

Data File : VV012173.D
Acq On : 10 Aug 2019 01:16
Operator : SY/MD
Sample : K4248-11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B47

Quant Time: Aug 10 05:12:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	247674	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	218774	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	89995	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44300	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.24%
7) Chloroethane-d5	1.58	69	30633	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.46%
11) 1,1-Dichloroethene-d2	2.13	63	61442	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	3.93	46	26244	58.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.25%
24) Chloroform-d	4.40	84	85357	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.08	65	59483	54.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.60%
32) Benzene-d6	5.10	84	184546	54.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.82%
36) 1,2-Dichloropropane-d6	6.12	67	49396	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.08%
41) Toluene-d8	7.36	98	158587	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%
43) trans-1,3-Dichloropropene-	7.66	79	23956	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.82%
47) 2-Hexanone-d5	8.13	63	34782	98.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	64949	51.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	56583	53.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

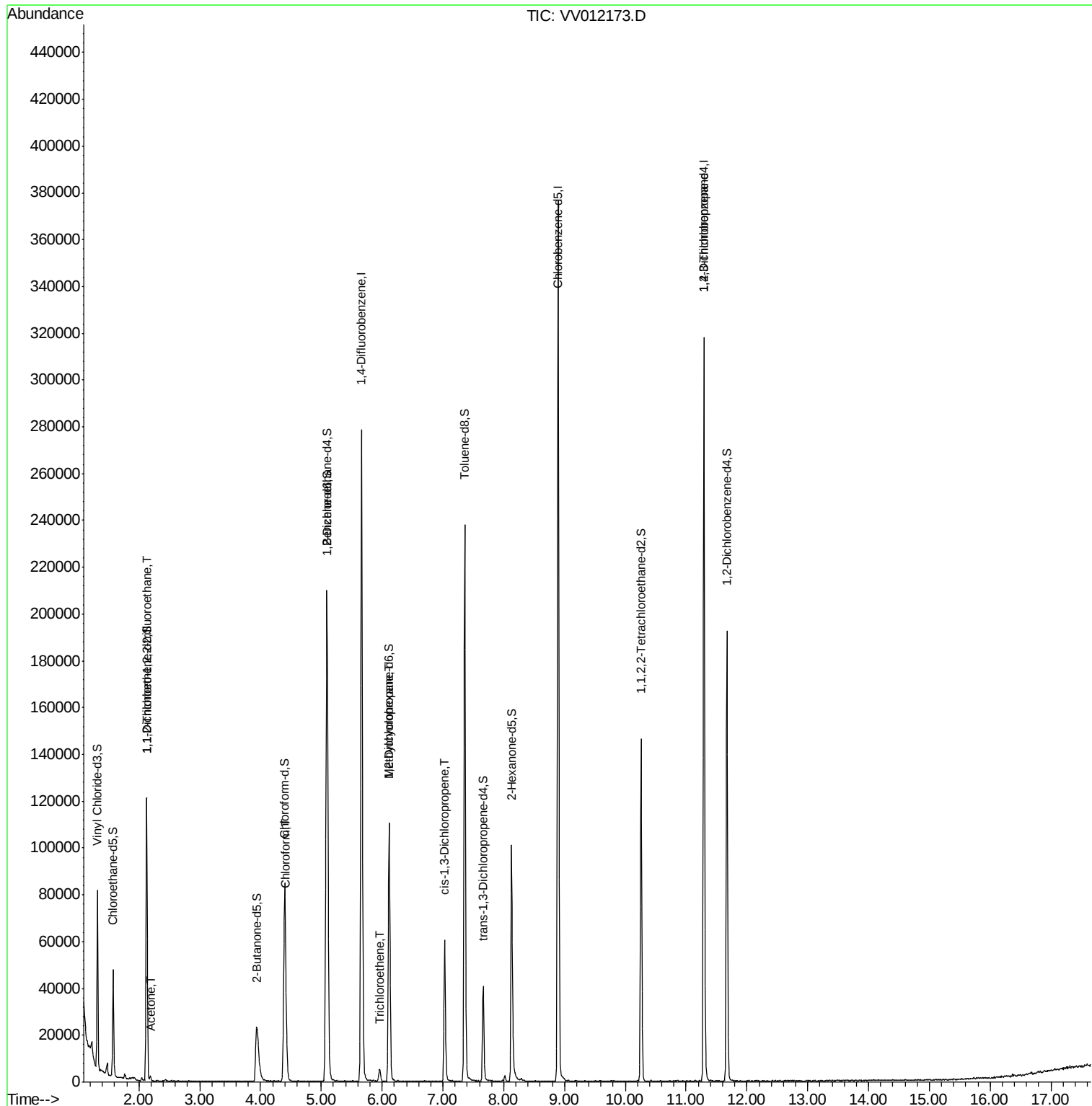
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	684	0.626	ug/L #	14
13) Acetone	2.19	43	363	0.555	ug/L #	43
25) Chloroform	4.42	83	3901	1.347	ug/L	100
34) Trichloroethene	5.96	95	1532	1.015	ug/L	91
35) Methylcyclohexane	6.11	83	13589	5.781	ug/L #	21
39) cis-1,3-Dichloropropene	7.03	75	1448	0.631	ug/L #	61
59) 1,2,3-Trichloropropene	11.29	75	7812	4.353	ug/L #	84

