

Data File : VV009352.D
Acq On : 25 Feb 2019 17:02
Operator : SY/MD
Sample : K1601-02
Misc : 3.57G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7X8

Quant Time: Feb 26 02:50:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	119609	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	108755	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39350	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31716	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.72%
7) Chloroethane-d5	1.56	69	34063	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
10) 1,1-Dichloroethene-d2	2.12	63	68594	17.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.12%
20) 2-Butanone-d5	3.93	46	16958	30.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.90%
24) Chloroform-d	4.40	84	47054	16.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.76%
26) 1,2-Dichloroethane-d4	5.08	65	29167	19.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.48%
29) Benzene-d6	5.09	84	118202	21.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.68%
33) 1,2-Dichloropropane-d6	6.11	67	36518	22.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.00%
37) Toluene-d8	7.36	98	108588	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.68%
38) trans-1,3-Dichloropropene-	7.66	79	14261	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.20%
39) 2-Hexanone-d5	8.13	63	15571	34.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31246	17.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.20%
61) 1,2-Dichlorobenzene-d4	11.68	152	29361	20.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.28%

Target Compounds

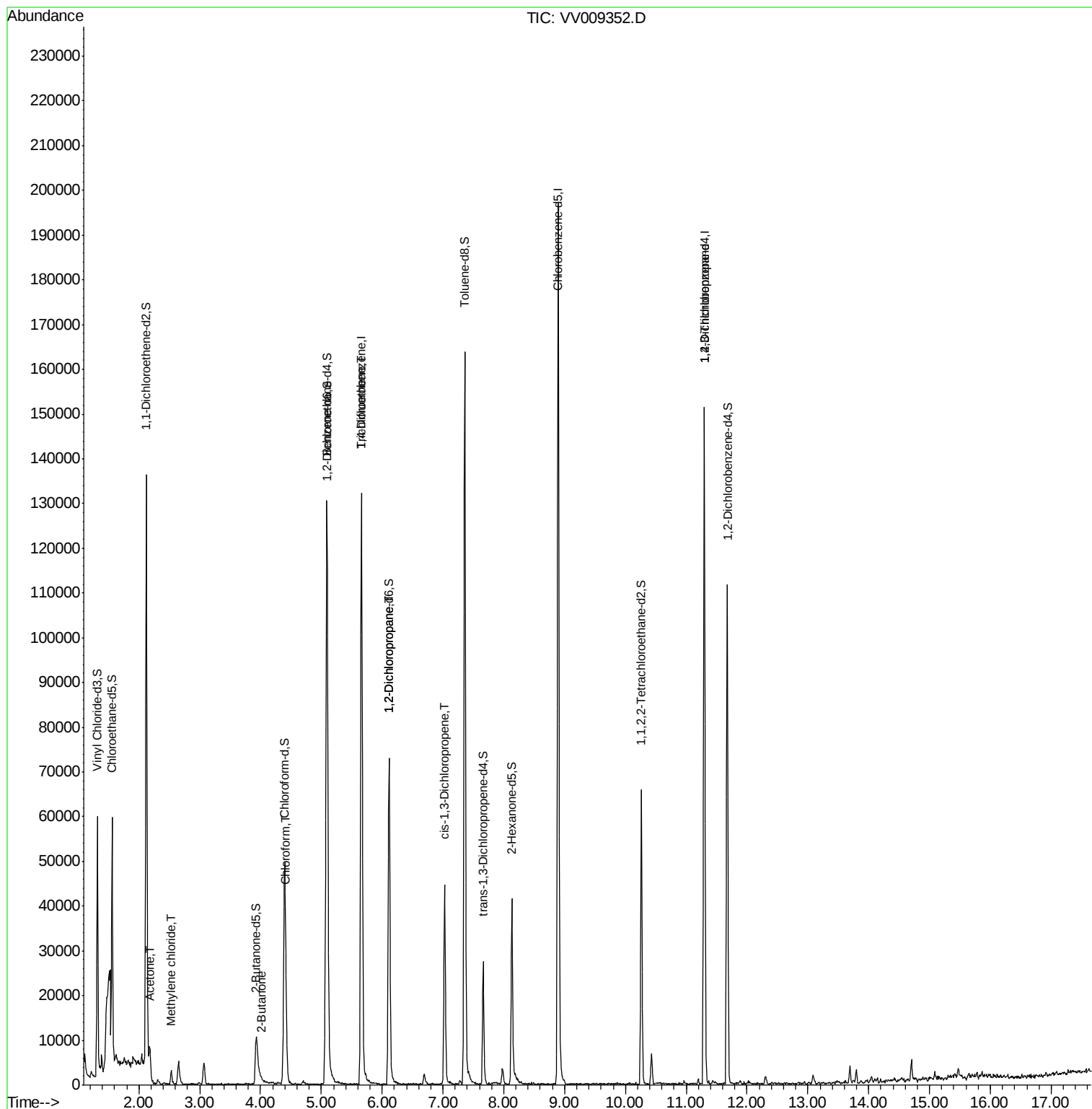
					Qvalue
13) Acetone	2.18	43	5359	9.844 ug/L	87
16) Methylene chloride	2.53	84	1311	0.725 ug/L	84
21) 2-Butanone	4.02	43	754	1.209 ug/L #	64
25) Chloroform	4.42	83	5914	2.117 ug/L	90
35) Trichloroethene	5.66	95	3428	2.073 ug/L #	4
40) 1,2-Dichloropropane	6.11	63	3772	2.613 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1206	0.492 ug/L #	63
59) 1,2,3-Trichloropropane	11.30	75	5251	4.040 ug/L	94

