

Data File : VV009595.D
Acq On : 11 Mar 2019 15:23
Operator : SY/MD
Sample : VIBLK81
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK81

Quant Time: Mar 12 04:14:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 04:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	147784	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143618	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60556	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37596	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
7) Chloroethane-d5	1.57	69	39362	15.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.20%
10) 1,1-Dichloroethene-d2	2.13	63	83056	17.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.76%
20) 2-Butanone-d5	3.93	46	29162	48.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.22%
24) Chloroform-d	4.40	84	80584	22.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	5.08	65	51654	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	5.10	84	174671	24.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.24%
33) 1,2-Dichloropropane-d6	6.12	67	52942	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.88%
37) Toluene-d8	7.36	98	166944	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	7.66	79	21753	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.52%
39) 2-Hexanone-d5	8.13	63	22553	46.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52625	23.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.12%
61) 1,2-Dichlorobenzene-d4	11.68	152	53327	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

Target Compounds

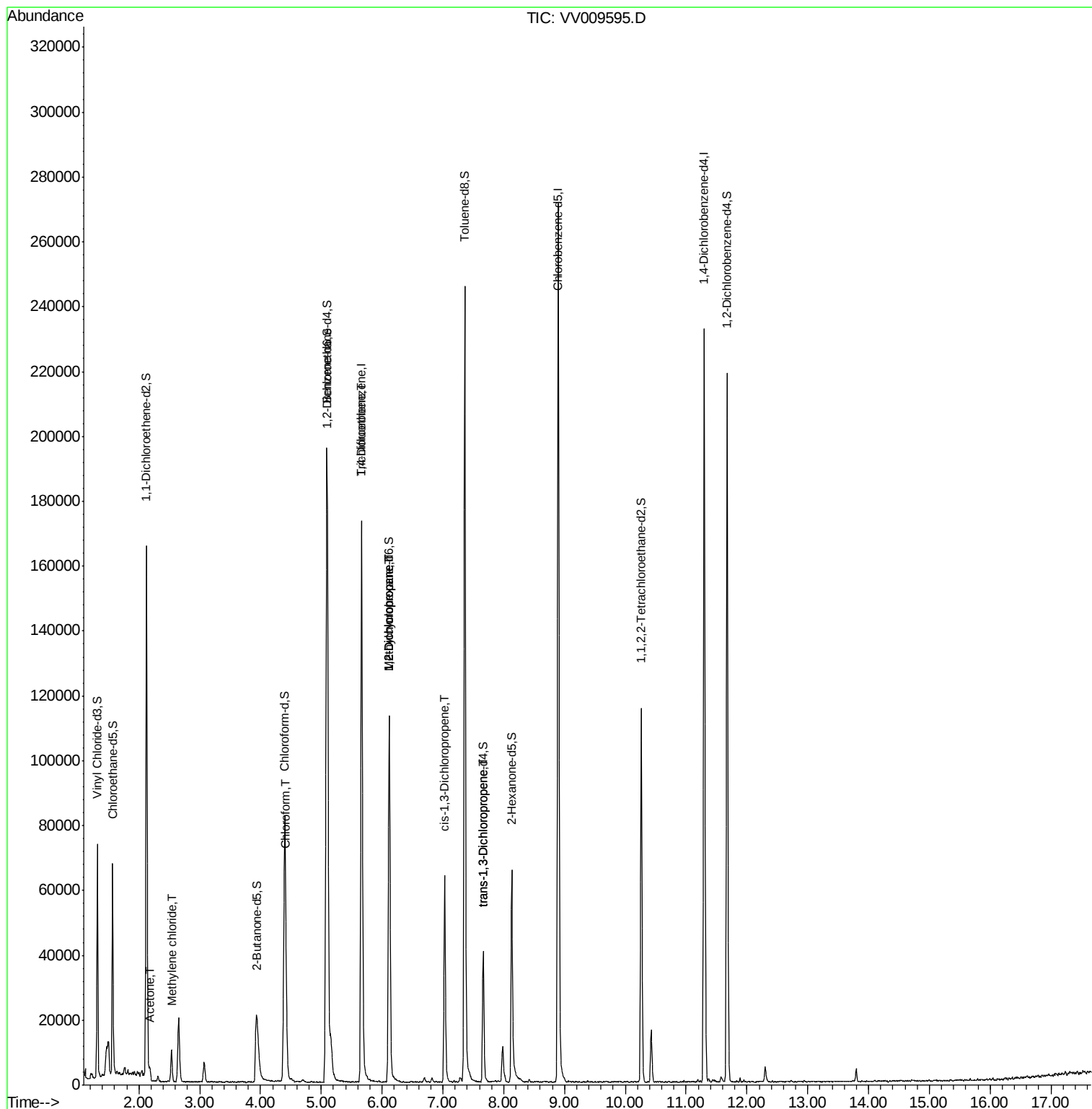
					Qvalue
13) Acetone	2.19	43	1472	2.388 ug/L	93
16) Methylene chloride	2.54	84	3966	2.045 ug/L	96
25) Chloroform	4.42	83	7632	2.199 ug/L	90
35) Trichloroethene	5.67	95	4435	2.080 ug/L #	6
36) Methylcyclohexane	6.12	83	12738	3.666 ug/L #	20
40) 1,2-Dichloropropane	6.12	63	6220	3.251 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1721	0.579 ug/L #	67
45) trans-1,3-Dichloropropene	7.66	75	1235	0.476 ug/L	85

