

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080919\
 Data File : VV012150.D
 Acq On : 09 Aug 2019 13:03
 Operator : SY/MD
 Sample : K4184-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA1

Quant Time: Aug 10 02:32:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 10 02:29:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	120805	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	111957	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60252	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28106	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.58	69	21261	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.13	63	42521	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	3.94	46	71988	54.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.50%
24) Chloroform-d	4.40	84	80494	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.08	65	41656	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.10	84	154833	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.12	67	40664	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.36	98	149909	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	7.66	79	19083	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.13	63	62771	51.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31410	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	64923	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

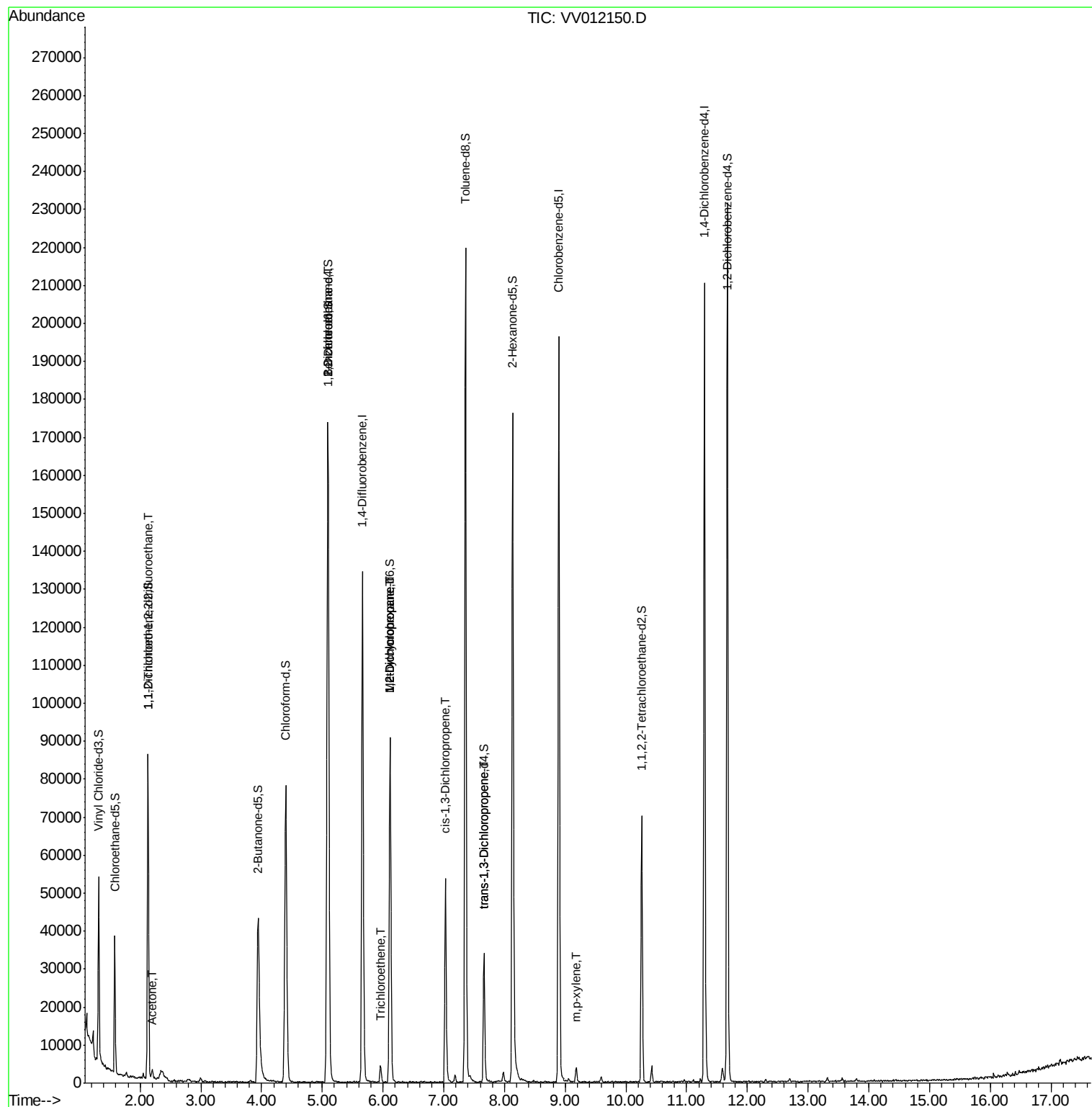
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	450	0.086	ug/L #	12
13) Acetone	2.20	43	2553	3.270	ug/L	94
27) 1,2-Dichloroethane	5.09	62	937	0.104	ug/L #	77
34) Trichloroethene	5.96	95	1647	0.203	ug/L #	78
35) Methylcyclohexane	6.12	83	10920	0.866	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	5182	0.874	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1375	0.128	ug/L #	58
44) trans-1,3-Dichloropropene	7.66	75	780	0.090	ug/L #	43
53) m,p-xylene	9.18	106	1475	0.105	ug/L	83