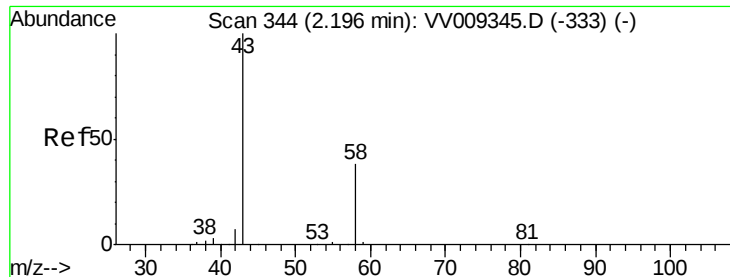
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.844 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV009352.D

Acq: 25 Feb 2019 17:02

Instrument :

MSVOA_V

ClientSampleId :

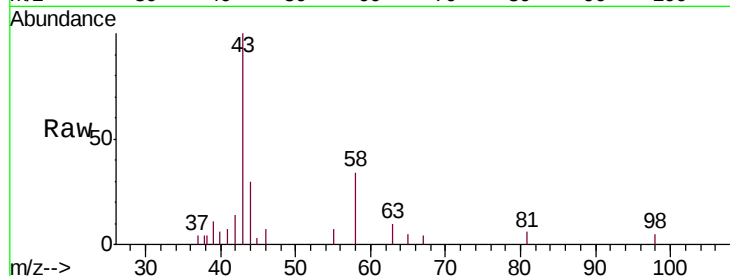
BF7X8

Tgt Ion: 43 Resp: 5359

Ion Ratio Lower Upper

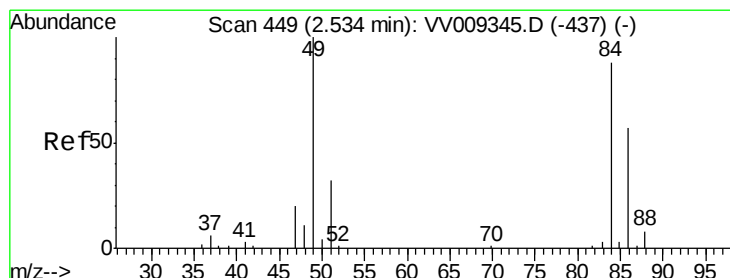
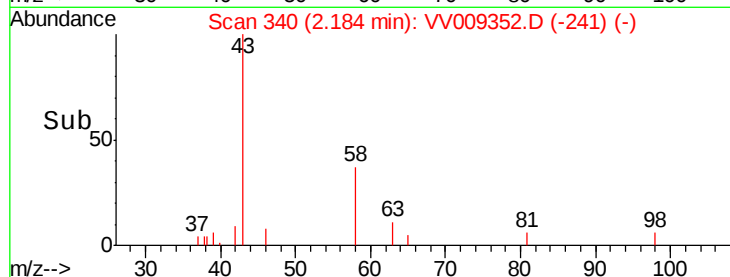
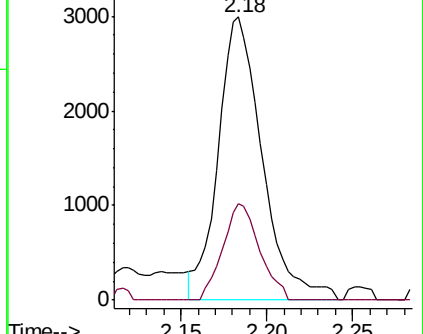
43 100