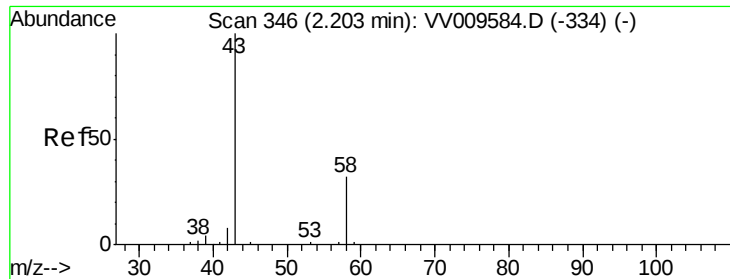
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 12 04:11:52 2019
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#13

Acetone

Concen: 2.388 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV009595.D

Acq: 11 Mar 2019 15:23

Instrument :

MSVOA_V

ClientSampled :

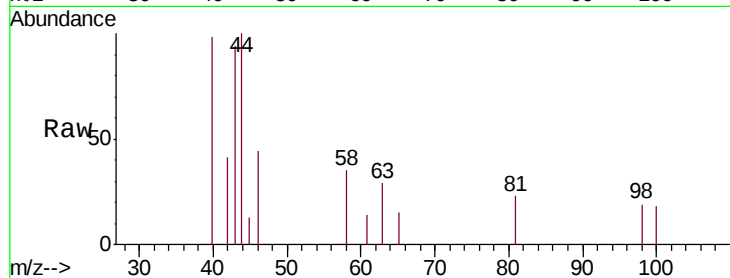
VIBLK81

Tgt Ion: 43 Resp: 1472

Ion Ratio Lower Upper

43 100

58 30.1 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009584.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009584.D (-334) (-)

2.19

800

600

400

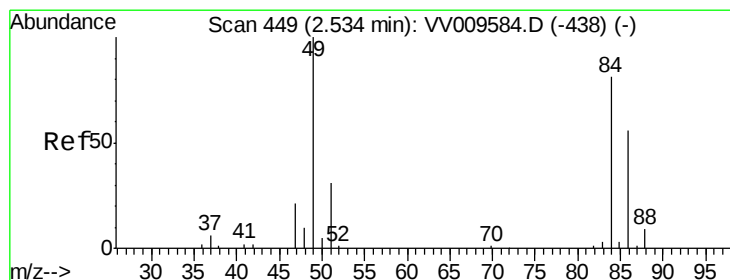
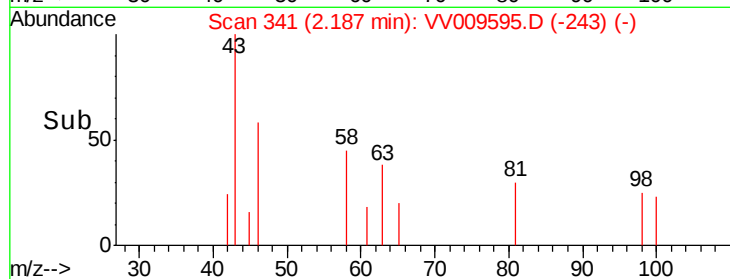
200

