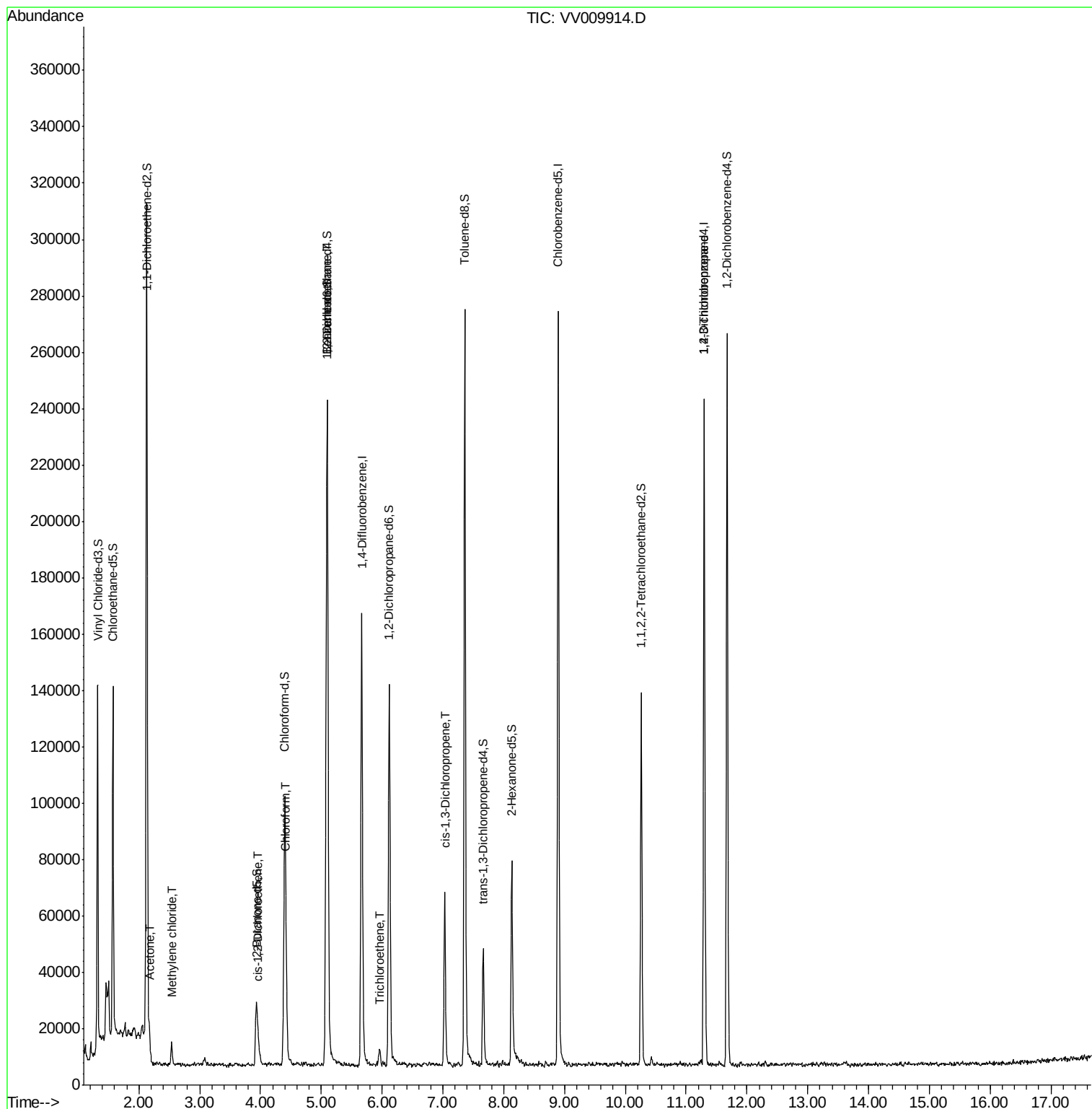
					Qvalue
13) Acetone	2.18	43	1351	1.770 ug/L	75
16) Methylene chloride	2.54	84	2699	1.229 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	2587	1.341 ug/L	82
25) Chloroform	4.43	83	7206	2.040 ug/L	87
27) 1,2-Dichloroethane	5.09	62	637	0.255 ug/L #	75
35) Trichloroethene	5.96	95	1287	0.662 ug/L	92
42) cis-1,3-Dichloropropene	7.03	75	2151	0.801 ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	9743	6.577 ug/L	92

