

Data File : VV010854.D
Acq On : 14 May 2019 11:25
Operator : SY/MD
Sample : VV0514SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK89

Quant Time: May 15 06:55:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	118017	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	115886	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52113	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45408	30.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.80%
7) Chloroethane-d5	1.57	69	29479	30.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.32%
10) 1,1-Dichloroethene-d2	2.12	63	62362	21.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.68%
20) 2-Butanone-d5	3.94	46	22902	48.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.82%
24) Chloroform-d	4.40	84	78241	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	5.08	65	45314	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	5.10	84	172435	26.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.52%
33) 1,2-Dichloropropane-d6	6.12	67	53117	25.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.84%
37) Toluene-d8	7.36	98	158548	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.88%
38) trans-1,3-Dichloropropene-	7.66	79	20422	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.52%
39) 2-Hexanone-d5	8.13	63	16042	41.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41772	22.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	54994	25.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.04%

Target Compounds

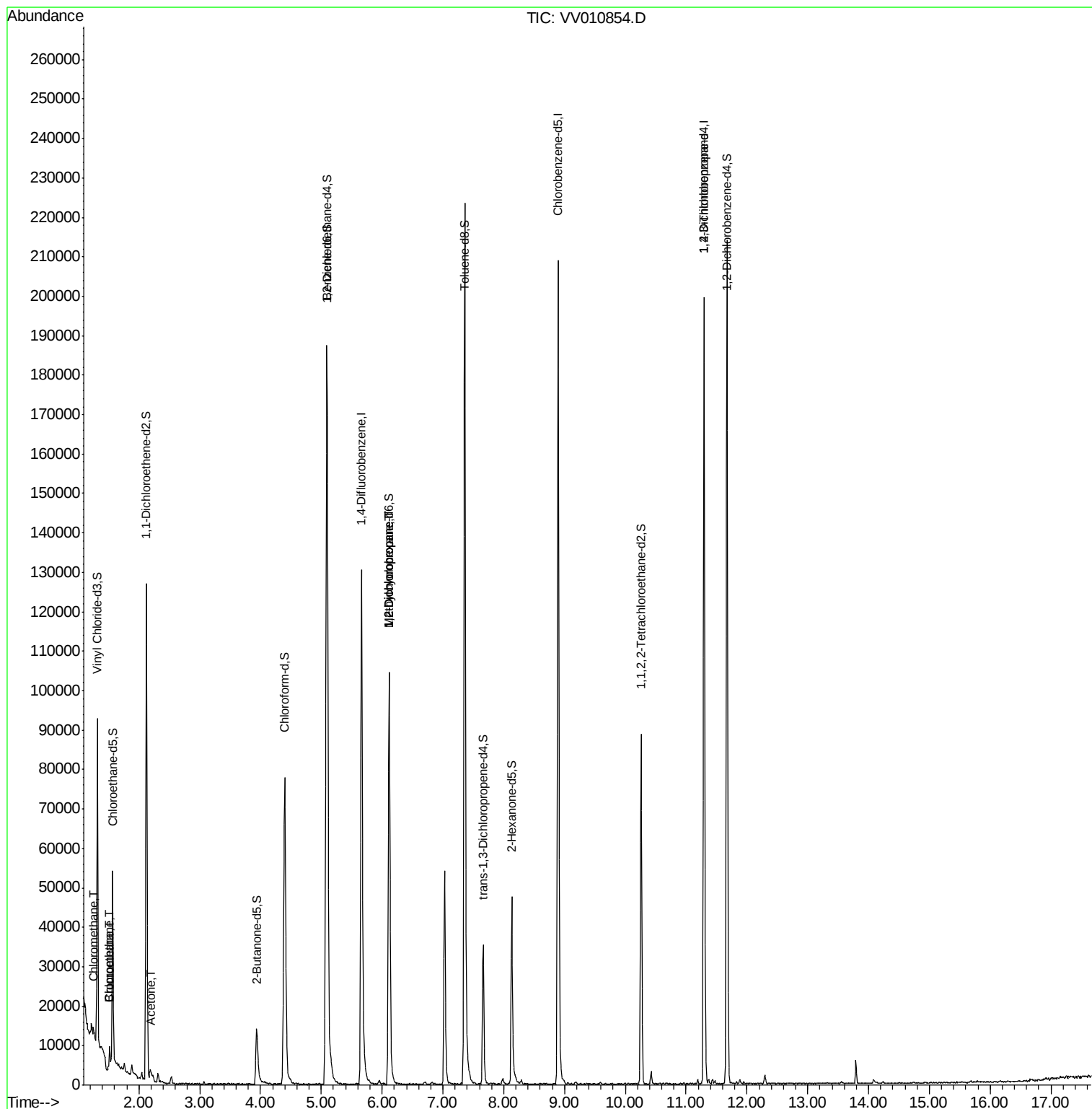
					Qvalue
3) Chloromethane	1.25	50	1358	0.866 ug/L	98
6) Bromomethane	1.52	94	1193	3.045 ug/L	92
8) Chloroethane	1.51	64	1593	1.824 ug/L #	55
13) Acetone	2.19	43	706	1.465 ug/L	79
36) Methylcyclohexane	6.12	83	12207	5.011 ug/L #	19
40) 1,2-Dichloropropane	6.11	63	5537	3.010 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	6524	4.602 ug/L	92