0

2.15

2.20

Time-->



#16

Methylene chloride

Concen: 2.045 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009595.D

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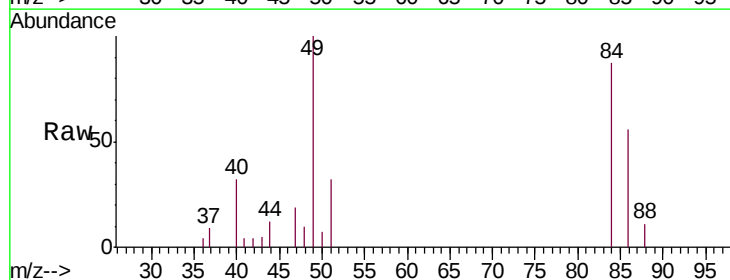
Tgt Ion: 84 Resp: 3966

Ion Ratio Lower Upper

84 100

49 114.9 84.6 157.0

86 64.3 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009584.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009584.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009584.D (-438) (-)

2.54

3000

2000

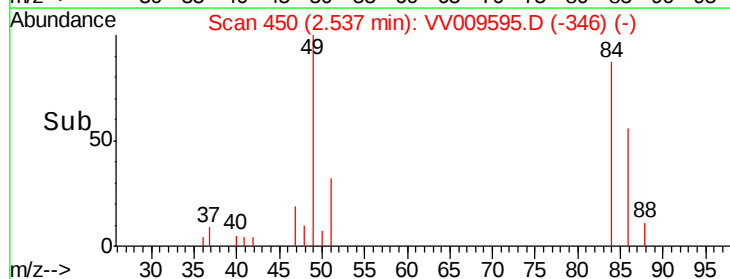
1000

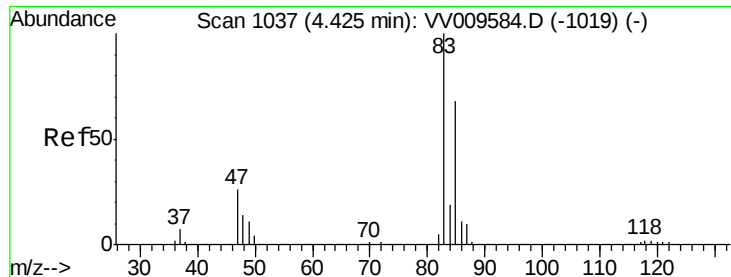
0

2.50

2.55

Time-->

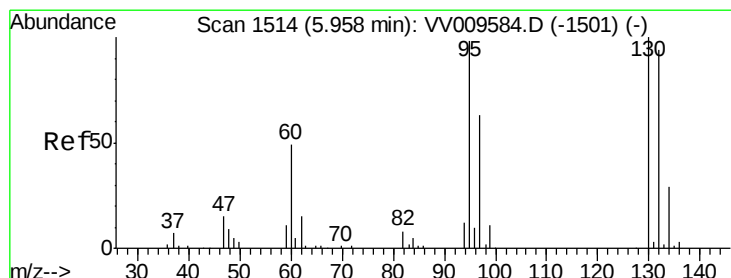
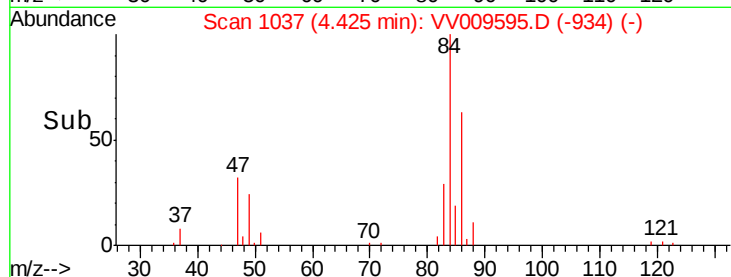
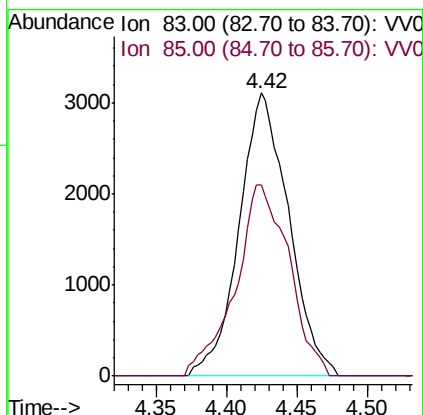
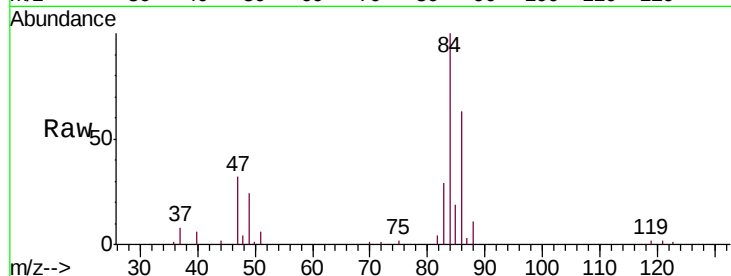