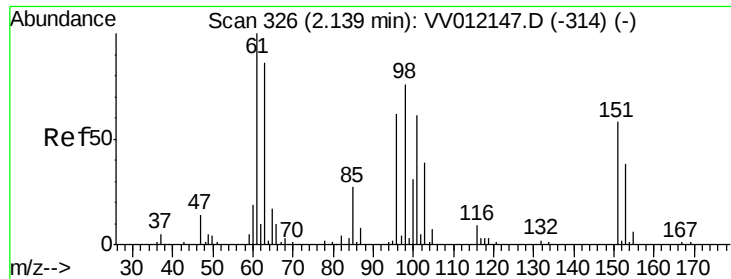
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 02:29:42 2019
Response via : Initial Calibration





#10

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

Concen: 0.086 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012150.D

Acq: 09 Aug 2019 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0AA1

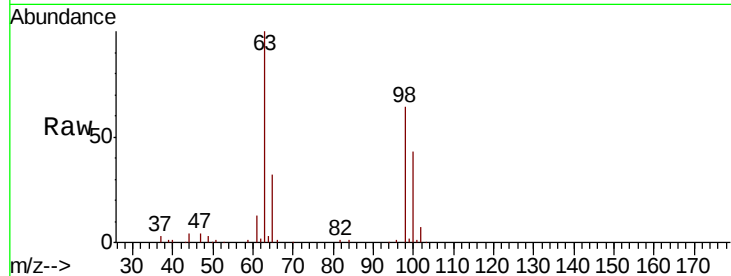
Tgt Ion: 101 Resp: 450

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

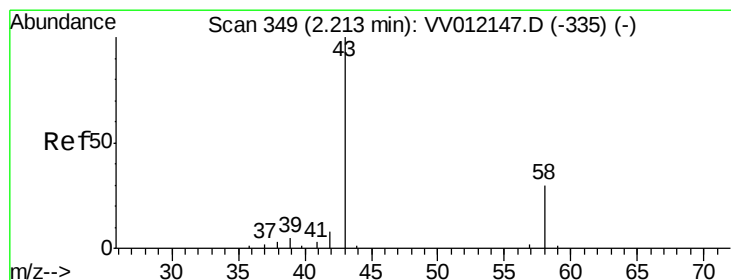
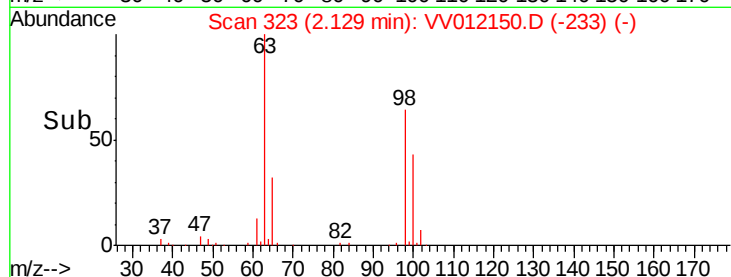
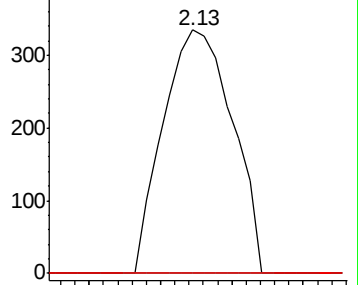
151 0.0 75.0 112.6#