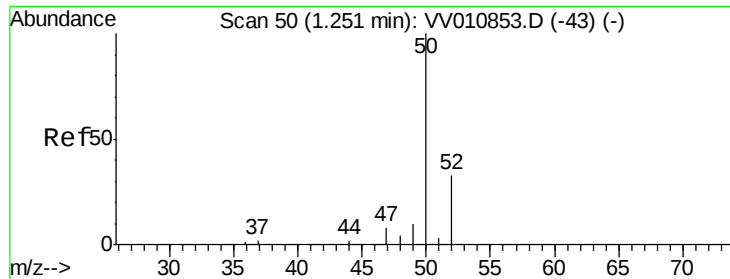
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.866 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Acq: 14 May 2019 11:25

Instrument :

MSVOA_V

ClientSampleId :

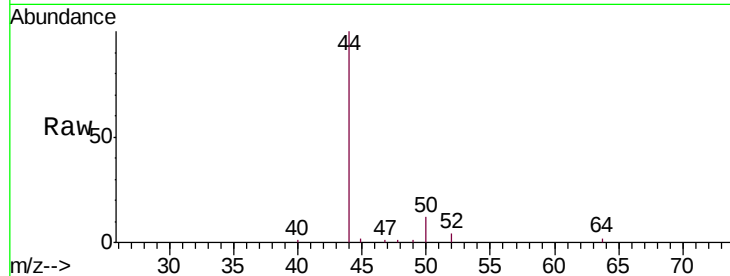
VBLK89

Tgt Ion: 50 Resp: 1358

Ion Ratio Lower Upper

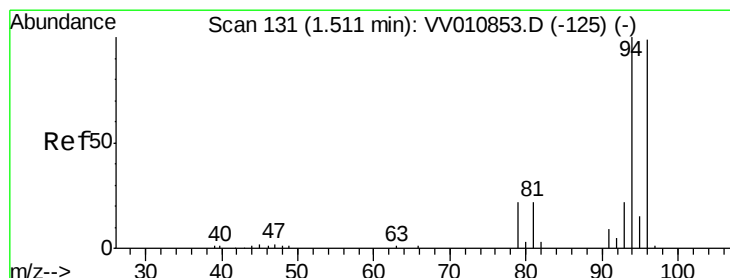
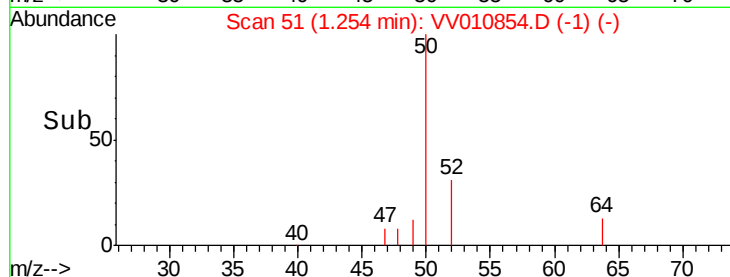
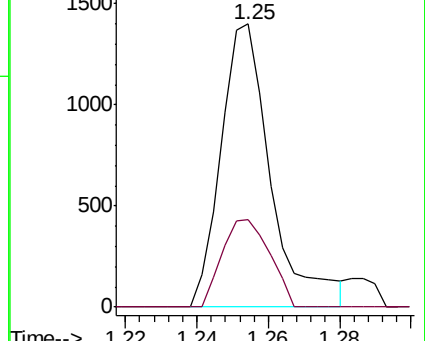
50 100