#25
Chloroform
Concen: 2.199 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009595.D
Acq: 11 Mar 2019 15:23

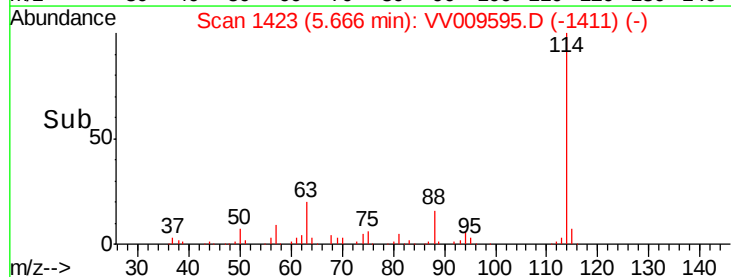
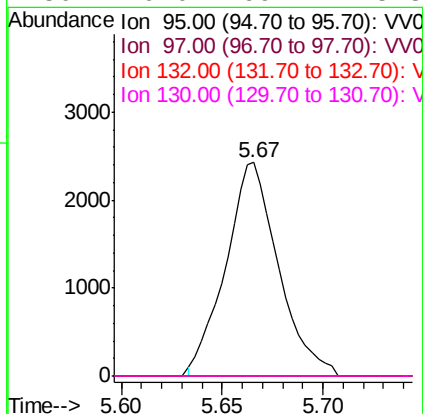
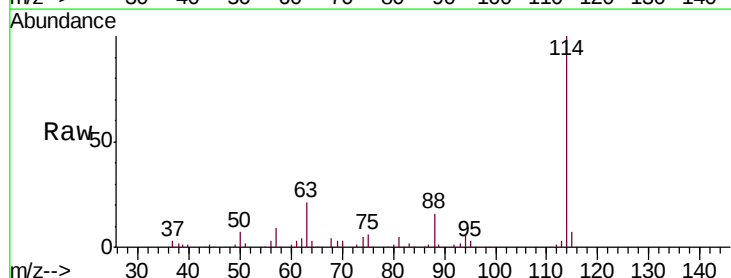
Instrument :
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VIBLK81

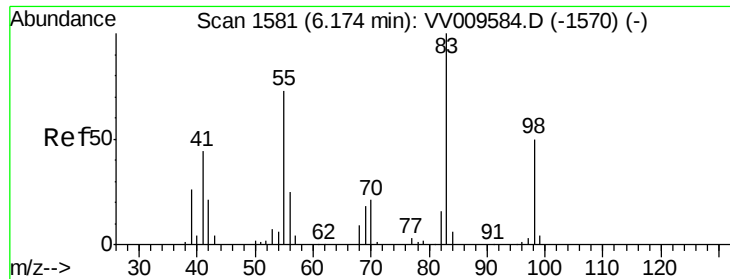
Tgt Ion: 83 Resp: 7632
Ion Ratio Lower Upper
83 100
85 73.0 45.4 84.2



#35
Trichloroethene
Concen: 2.080 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009595.D
Acq: 11 Mar 2019 15:23

Tgt Ion: 95 Resp: 4435
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 64.4 119.6#
130 0.0 69.4 128.8#

