

Data File : VV009347.D
Acq On : 25 Feb 2019 14:30
Operator : SY/MD
Sample : K1579-16
Misc : 7.17G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB611

Quant Time: Feb 26 02:49:32 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	138879	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127404	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49618	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39930	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
7) Chloroethane-d5	1.57	69	40686	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	2.13	63	82474	18.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.64%
20) 2-Butanone-d5	3.93	46	24477	37.85	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.70%
24) Chloroform-d	4.40	84	64495	20.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.08	65	40410	23.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.44%
29) Benzene-d6	5.10	84	149955	23.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.88%
33) 1,2-Dichloropropane-d6	6.11	67	46206	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.28%
37) Toluene-d8	7.36	98	137336	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.32%
38) trans-1,3-Dichloropropene-	7.66	79	20508	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	8.13	63	21178	40.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46264	22.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	43137	23.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.68%

Target Compounds

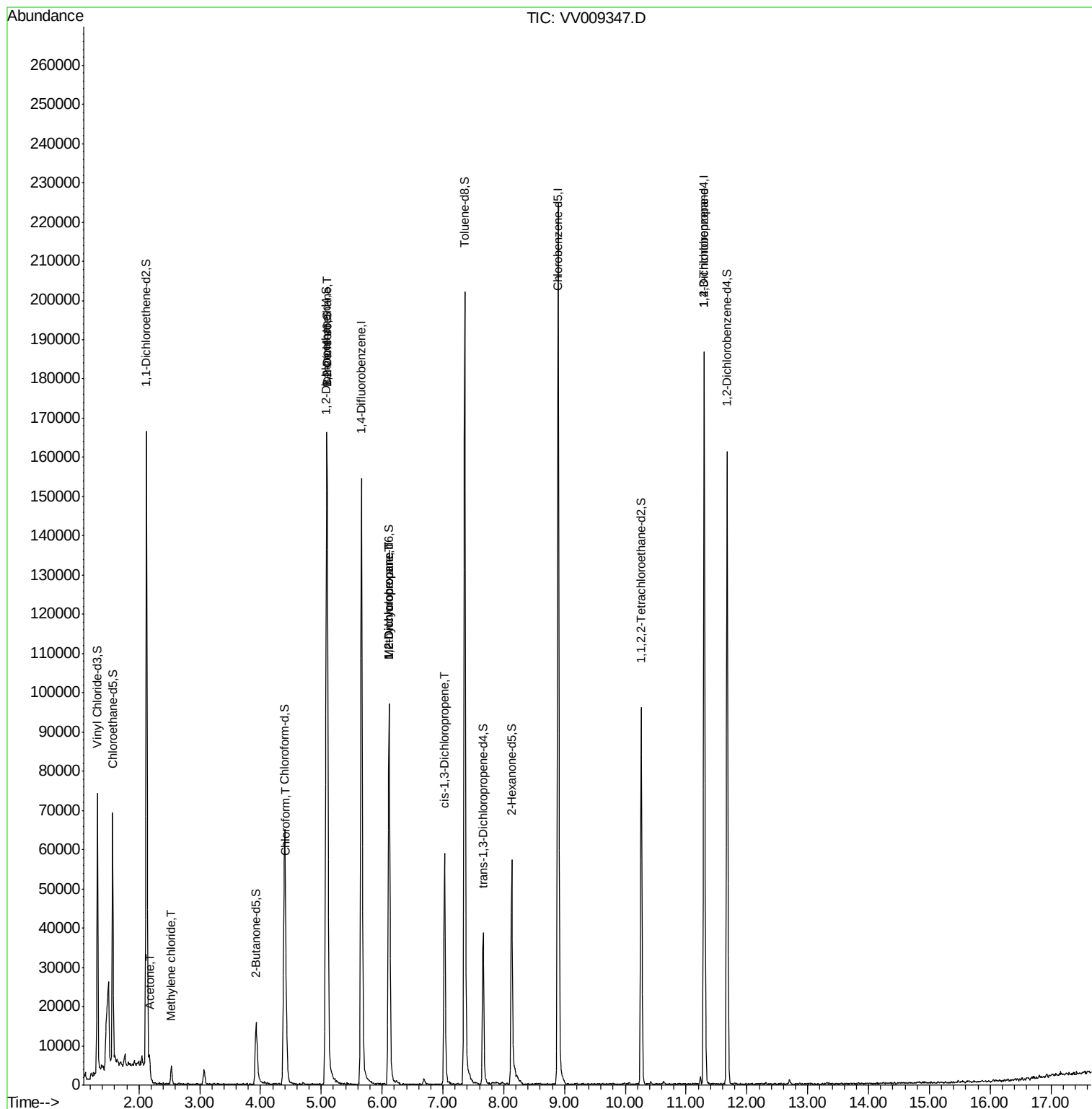
					Qvalue
13) Acetone	2.18	43	925	1.463 ug/L	74
16) Methylene chloride	2.53	84	2095	0.997 ug/L	88
25) Chloroform	4.42	83	7916	2.440 ug/L	95
27) 1,2-Dichloroethane	5.10	62	751	0.342 ug/L #	72
36) Methylcyclohexane	6.11	83	11141	3.287 ug/L #	21
40) 1,2-Dichloropropane	6.12	63	5116	3.026 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1510	0.526 ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	6745	4.430 ug/L	96