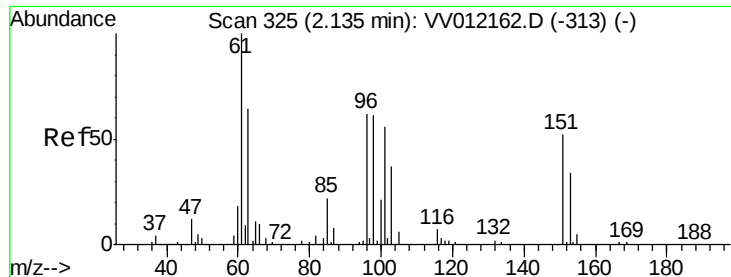
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.626 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 10 Aug 2019 01:16

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MSVOA_V

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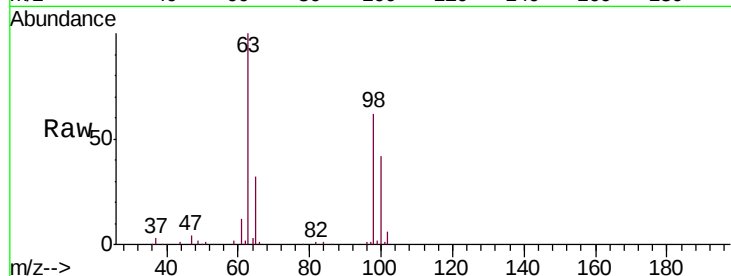
Tgt Ion: 101 Resp: 684

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

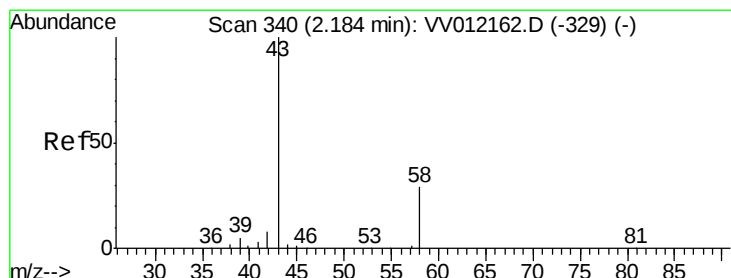
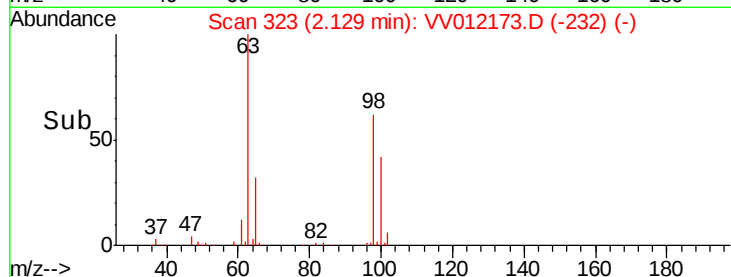
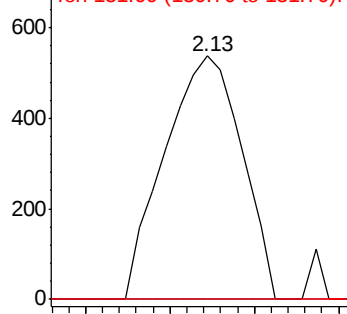
151 0.0 71.8 107.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.555 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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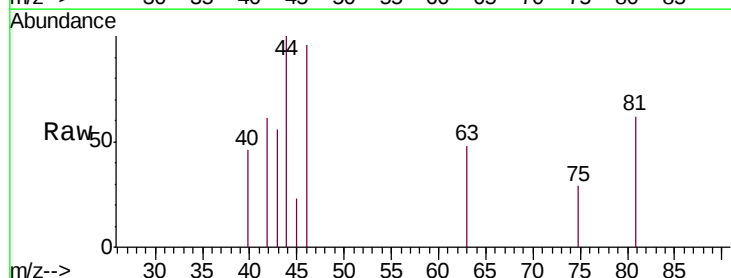
Acq: 10 Aug 2019 01:16