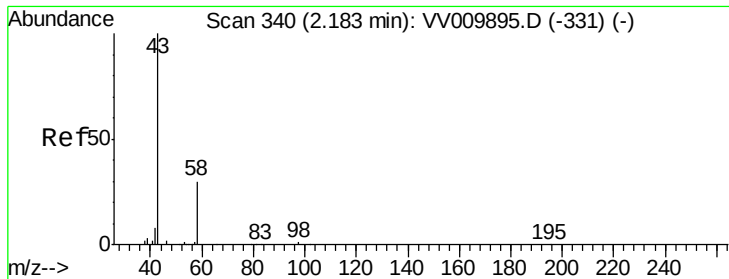
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.770 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

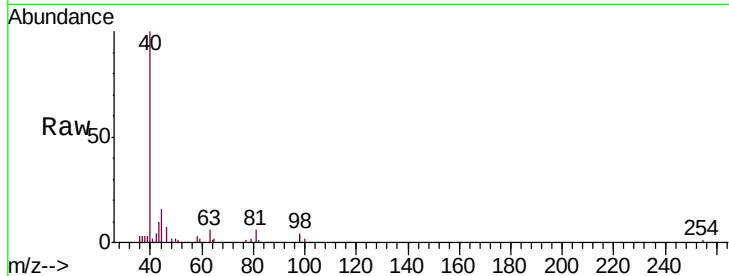
BF0K5

Tgt Ion: 43 Resp: 1351

Ion Ratio Lower Upper

43 100

58 16.4 0.0 59.4

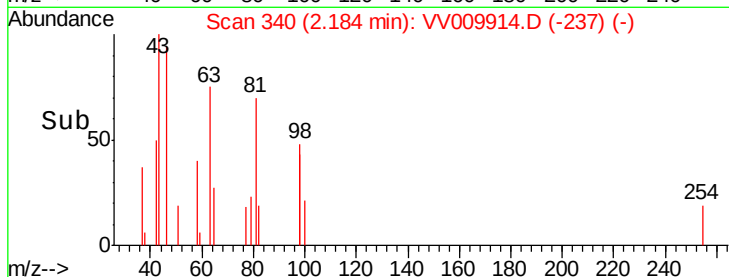


Abundance Ion 43.00 (42.70 to 43.70): VV0

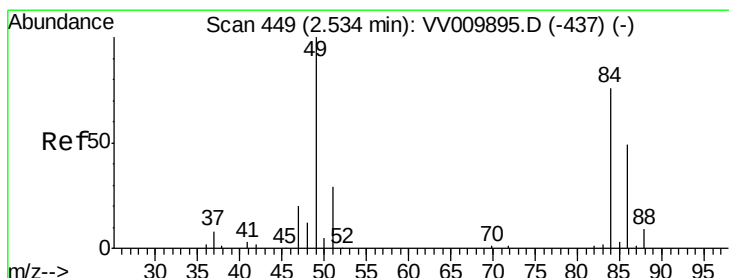
Ion 58.00 (57.70 to 58.70): VV0

2.18

2.15 2.20



Time-->



#16

Methylene chloride

Concen: 1.229 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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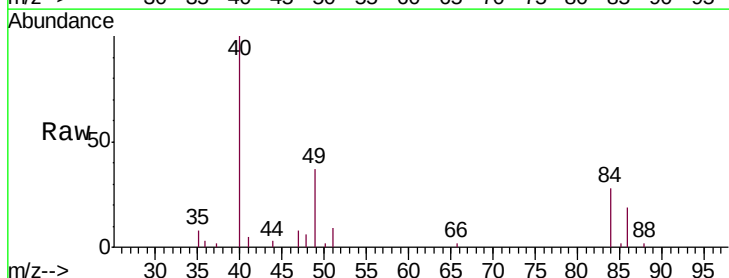
Tgt Ion: 84 Resp: 2699