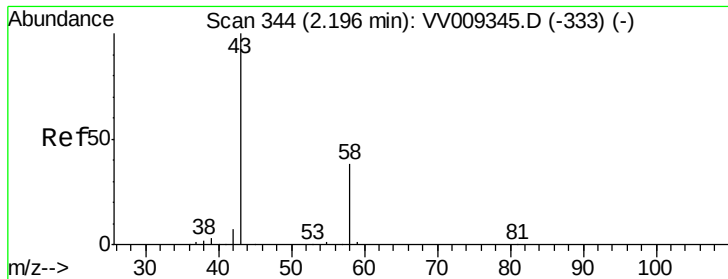
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.463 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampled :

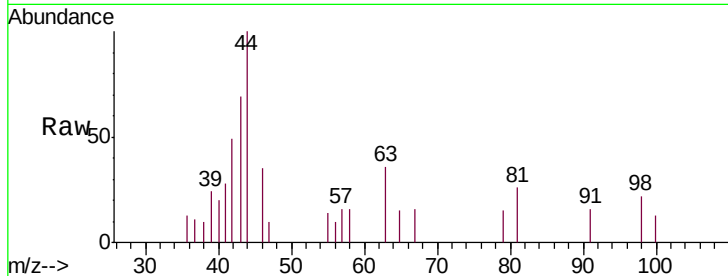
DB611

Tgt Ion: 43 Resp: 925

Ion Ratio Lower Upper

43 100

58 20.6 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

800

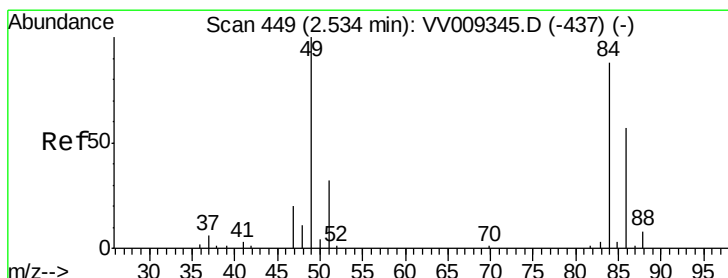
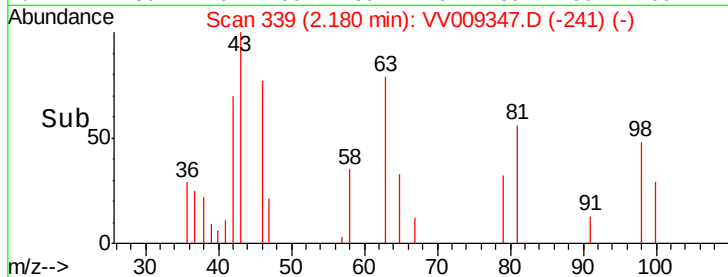
600