52 30.7 22.5 41.7



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#6

Bromomethane

Concen: 3.045 ug/L

RT: 1.52 min Scan# 134

Delta R.T. 0.01 min

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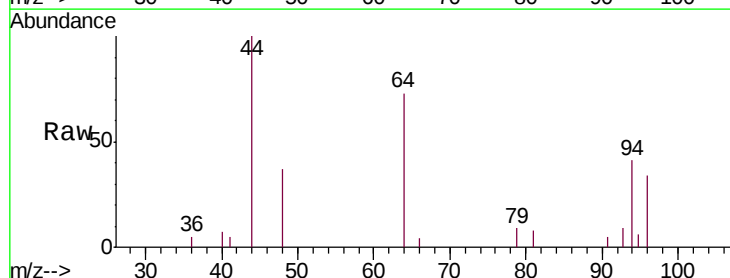
Acq: 14 May 2019 11:25

Tgt Ion: 94 Resp: 1193

Ion Ratio Lower Upper

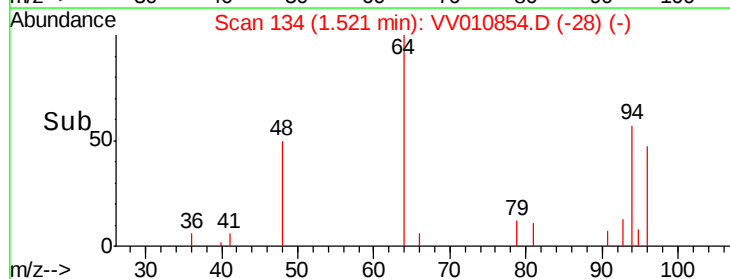
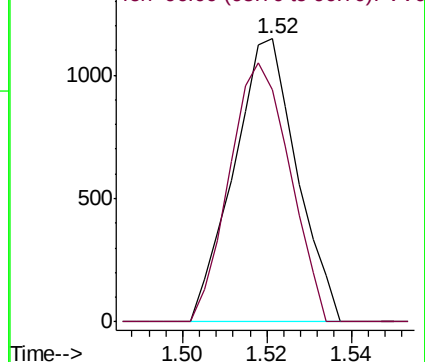
94 100

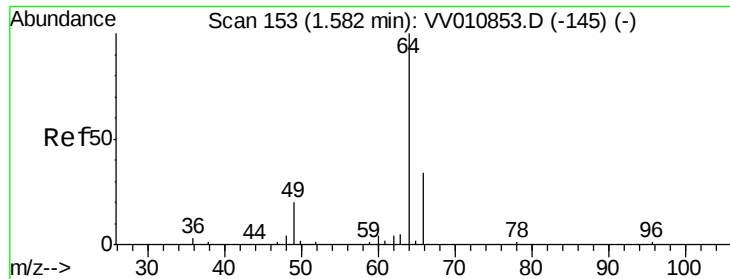
96 87.5 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