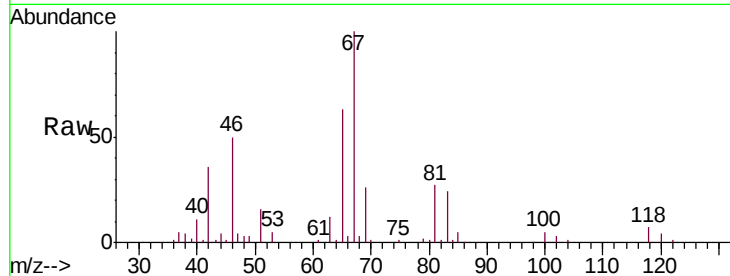




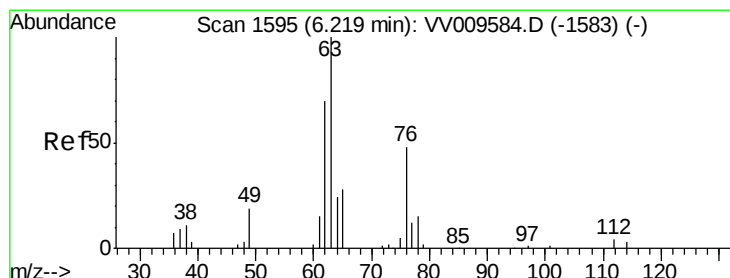
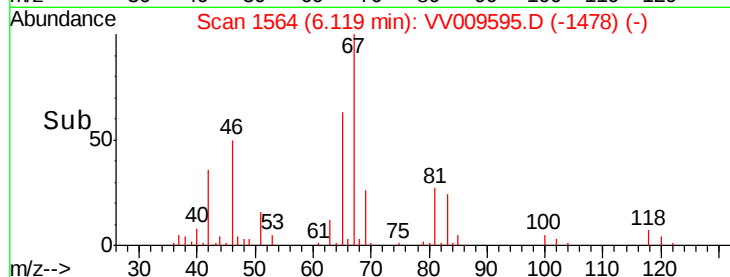
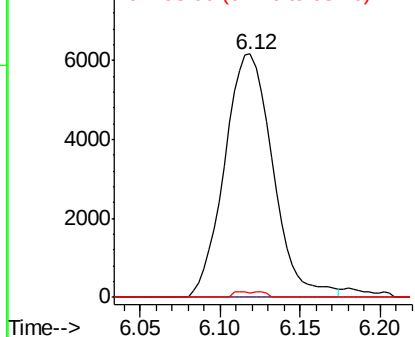
#36
Methylcyclohexane
Concen: 3.666 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009595.D
Acq: 11 Mar 2019 15:23

Instrument :
MSVOA_V
ClientSampleId :
VIBLK81

Tgt Ion: 83 Resp: 12738
Ion Ratio Lower Upper
83 100
55 0.0 58.8 88.2#
98 0.8 37.7 56.5#

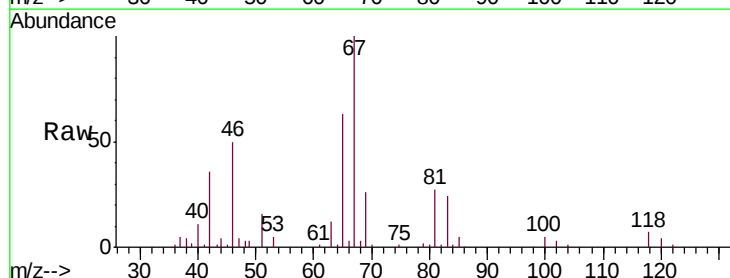


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

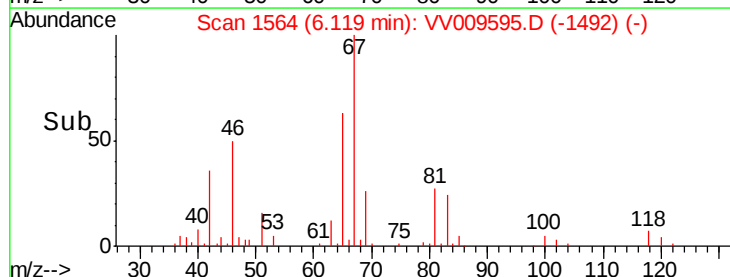
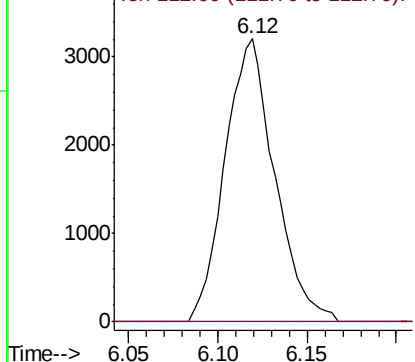