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: 3.270 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV012150.D

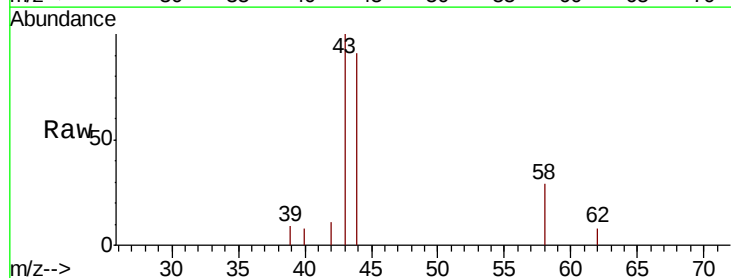
Acq: 09 Aug 2019 13:03

Tgt Ion: 43 Resp: 2553

Ion Ratio Lower Upper

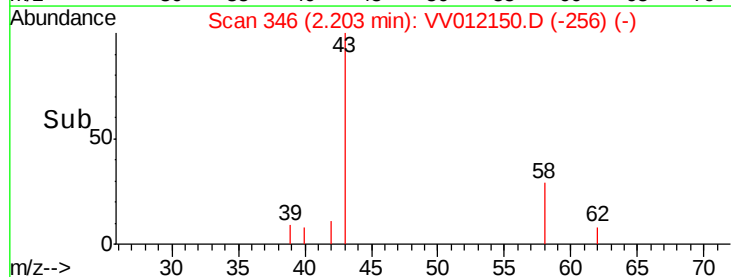
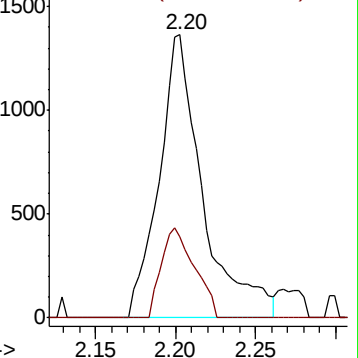
43 100

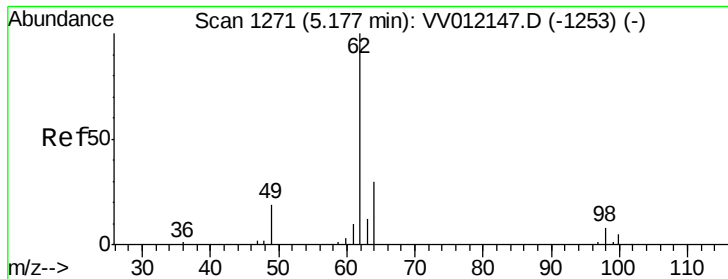
58 24.0 0.0 54.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.09 min Scan# 1243

Delta R.T. -0.09 min

Lab File: VV012150.D

Acq: 09 Aug 2019 13:03

Instrument :

MSVOA_V

ClientSampled :

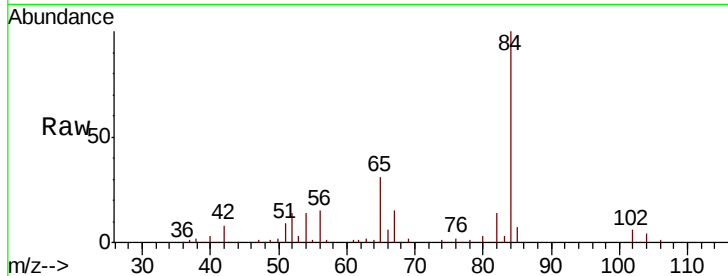
C0AA1

Tgt Ion: 62 Resp: 937

Ion Ratio Lower Upper

62 100

98 0.0 6.4 9.6#



Abundance Ion 62.00 (61.70 to 62.70): VV012147.D (-1253) (-)