400

200

0

Time--> 2.14 2.16 2.18 2.20 2.22



#16

Methylene chloride

Concen: 0.997 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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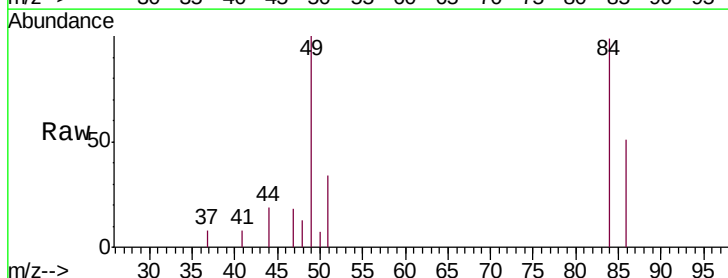
Tgt Ion: 84 Resp: 2095

Ion Ratio Lower Upper

84 100

49 101.0 78.7 146.1

86 51.0 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

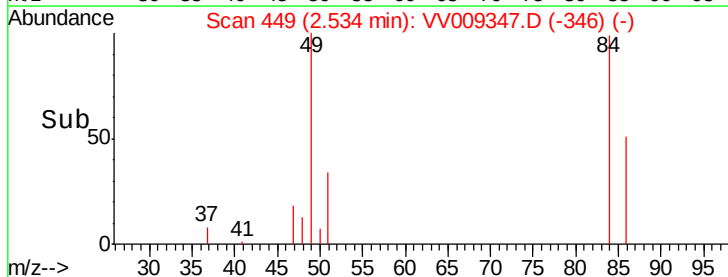
1500

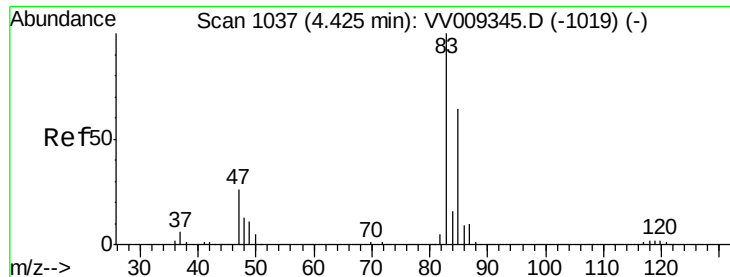
1000

500

0

Time--> 2.50 2.55

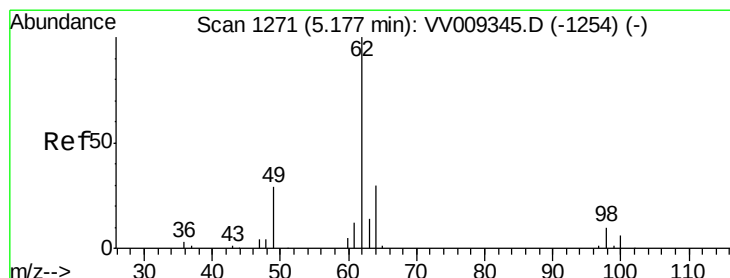
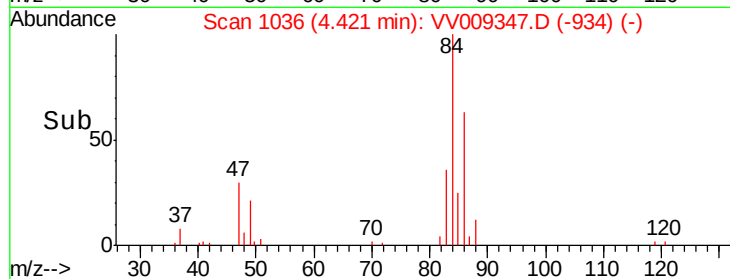
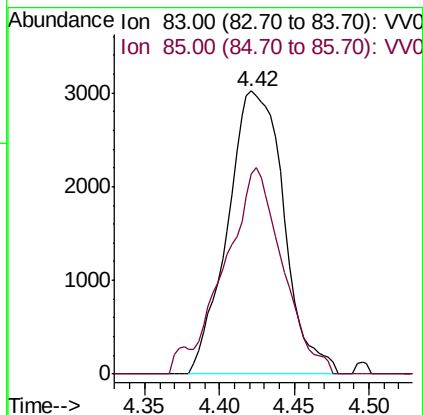
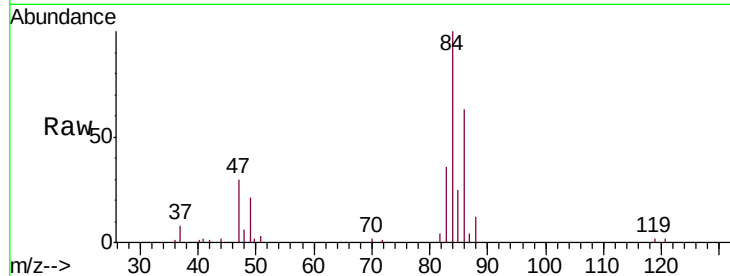