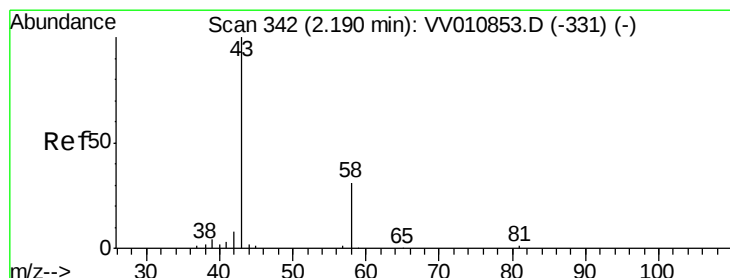
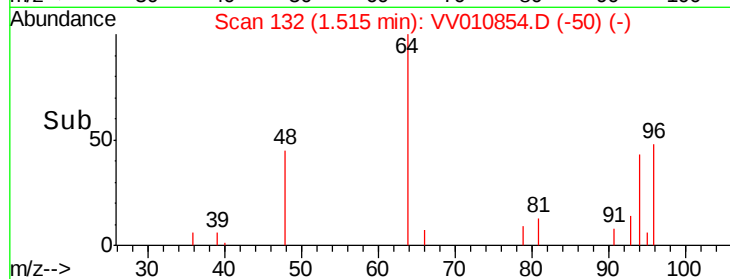
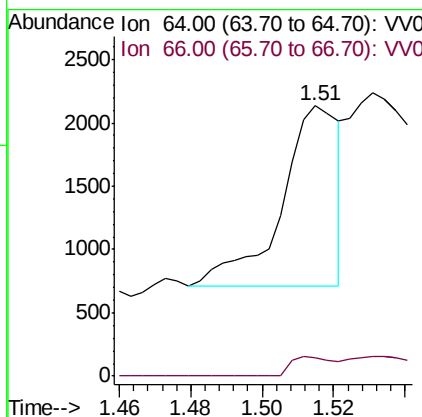
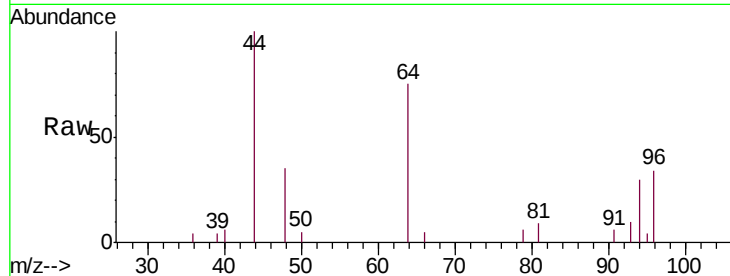




#8
 Chloroethane
 Concen: 1.824 ug/L
 RT: 1.51 min Scan# 132
 Delta R.T. -0.07 min
 Lab File: VV010854.D
 Acq: 14 May 2019 11:25

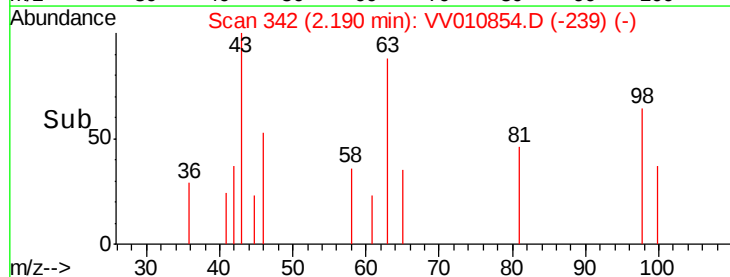
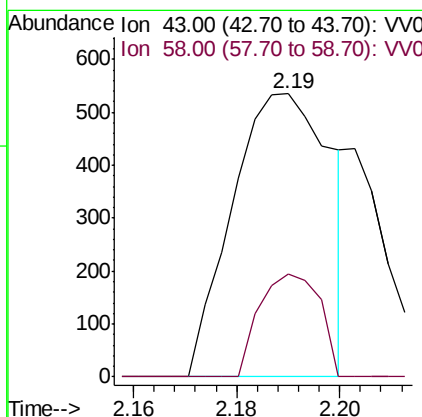
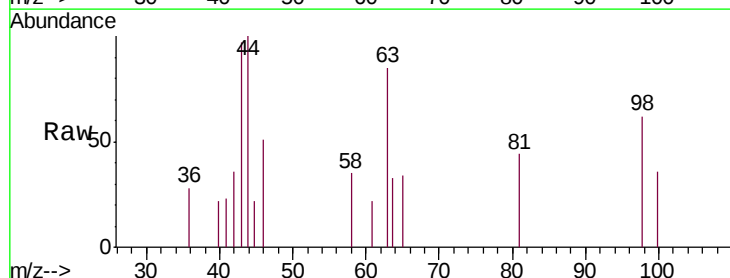
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK89