58 28.4 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV009345.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV009345.D (-333) (-)



#16

Methylene chloride

Concen: 0.725 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV009352.D

Acq: 25 Feb 2019 17:02

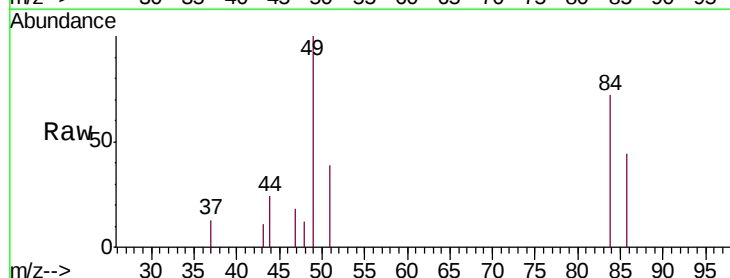
Tgt Ion: 84 Resp: 1311

Ion Ratio Lower Upper

84 100

49 138.0 78.7 146.1

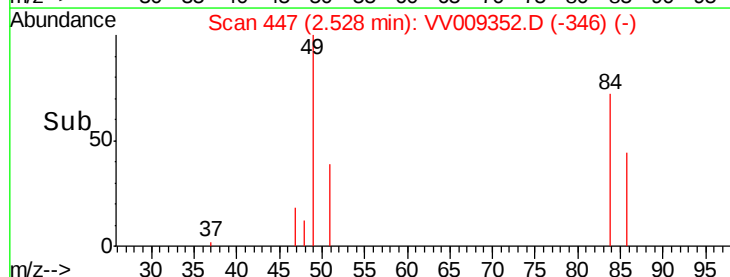
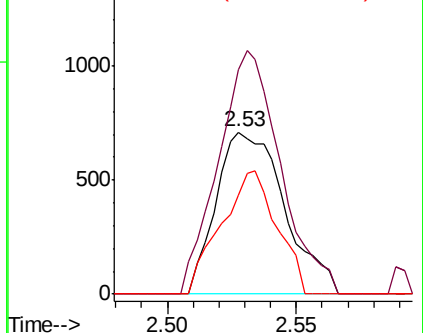
86 60.8 44.0 81.6

