

Data File : VV009896.D
Acq On : 26 Mar 2019 16:12
Operator : SY/MD
Sample : VV0326SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK74

Quant Time: Mar 27 01:46:59 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	169313	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164065	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72461	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85259	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.28%
7) Chloroethane-d5	1.57	69	88863	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
10) 1,1-Dichloroethene-d2	2.13	63	183916	19.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.28%
20) 2-Butanone-d5	3.93	46	34975	54.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.26%
24) Chloroform-d	4.40	84	103172	23.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.08	65	64215	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.96%
29) Benzene-d6	5.10	84	228094	26.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.88%
33) 1,2-Dichloropropane-d6	6.12	67	68169	27.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.16%
37) Toluene-d8	7.36	98	209112	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.56%
38) trans-1,3-Dichloropropene-	7.66	79	24407	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	8.13	63	23674	50.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61400	24.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	70724	25.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.56%

Target Compounds

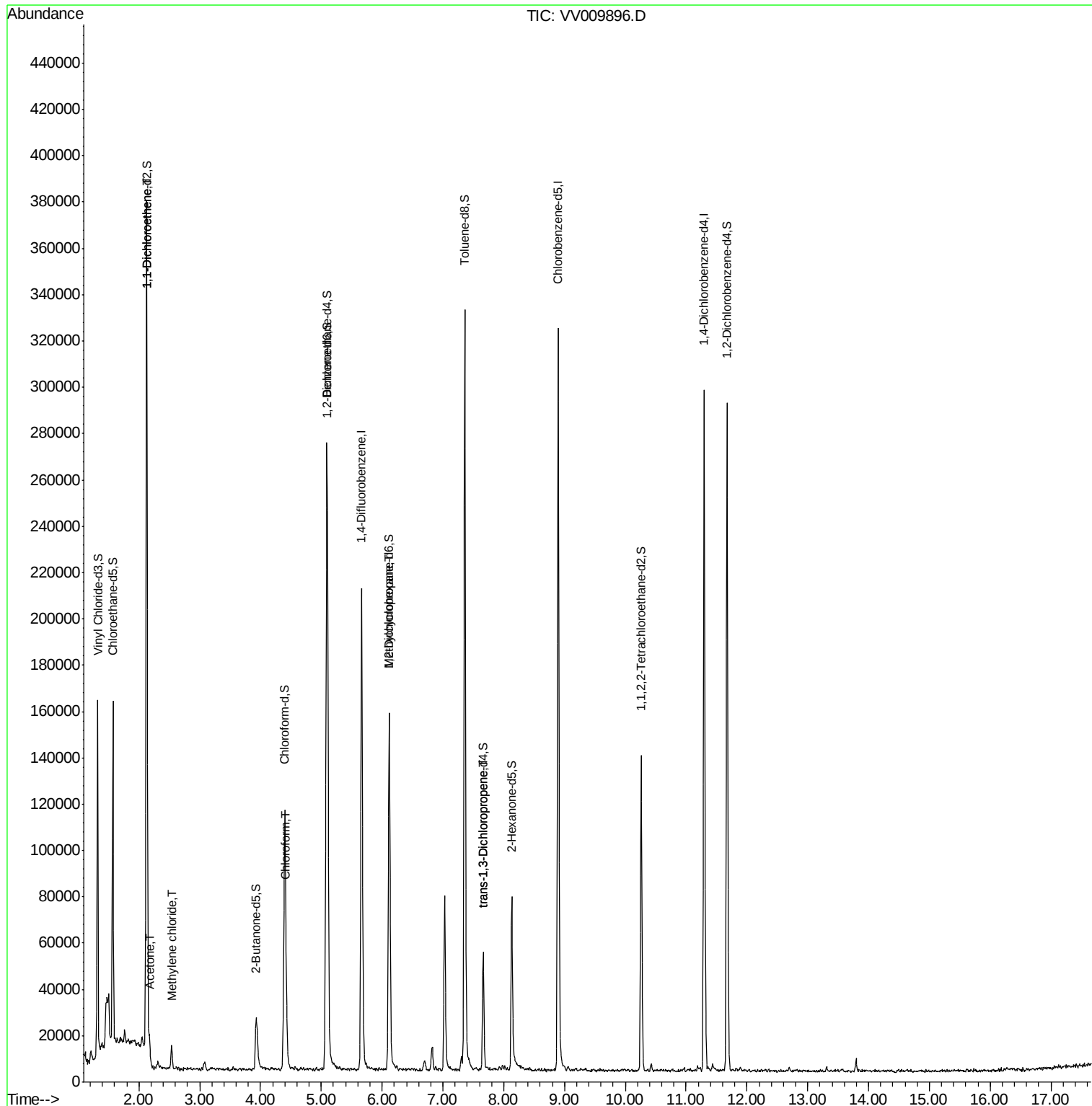
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1789	0.432 ug/L #	1
13) Acetone	2.18	43	621	0.641 ug/L	56
16) Methylene chloride	2.54	84	4018	1.441 ug/L	96
25) Chloroform	4.43	83	6516	1.453 ug/L	92
36) Methylcyclohexane	6.12	83	16382	4.394 ug/L #	21
45) trans-1,3-Dichloropropene	7.67	75	1559	0.580 ug/L	100