Tgt Ion: 43 Resp: 363

Ion Ratio Lower Upper

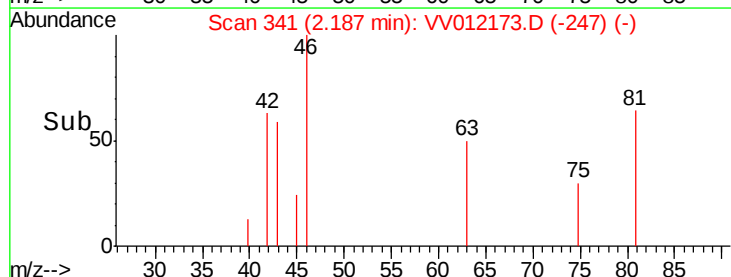
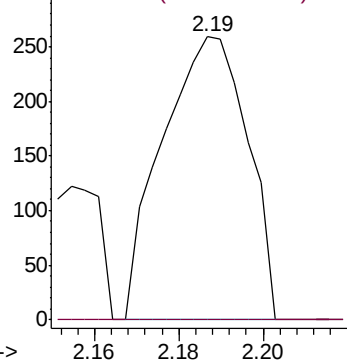
43 100

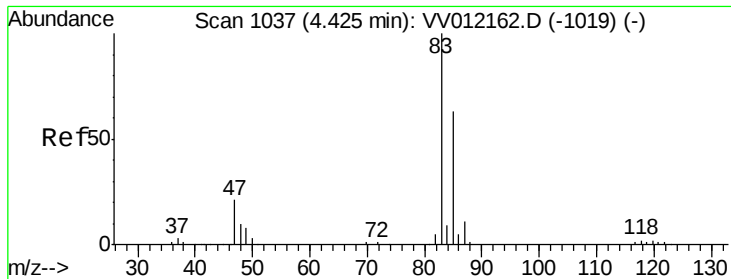
58 0.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

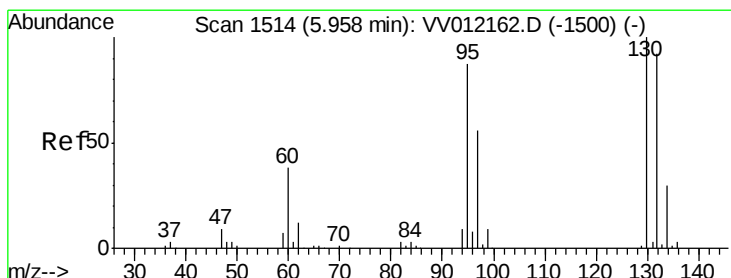
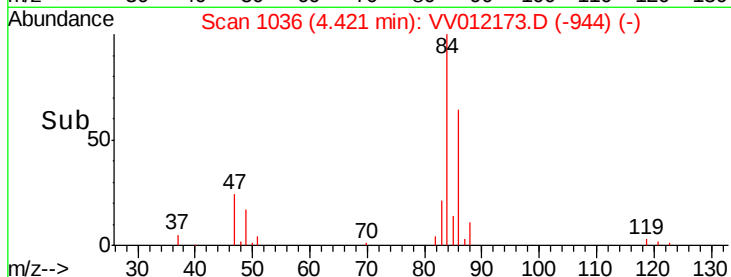
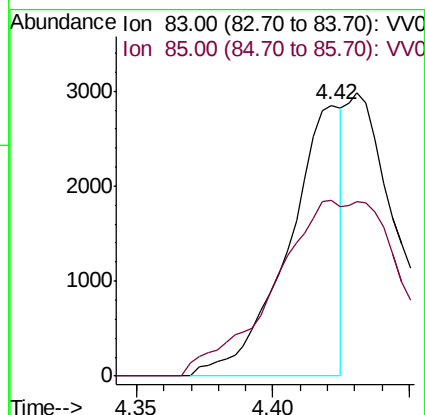
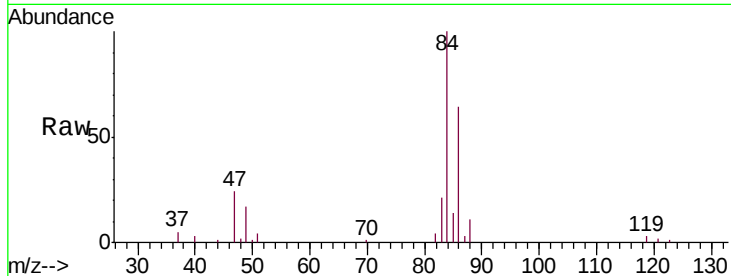