Ion 98.05 (97.75 to 98.75): VV012147.D (-1253) (-)

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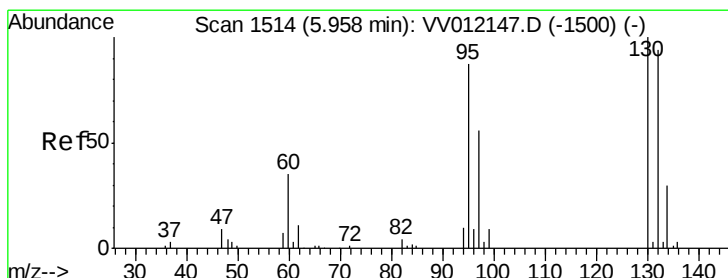
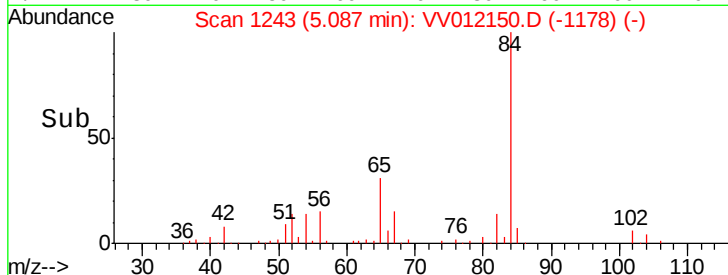
5.05 5.10

5.05 5.10

5.05 5.10

5.05 5.10

5.05 5.10



#34

Trichloroethene

Concen: 0.203 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012150.D

Acq: 09 Aug 2019 13:03

Tgt Ion: 95 Resp: 1647

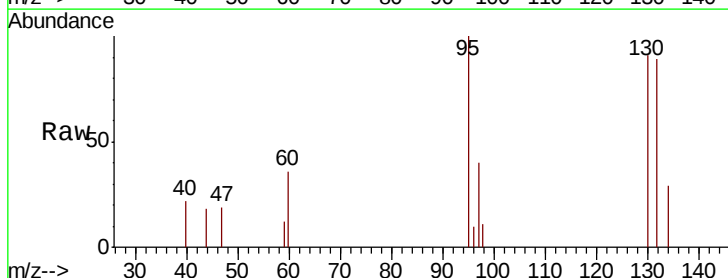
Ion Ratio Lower Upper

95 100

97 39.8 44.6 82.8#

132 89.1 75.9 141.1

130 91.3 80.2 148.9



Abundance Ion 95.00 (94.70 to 95.70): VV012147.D (-1500) (-)

Ion 96.95 (96.65 to 97.65): VV012147.D (-1500) (-)

Ion 131.95 (131.65 to 132.65): VV012147.D (-1500) (-)

Ion 129.95 (129.65 to 130.65): VV012147.D (-1500) (-)

5.96

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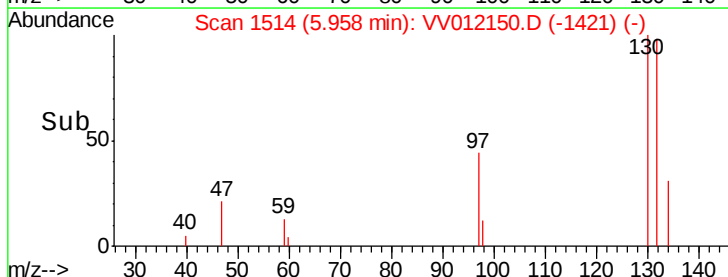
5.90 5.95 6.00