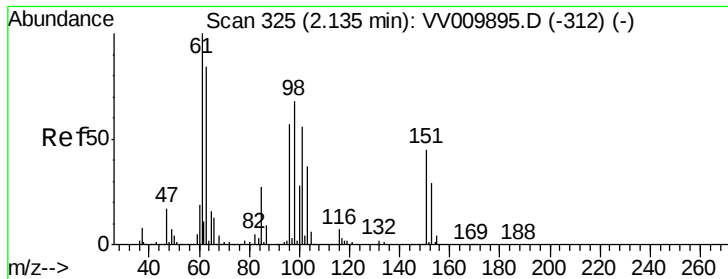
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.432 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009896.D

Acq: 26 Mar 2019 16:12

Instrument :

MSVOA_V

ClientSampled :

VBLK74

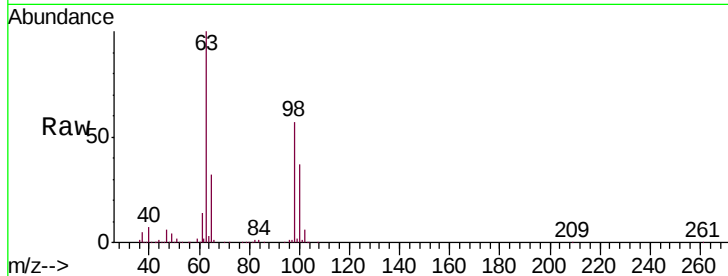
Tgt Ion: 96 Resp: 1789

Ion Ratio Lower Upper

96 100

61 1634.4 124.3 230.8#

63 11526.9 88.2 163.8#

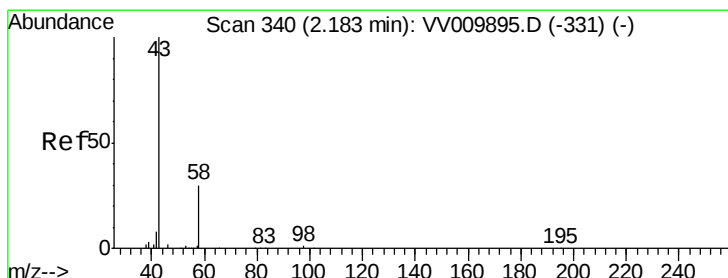
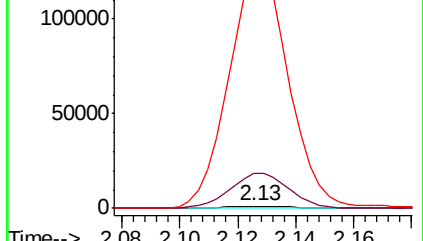
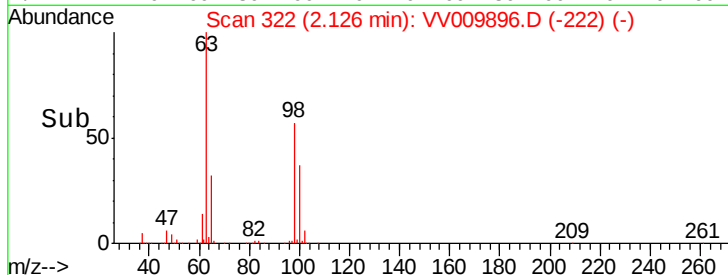