Ion Ratio Lower Upper

84 100

49 131.4 90.4 167.8

86 69.6 44.0 81.6



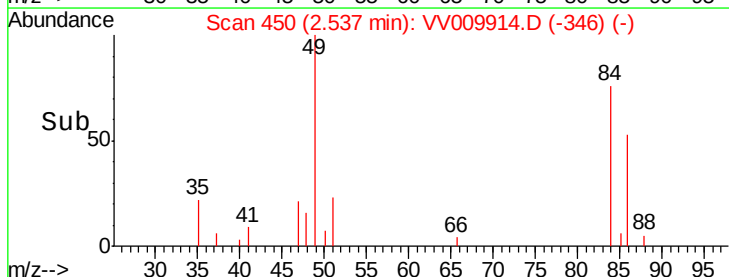
Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

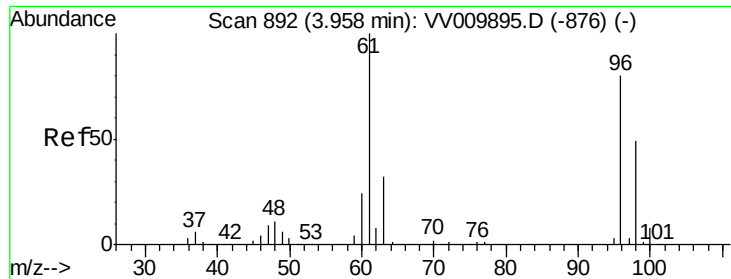
Ion 86.00 (85.70 to 86.70): VV0

2.54

2.50 2.55



Time-->

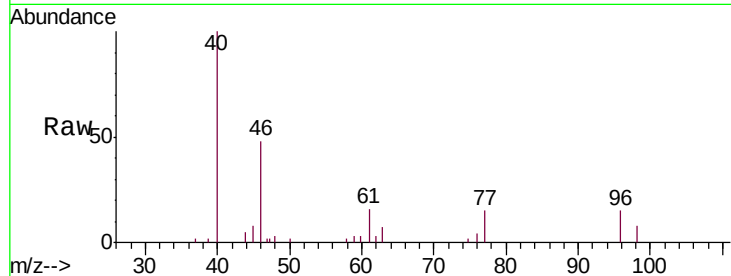


#22

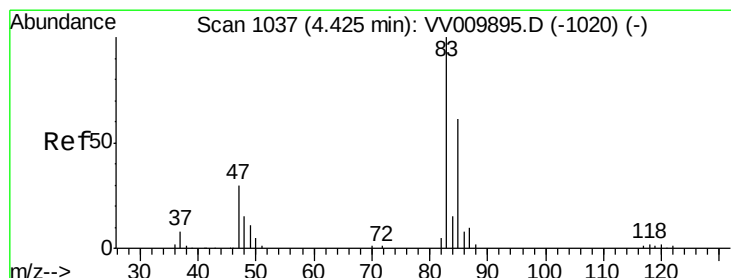
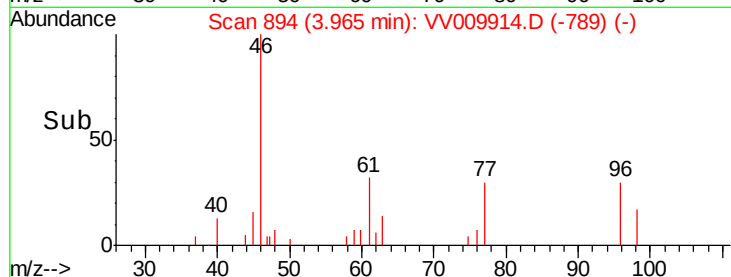
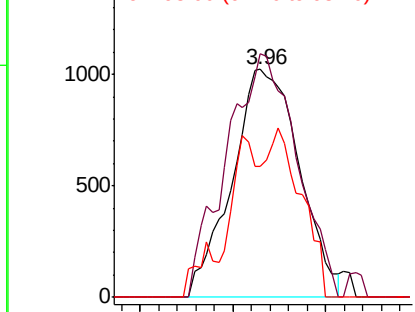
cis-1,2-Dichloroethene
Concen: 1.341 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV009914.D
Acq: 27 Mar 2019 00:15