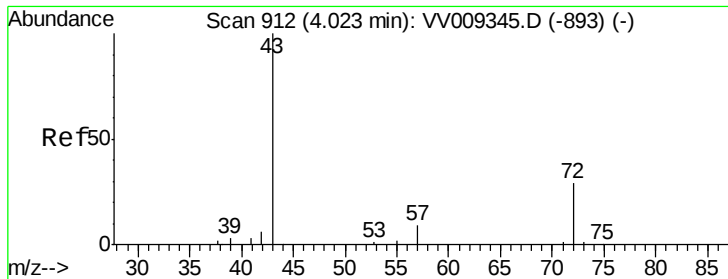


Abundance Ion 84.00 (83.70 to 84.70): VV009345.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009345.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009345.D (-437) (-)





#21

2-Butanone

Concen: 1.209 ug/L

RT: 4.02 min Scan# 910

Delta R.T. -0.01 min

Lab File: VV009352.D

Acq: 25 Feb 2019 17:02

Instrument :

MSVOA_V

ClientSampled :

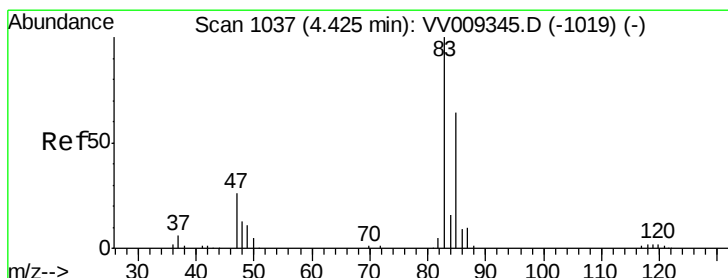
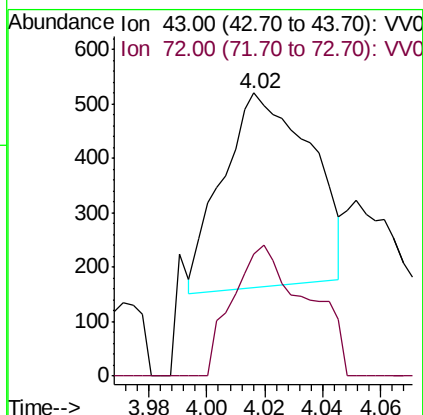
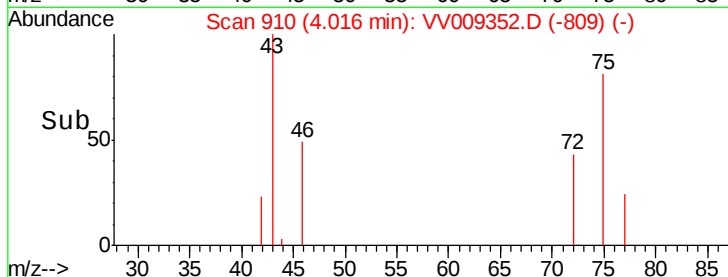
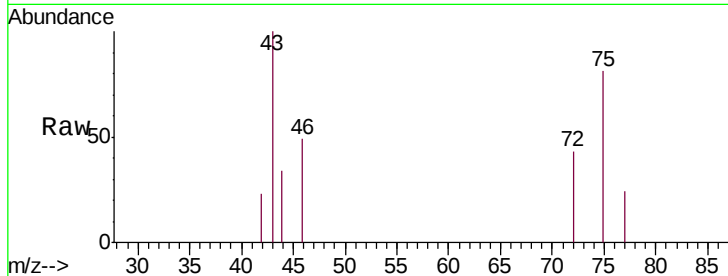
BF7X8