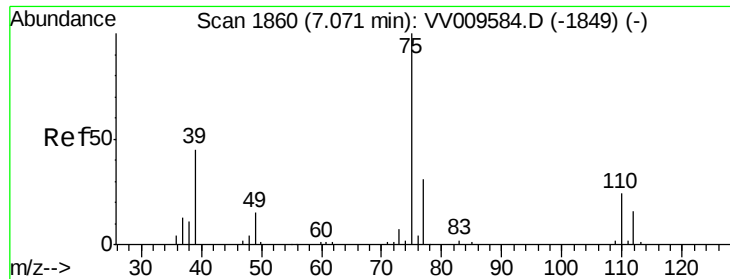
#40
1,2-Dichloropropane
Concen: 3.251 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009595.D
Acq: 11 Mar 2019 15:23

Tgt Ion: 63 Resp: 6220
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



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



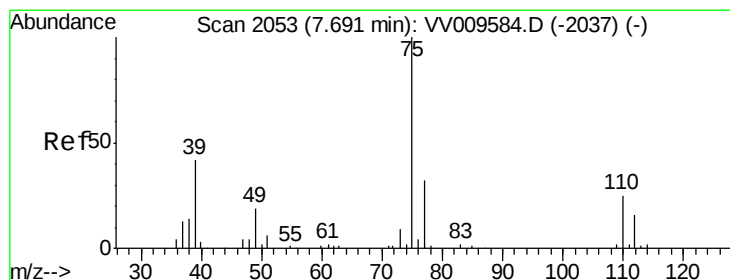
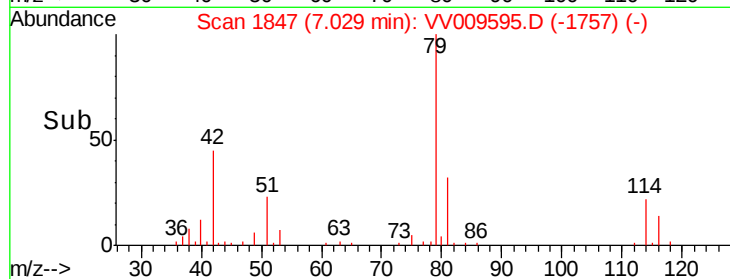
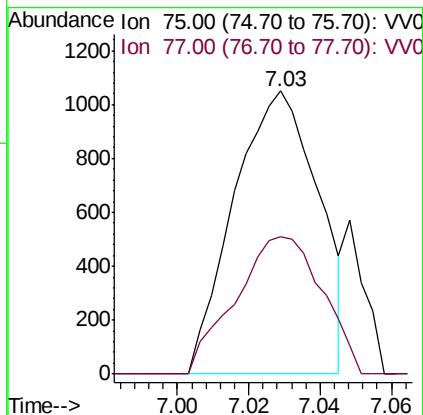
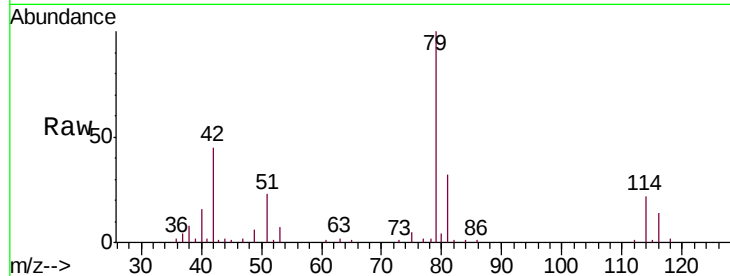


#42

cis-1,3-Dichloropropene
 Concen: 0.579 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009595.D
 Acq: 11 Mar 2019 15:23

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 ClientSampleId :
 VIBLK81

Tgt Ion: 75 Resp: 1721
 Ion Ratio Lower Upper
 75 100
 77 48.4 21.4 39.8#



#45

trans-1,3-Dichloropropene
 Concen: 0.476 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV009595.D
 Acq: 11 Mar 2019 15:23

Tgt Ion: 75 Resp: 1235
 Ion Ratio Lower Upper
 75 100
 77 40.4 22.5 41.7