Instrument :
MSVOA_V
ClientSampled :
BF0K5

Tgt Ion: 96 Resp: 2587
Ion Ratio Lower Upper
96 100
61 106.9 91.4 169.8
98 57.3 48.0 89.2



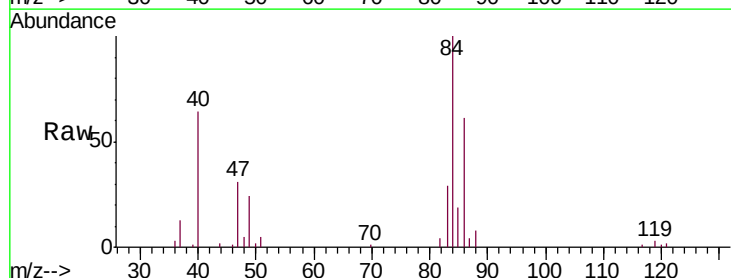
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



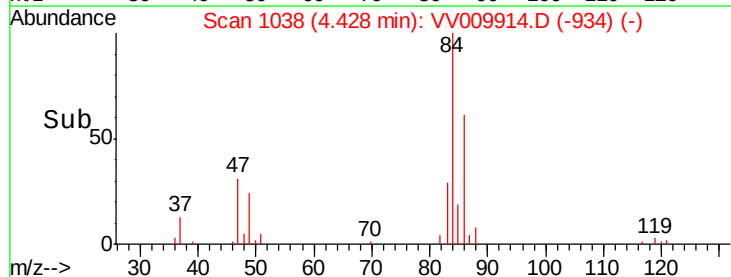
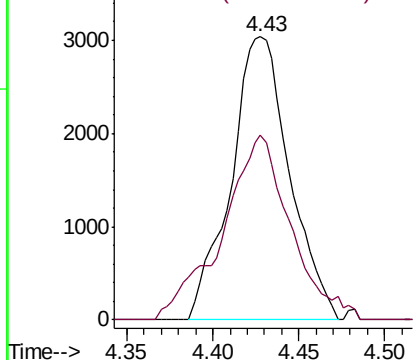
#25

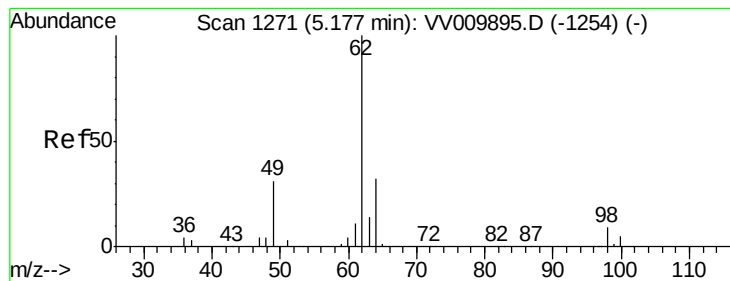
Chloroform
Concen: 2.040 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009914.D
Acq: 27 Mar 2019 00:15

Tgt Ion: 83 Resp: 7206
Ion Ratio Lower Upper
83 100
85 55.6 46.1 85.7



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





#27

1,2-Dichloroethane

Concen: 0.255 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV009914.D

Acq: 27 Mar 2019 00:15

Instrument :

MSVOA_V

ClientSampleId :