#25
Chloroform
Concen: 2.440 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
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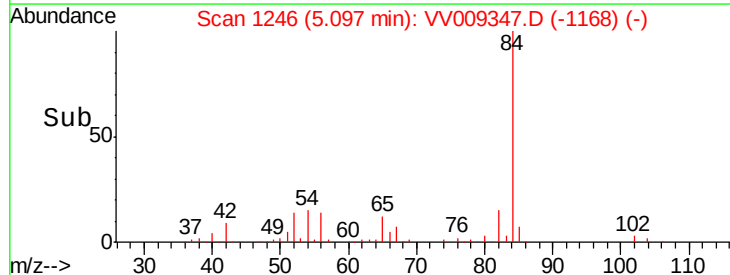
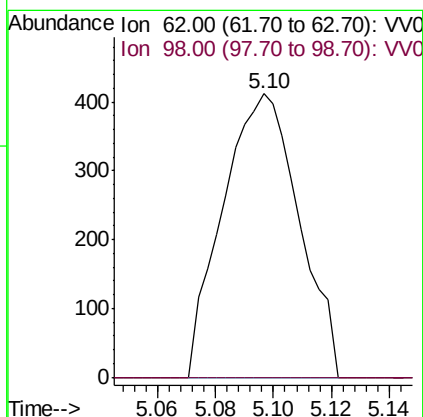
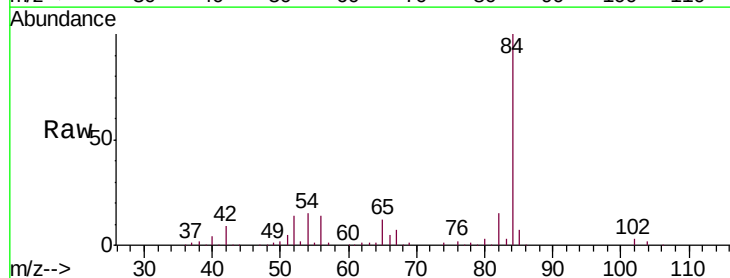
Instrument :
MSVOA_V
ClientSampled :
DB611

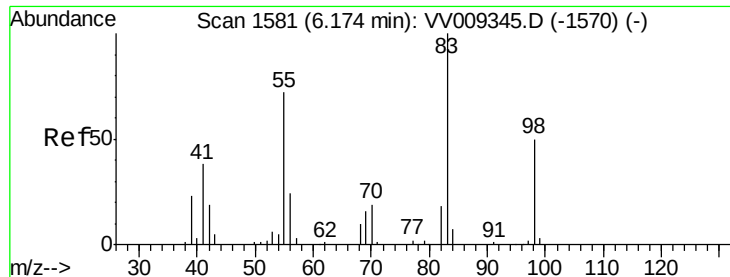
Tgt Ion: 83 Resp: 7916
Ion Ratio Lower Upper
83 100
85 72.2 47.5 88.3



#27
1,2-Dichloroethane
Concen: 0.342 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009347.D
Acq: 25 Feb 2019 14:30