Tgt Ion: 43 Resp: 754

Ion Ratio Lower Upper

43 100

72 50.5 15.4 46.2#



#25

Chloroform

Concen: 2.117 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV009352.D

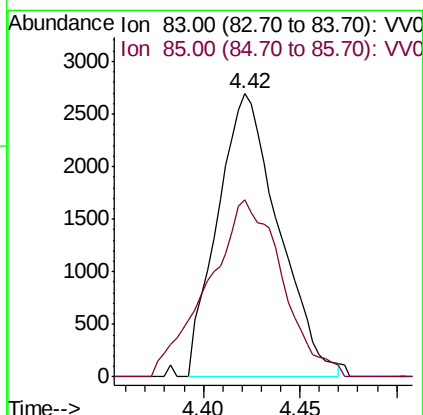
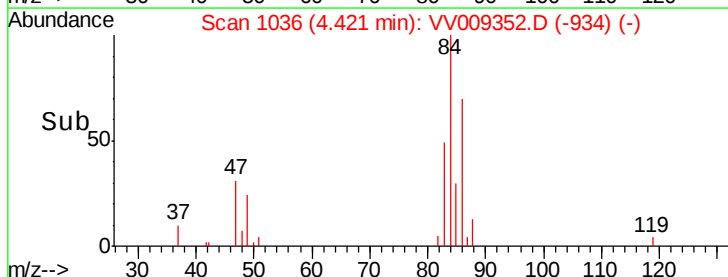
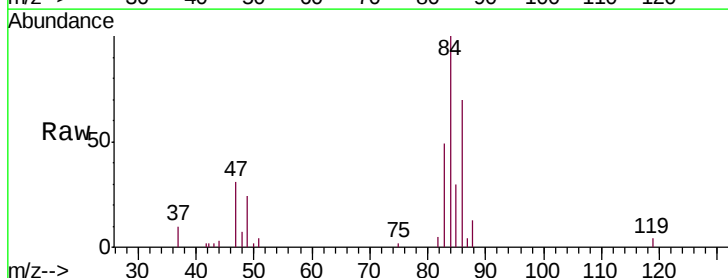
Acq: 25 Feb 2019 17:02

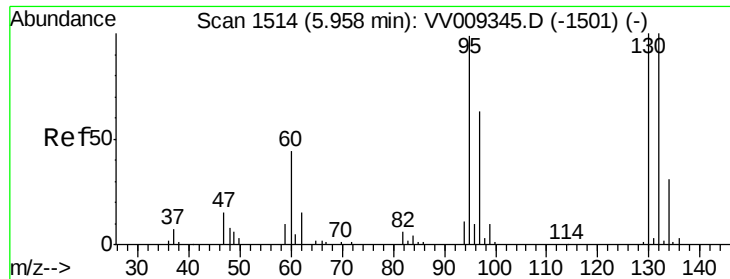
Tgt Ion: 83 Resp: 5914

Ion Ratio Lower Upper

83 100

85 75.8 47.5 88.3





#35

Trichloroethene

Concen: 2.073 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

Lab File: VV009352.D

Acq: 25 Feb 2019 17:02

Instrument :

MSVOA_V

ClientSampleId :