Abundance Ion 96.00 (95.70 to 96.70): VV009895.D (-312) (-)

Ion 61.00 (60.70 to 61.70): VV009895.D (-312) (-)

Ion 63.00 (62.70 to 63.70): VV009895.D (-312) (-)

Time-->



#13

Acetone

Concen: 0.641 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV009896.D

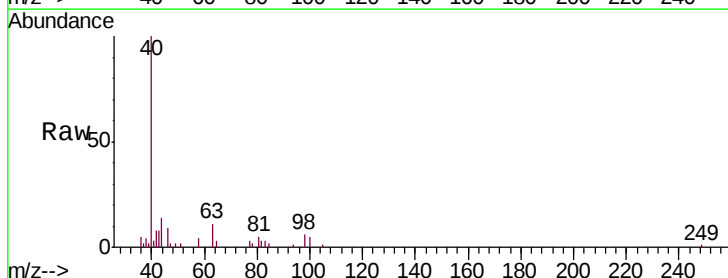
Acq: 26 Mar 2019 16:12

Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

43 100

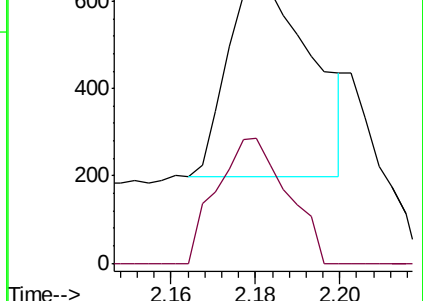
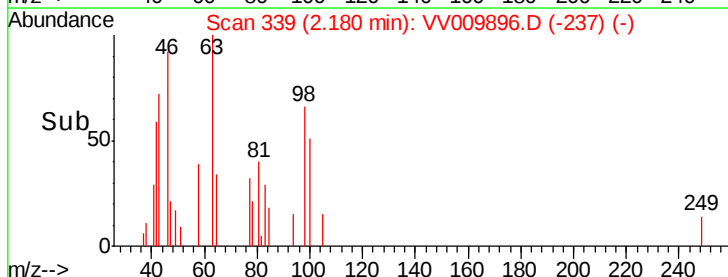
58 53.5 0.0 59.4

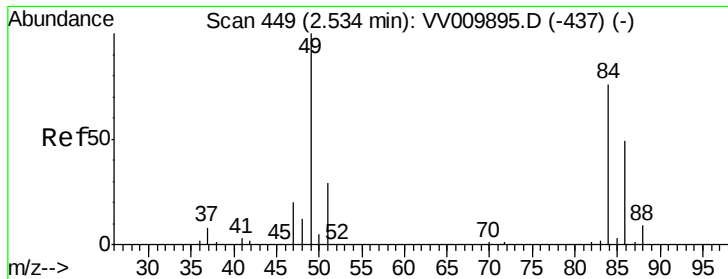


Abundance Ion 43.00 (42.70 to 43.70): VV009895.D (-331) (-)