#25
Chloroform
Concen: 1.347 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012173.D
Acq: 10 Aug 2019 01:16

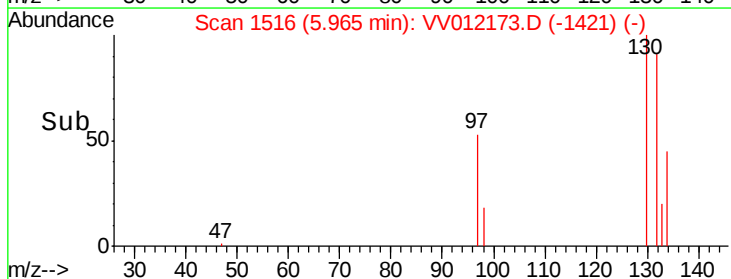
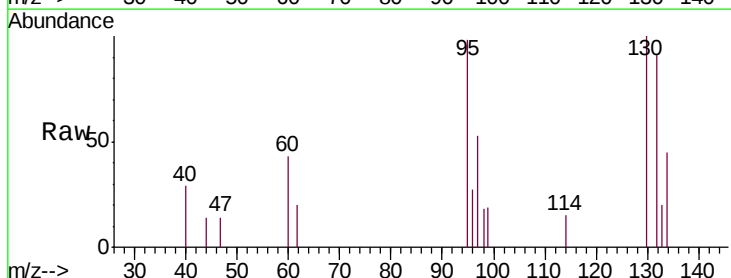
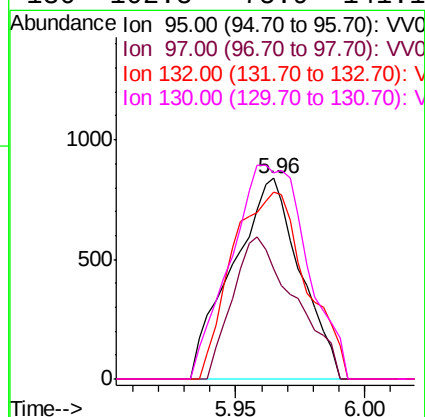
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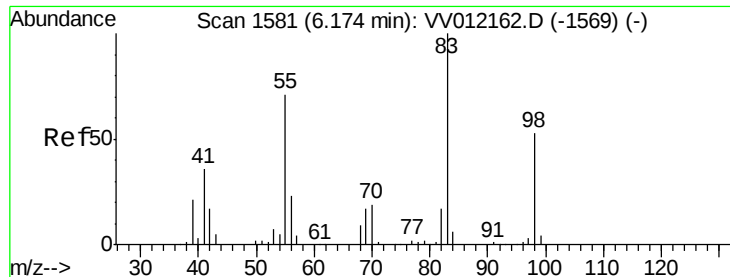
Tgt Ion: 83 Resp: 3901
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9



#34
Trichloroethene
Concen: 1.015 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV012173.D
Acq: 10 Aug 2019 01:16

Tgt Ion: 95 Resp: 1532
Ion Ratio Lower Upper
95 100
97 54.8 44.7 83.1
132 93.3 72.7 134.9
130 102.5 75.9 141.1