Tgt Ion: 62 Resp: 751
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#

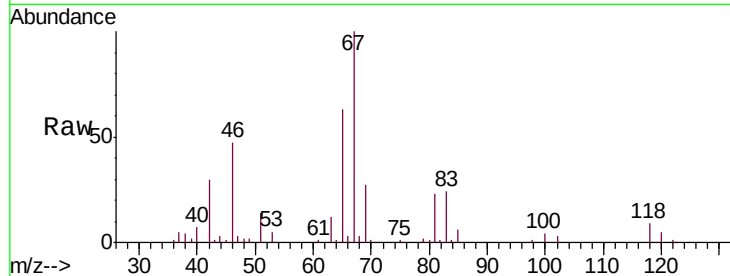




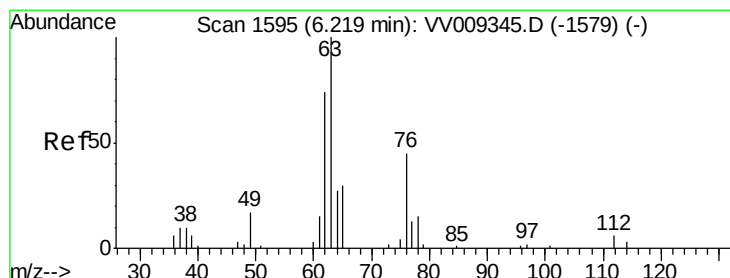
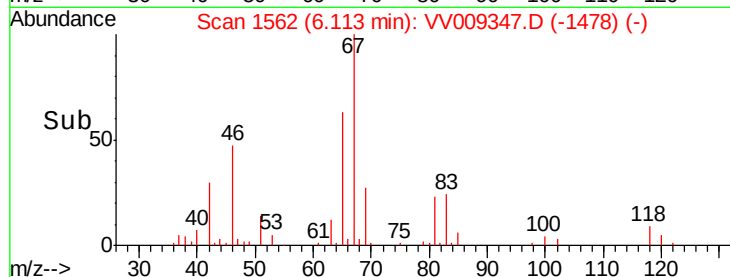
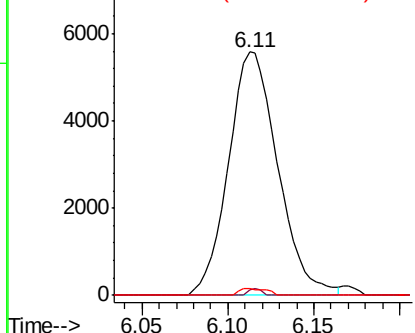
#36
Methylcyclohexane
Concen: 3.287 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV009347.D
Acq: 25 Feb 2019 14:30

Instrument :
MSVOA_V
ClientSampled :
DB611

Tgt Ion: 83 Resp: 11141
Ion Ratio Lower Upper
83 100
55 0.7 55.8 83.6#
98 1.1 40.3 60.5#

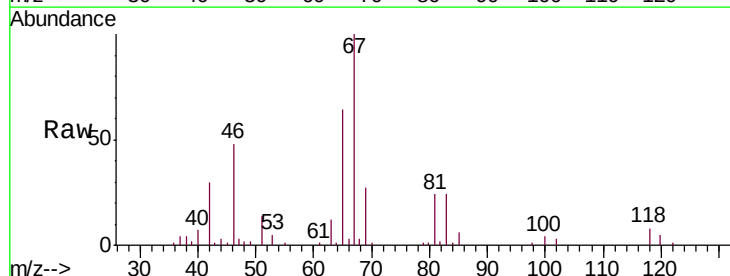


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

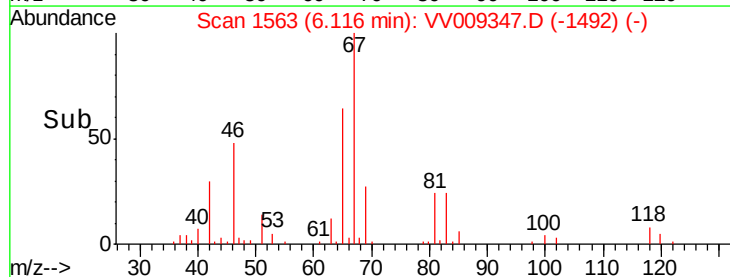
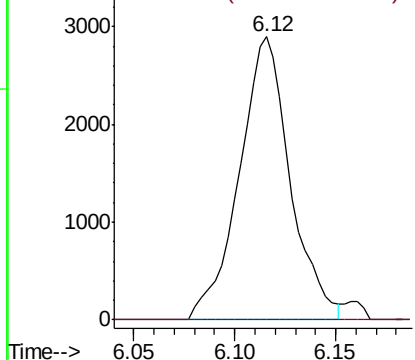