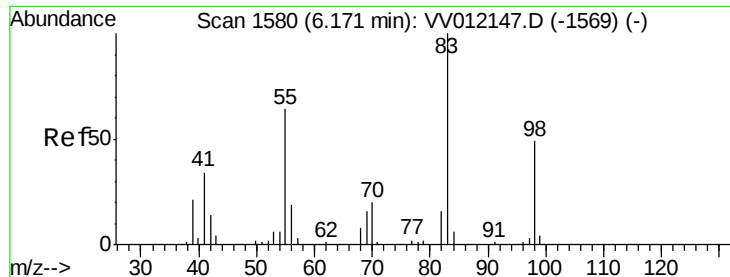
5.90 5.95 6.00

5.90 5.95 6.00

5.90 5.95 6.00

5.90 5.95 6.00

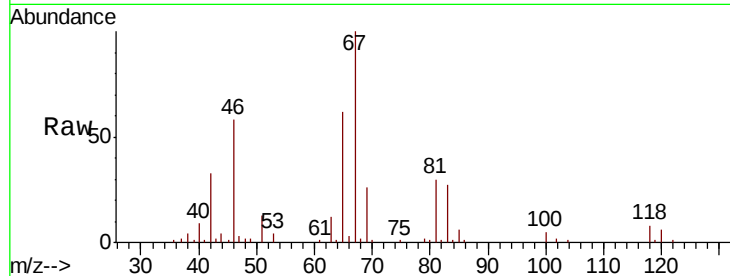




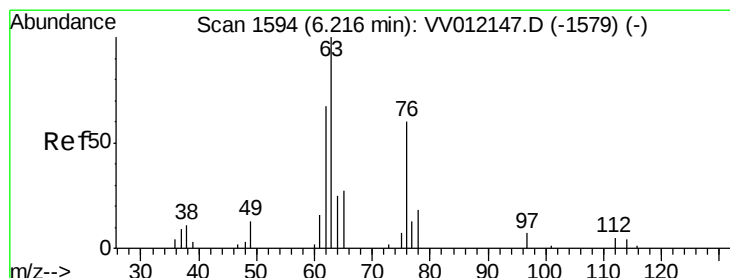
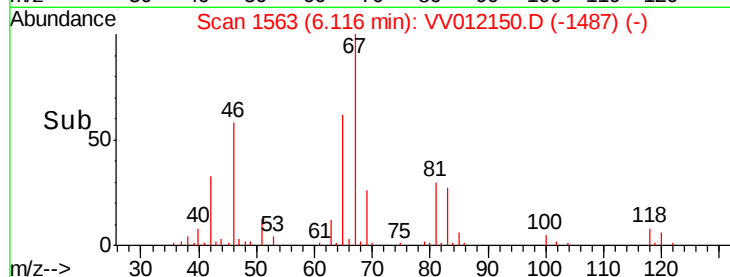
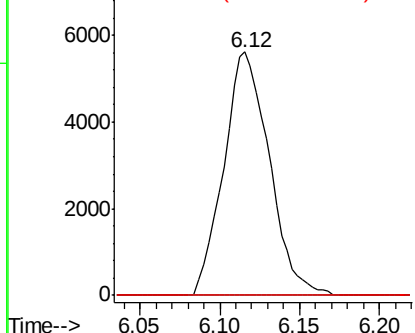
#35
Methylcyclohexane
Concen: 0.866 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012150.D
Acq: 09 Aug 2019 13:03

Instrument :
MSVOA_V
ClientSampleId :
C0AA1

Tgt Ion: 83 Resp: 10920
Ion Ratio Lower Upper
83 100
55 0.0 55.0 82.6#
98 0.2 40.4 60.6#