BF7X8

Tgt Ion: 95 Resp: 3428

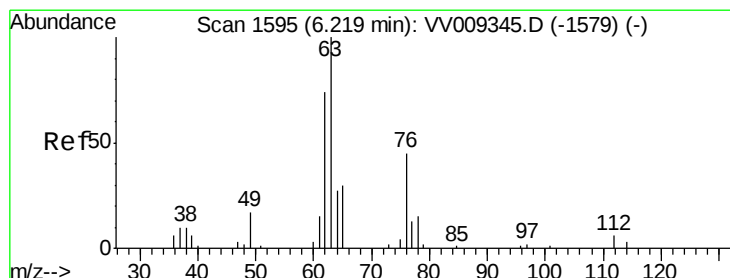
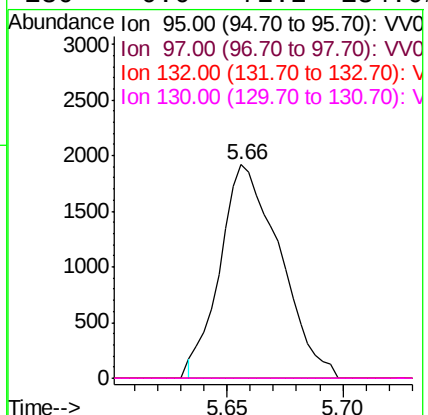
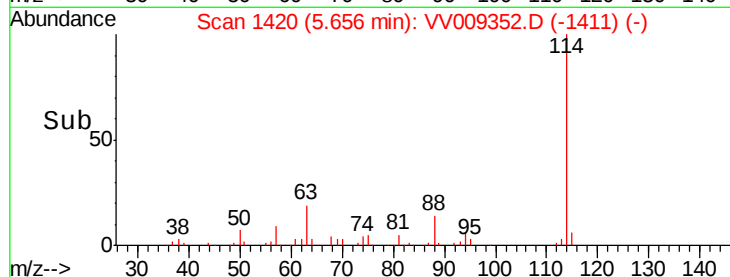
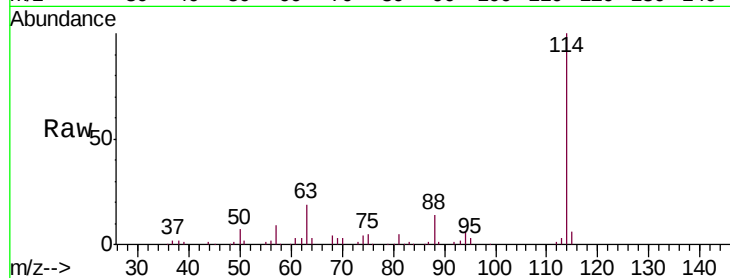
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 68.7 127.5#

130 0.0 72.2 134.0#



#40

1,2-Dichloropropane

Concen: 2.613 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV009352.D

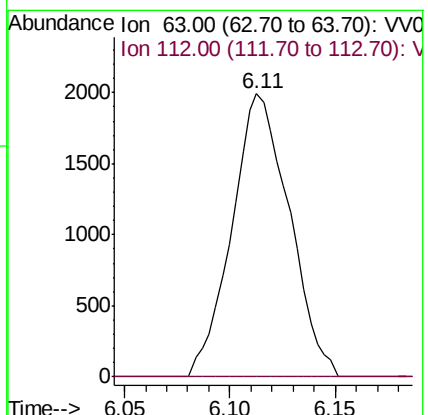
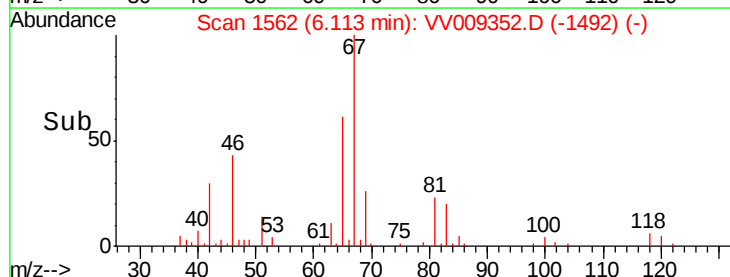
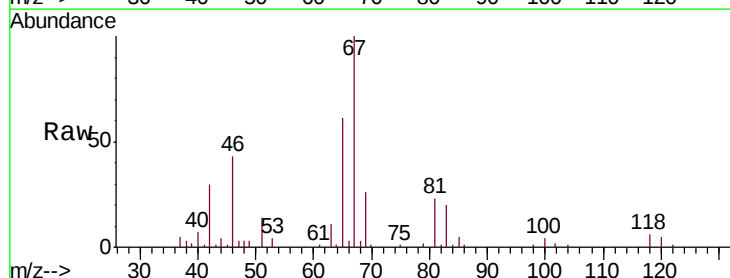
Acq: 25 Feb 2019 17:02