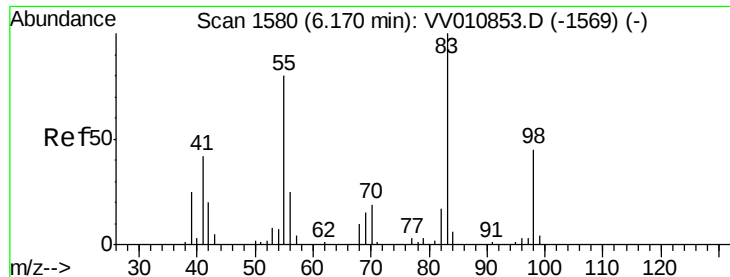
Tgt Ion: 64 Resp: 1593
 Ion Ratio Lower Upper
 64 100
 66 6.9 22.5 41.9#



#13
 Acetone
 Concen: 1.465 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV010854.D
 Acq: 14 May 2019 11:25

Tgt Ion: 43 Resp: 706
 Ion Ratio Lower Upper
 43 100
 58 22.2 0.0 69.2

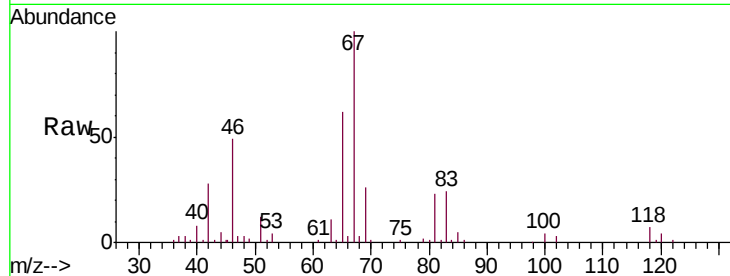




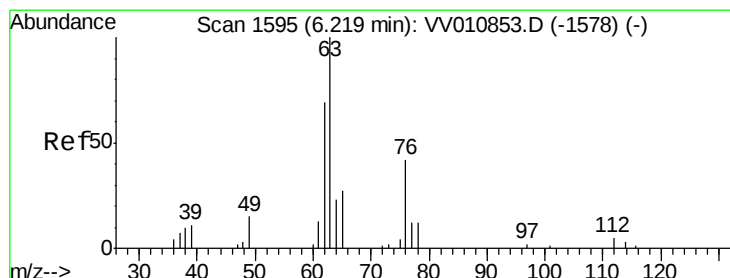
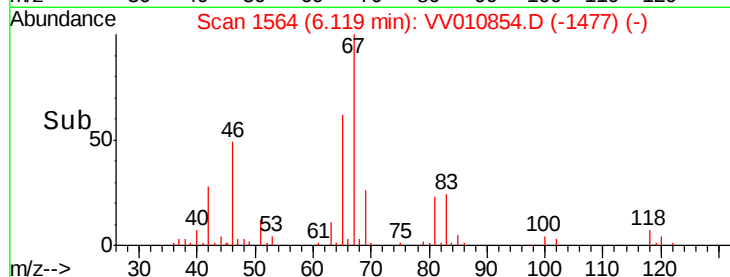
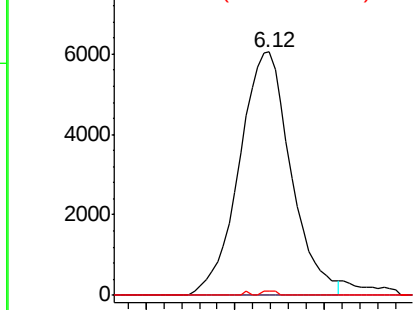
#36
Methylcyclohexane
Concen: 5.011 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010854.D
Acq: 14 May 2019 11:25