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

Time-->

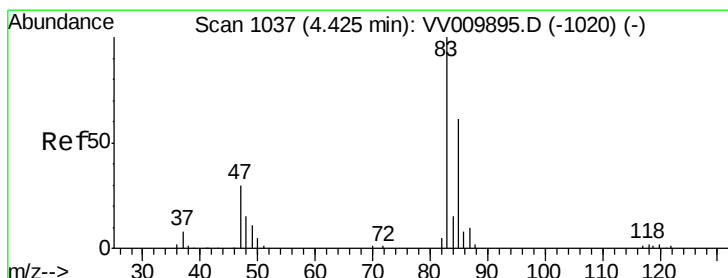
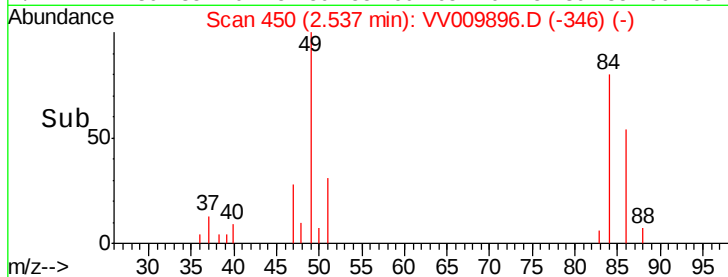
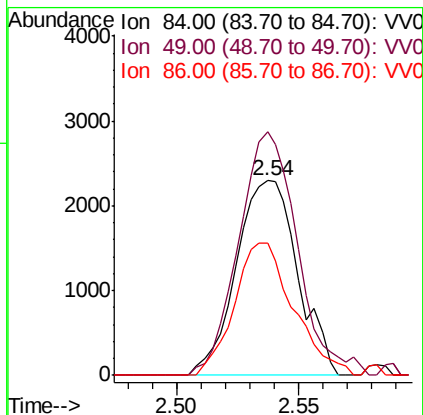
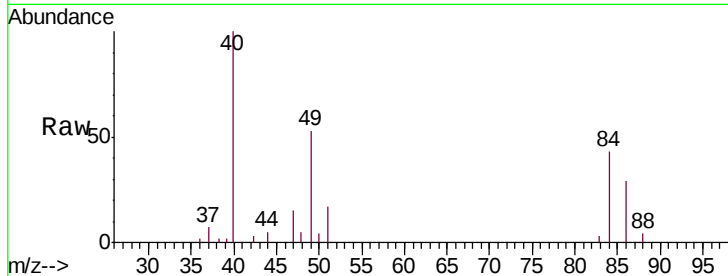




#16
Methylene chloride
Concen: 1.441 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009896.D
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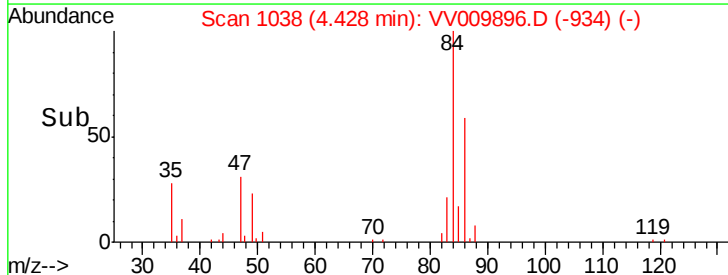
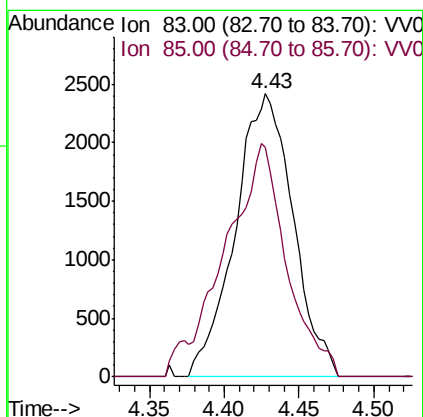
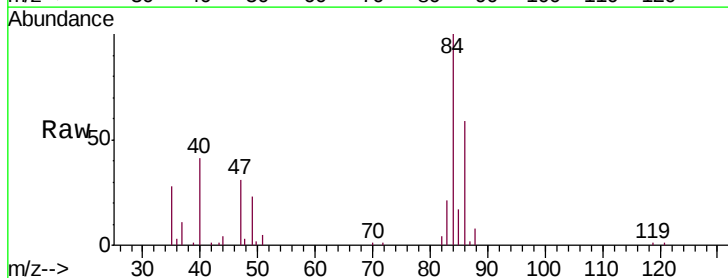
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ClientSampleId :
VBLK74

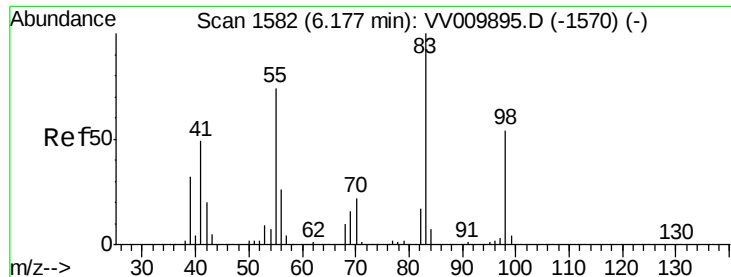
Tgt Ion: 84 Resp: 4018
Ion Ratio Lower Upper
84 100
49 125.0 90.4 167.8
86 67.6 44.0 81.6