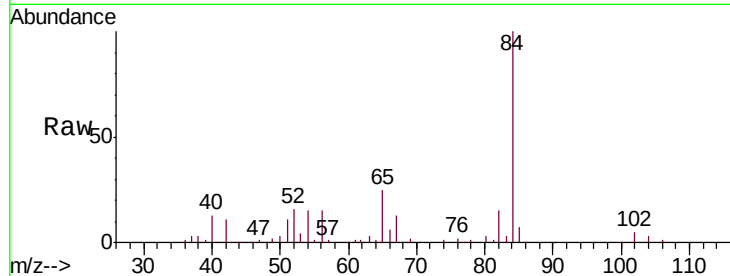
BF0K5

Tgt Ion: 62 Resp: 637

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VV009895.D (-1254) (-)

Ion 98.00 (97.70 to 98.70): VV009895.D (-1254) (-)

5.09

600

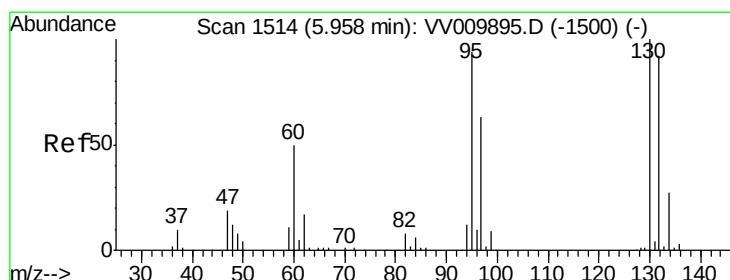
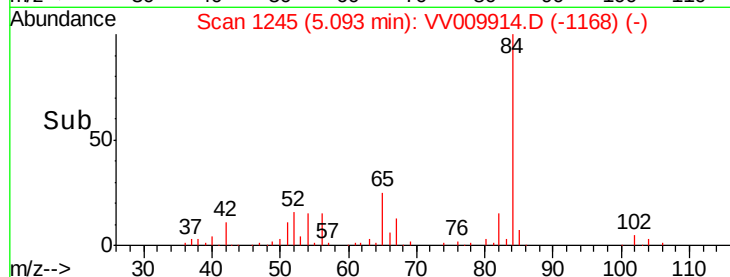
400

200

0

5.06 5.07 5.08 5.09 5.10

Time-->



#35

Trichloroethene

Concen: 0.662 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV009914.D

Acq: 27 Mar 2019 00:15

Tgt Ion: 95 Resp: 1287

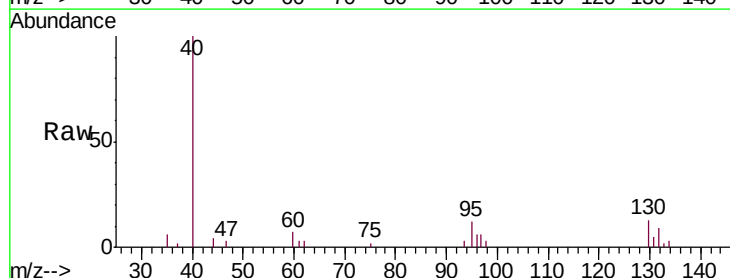
Ion Ratio Lower Upper

95 100

97 66.0 46.3 85.9

132 90.0 69.3 128.7

130 110.6 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) (-)