Instrument :
MSVOA_V
ClientSampled :
VBLK89

Tgt Ion: 83 Resp: 12207
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.5 37.2 55.8#

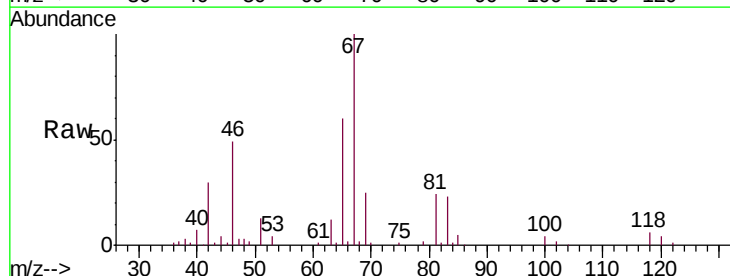


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

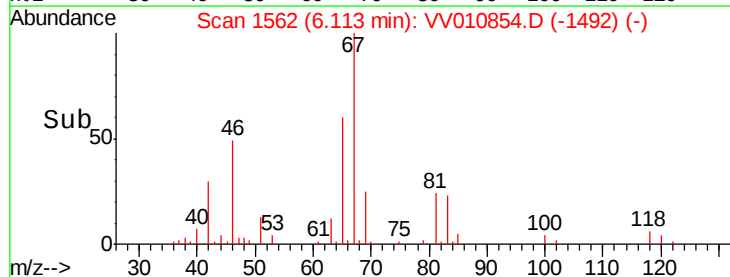
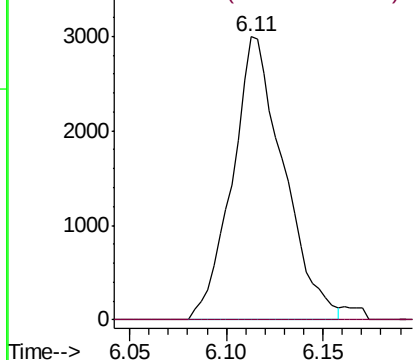


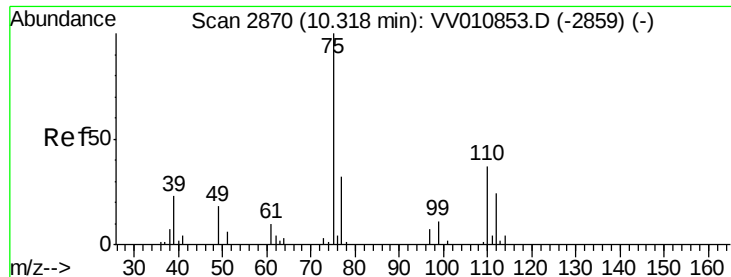
#40
1,2-Dichloropropane
Concen: 3.010 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010854.D
Acq: 14 May 2019 11:25

Tgt Ion: 63 Resp: 5537
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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





#59

1,2,3-Trichloropropane

Concen: 4.602 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010854.D

Acq: 14 May 2019 11:25

Instrument :

MSVOA_V

ClientSampleId :

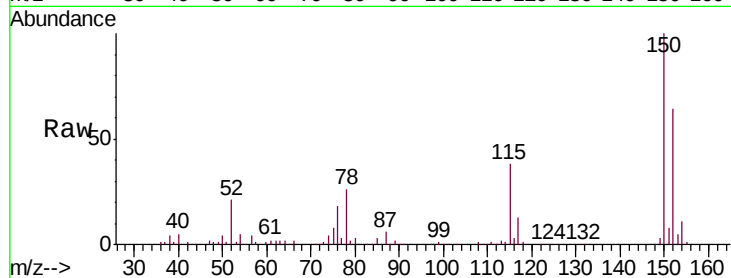
VBLK89

Tgt Ion: 75 Resp: 6524

Ion Ratio Lower Upper

75 100

77 37.4 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