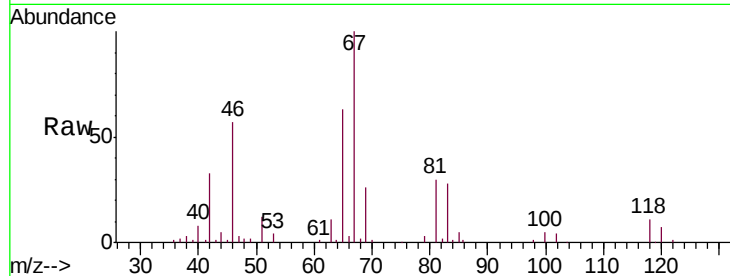




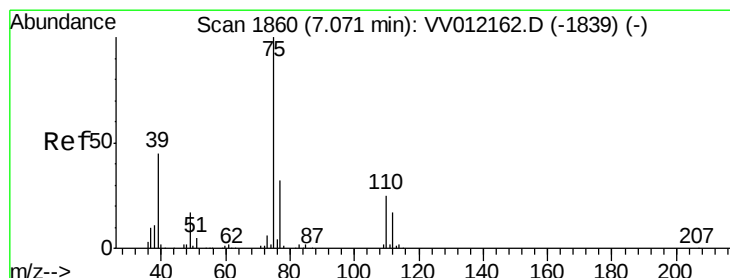
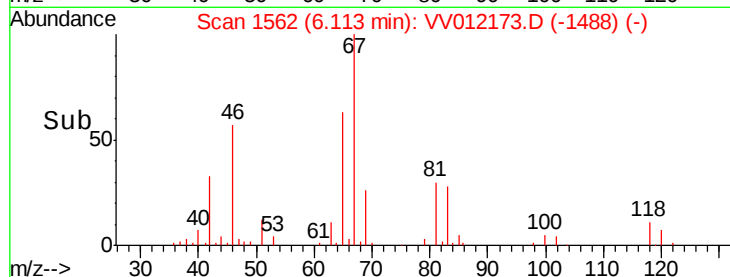
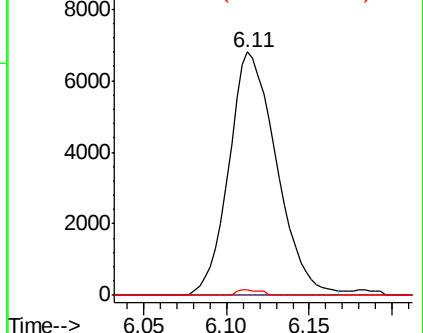
#35
Methylcyclohexane
Concen: 5.781 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012173.D
Acq: 10 Aug 2019 01:16

Instrument :
MSVOA_V
ClientSampleId :
F2B47

Tgt Ion: 83 Resp: 13589
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.9 40.7 61.1#

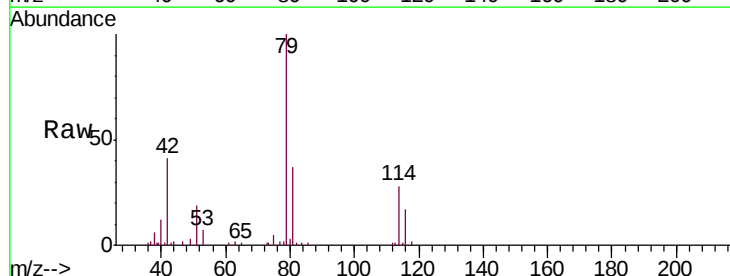


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

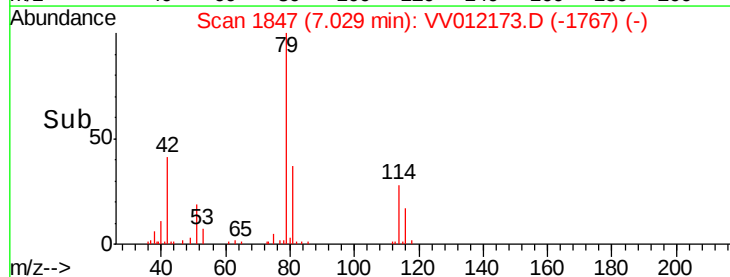
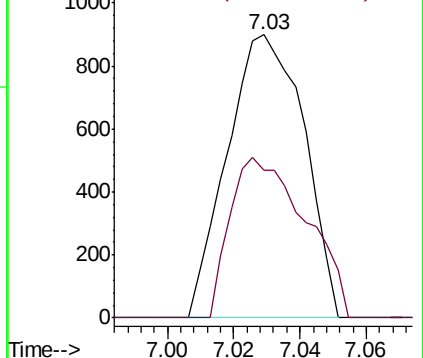


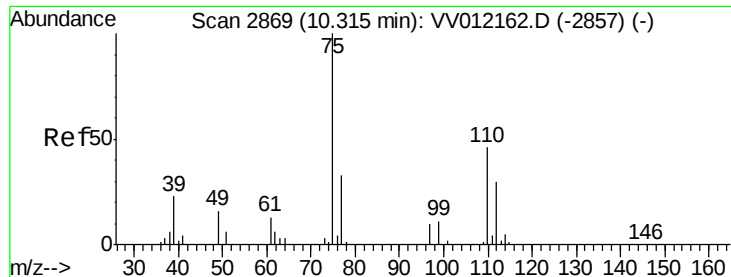
#39
cis-1,3-Dichloropropene
Concen: 0.631 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012173.D
Acq: 10 Aug 2019 01:16

Tgt Ion: 75 Resp: 1448
Ion Ratio Lower Upper
75 100
77 52.3 21.7 40.3#



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





#59
 1,2,3-Trichloropropane
 Concen: 4.353 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012173.D
 Acq: 10 Aug 2019 01:16

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B47

Tgt Ion: 75 Resp: 7812
 Ion Ratio Lower Upper
 75 100
 77 41.7 26.3 39.5#