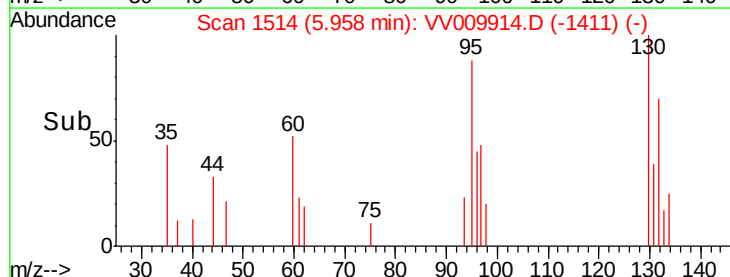
1000

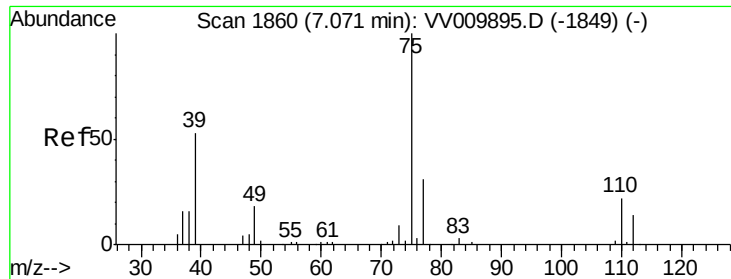
500

0

5.92 5.94 5.96 5.98 6.00

Time-->



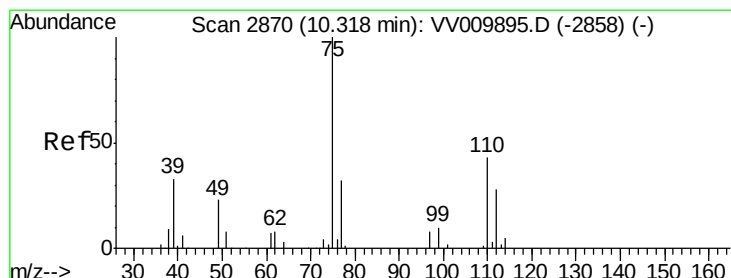
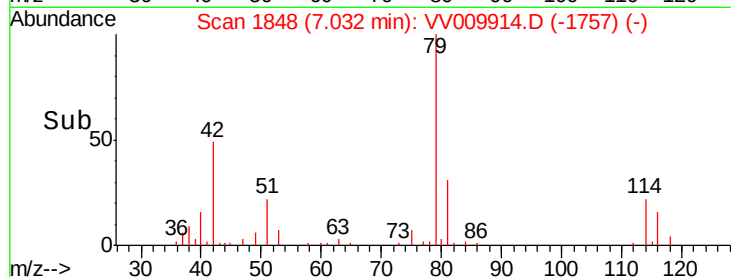
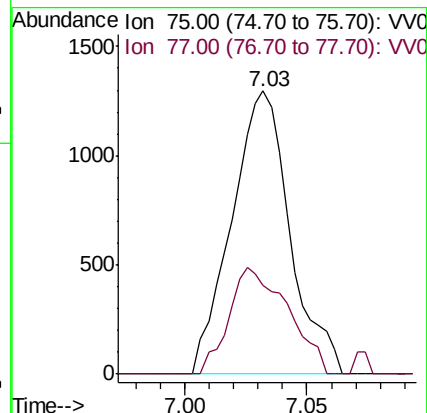
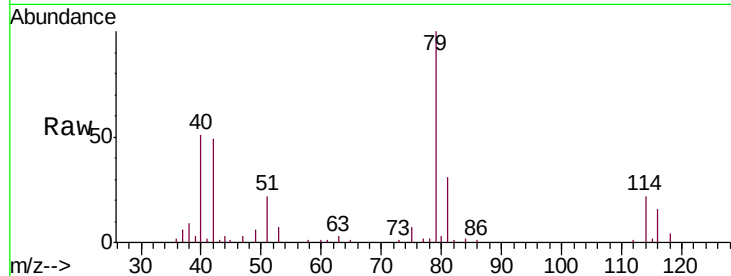


#42

cis-1,3-Dichloropropene
Concen: 0.801 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009914.D
Acq: 27 Mar 2019 00:15

Instrument :
MSVOA_V
ClientSampled :
BF0K5

Tgt Ion: 75 Resp: 2151
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.6



#59

1,2,3-Trichloropropane
Concen: 6.577 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009914.D
Acq: 27 Mar 2019 00:15

Tgt Ion: 75 Resp: 9743
Ion Ratio Lower Upper
75 100
77 37.3 26.2 39.2