#25
Chloroform
Concen: 1.453 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009896.D
Acq: 26 Mar 2019 16:12

Tgt Ion: 83 Resp: 6516
Ion Ratio Lower Upper
83 100
85 72.5 46.1 85.7

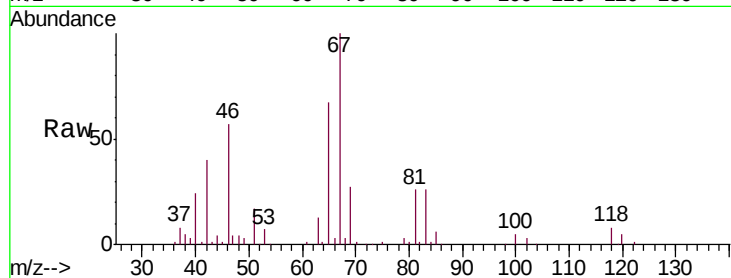




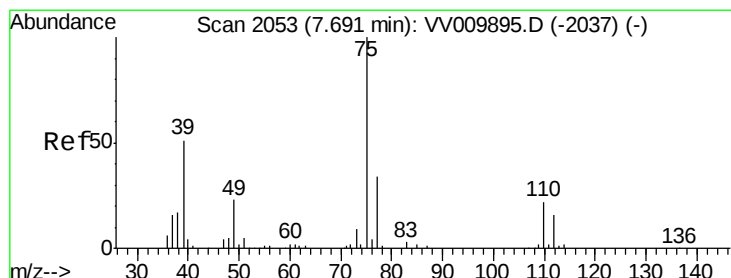
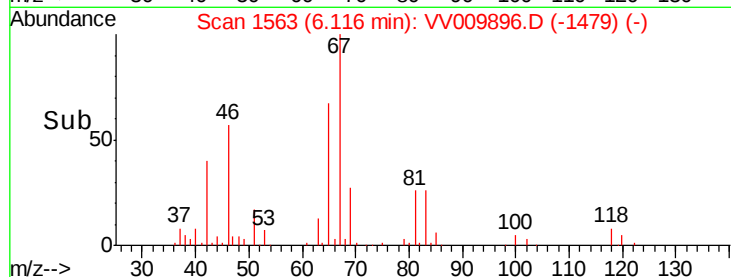
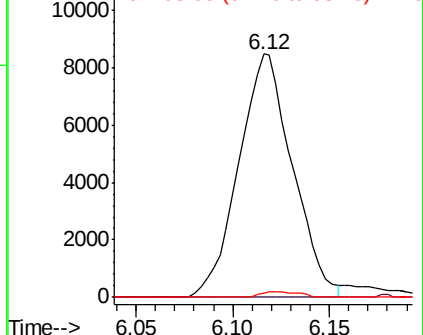
#36
Methylcyclohexane
Concen: 4.394 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009896.D
Acq: 26 Mar 2019 16:12

Instrument :
MSVOA_V
ClientSampled :
VBLK74

Tgt Ion: 83 Resp: 16382
Ion Ratio Lower Upper
83 100
55 0.3 57.3 85.9#
98 1.3 39.2 58.8#

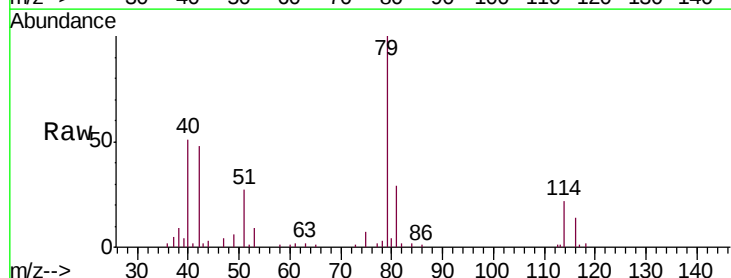


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#45
trans-1,3-Dichloropropene
Concen: 0.580 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009896.D
Acq: 26 Mar 2019 16:12

Tgt Ion: 75 Resp: 1559
Ion Ratio Lower Upper
75 100
77 29.7 20.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