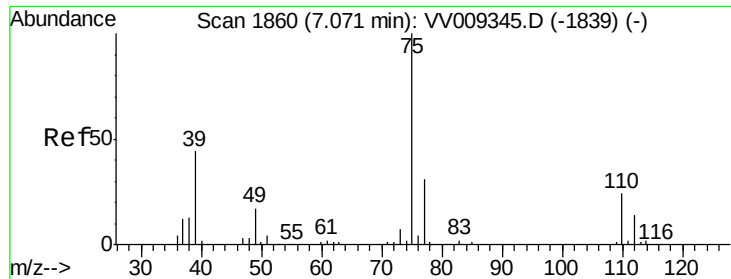
#40
1,2-Dichloropropane
Concen: 3.026 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009347.D
Acq: 25 Feb 2019 14:30

Tgt Ion: 63 Resp: 5116
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V



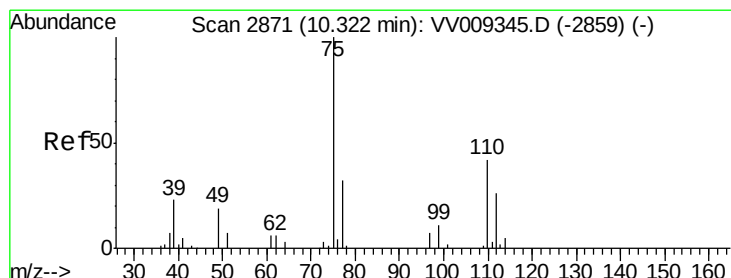
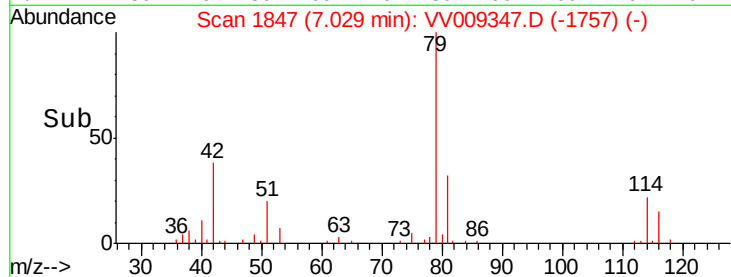
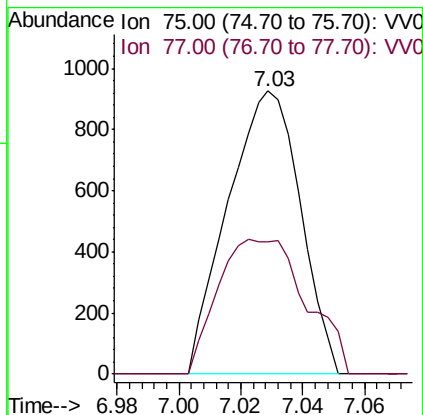
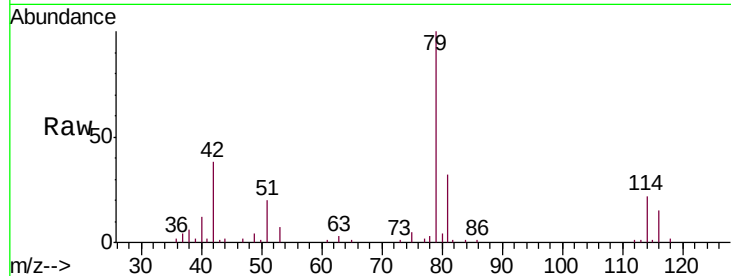


#42

cis-1,3-Dichloropropene
Concen: 0.526 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009347.D
Acq: 25 Feb 2019 14:30

Instrument :
MSVOA_V
ClientSampled :
DB611

Tgt Ion: 75 Resp: 1510
Ion Ratio Lower Upper
75 100
77 46.8 22.0 40.8#



#59

1,2,3-Trichloropropane
Concen: 4.430 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009347.D
Acq: 25 Feb 2019 14:30

Tgt Ion: 75 Resp: 6745
Ion Ratio Lower Upper
75 100
77 35.1 26.3 39.5