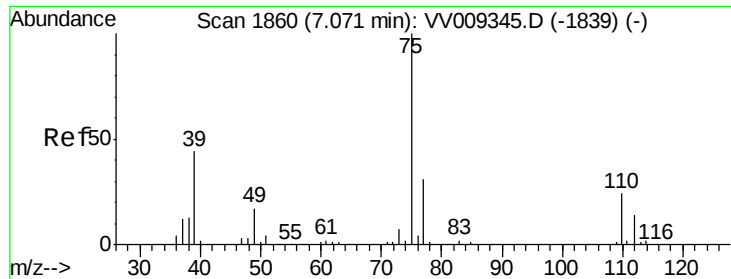
Tgt Ion: 63 Resp: 3772

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



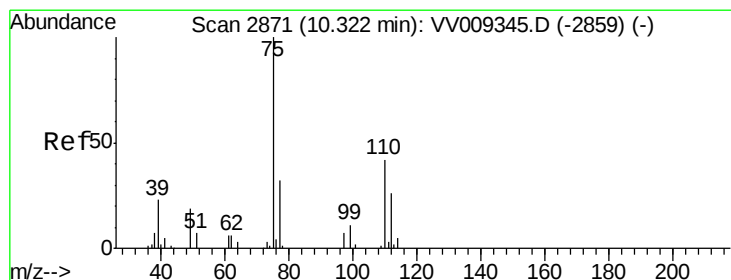
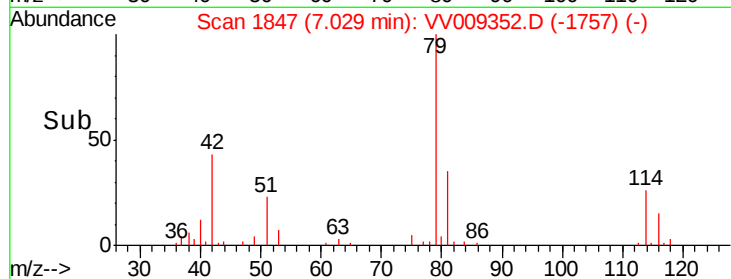
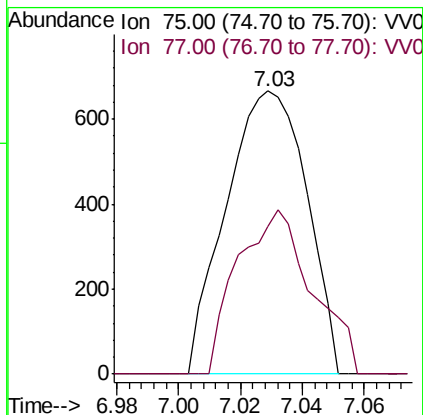
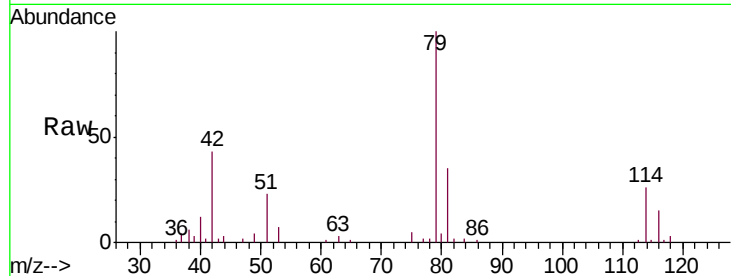


#42

cis-1,3-Dichloropropene
Concen: 0.492 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009352.D
Acq: 25 Feb 2019 17:02

Instrument :
MSVOA_V
ClientSampleId :
BF7X8

Tgt Ion: 75 Resp: 1206
Ion Ratio Lower Upper
75 100
77 52.1 22.0 40.8#



#59

1,2,3-Trichloropropane
Concen: 4.040 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009352.D
Acq: 25 Feb 2019 17:02

Tgt Ion: 75 Resp: 5251
Ion Ratio Lower Upper
75 100
77 36.5 26.3 39.5