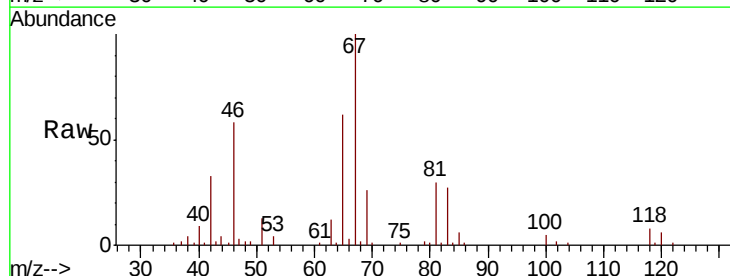


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

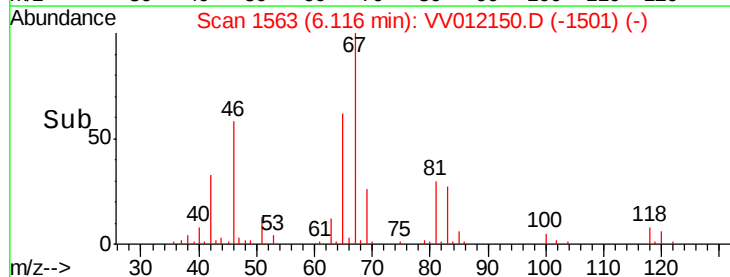
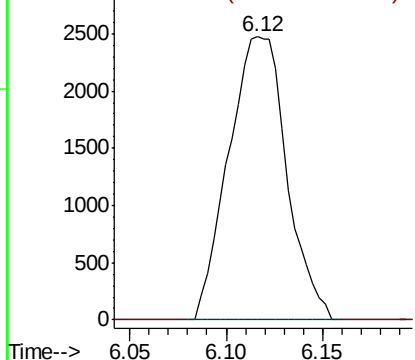


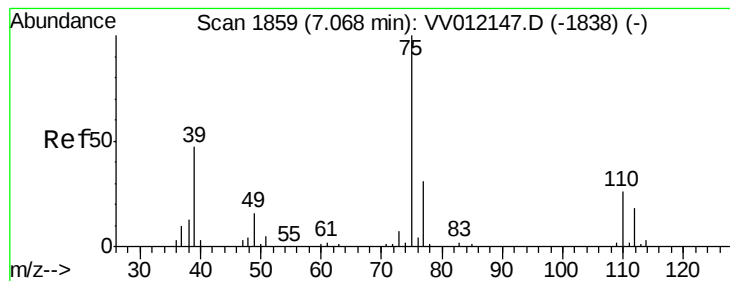
#37
1,2-Dichloropropane
Concen: 0.874 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012150.D
Acq: 09 Aug 2019 13:03

Tgt Ion: 63 Resp: 5182
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



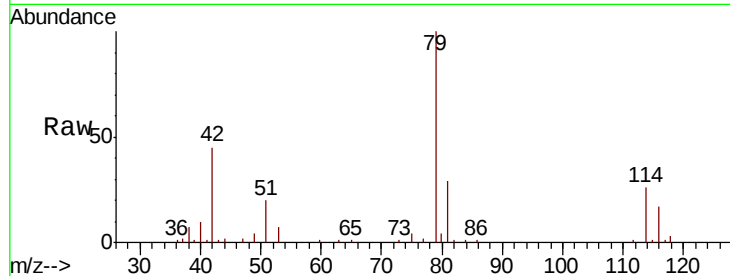


#39

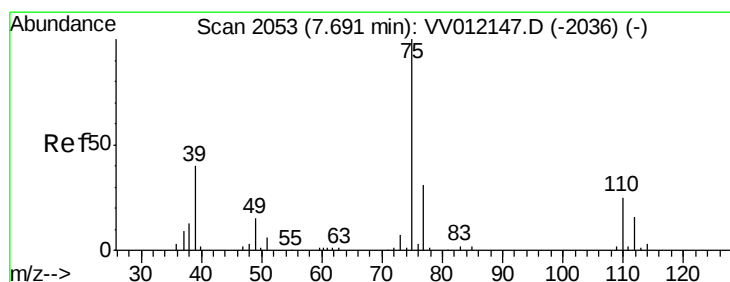
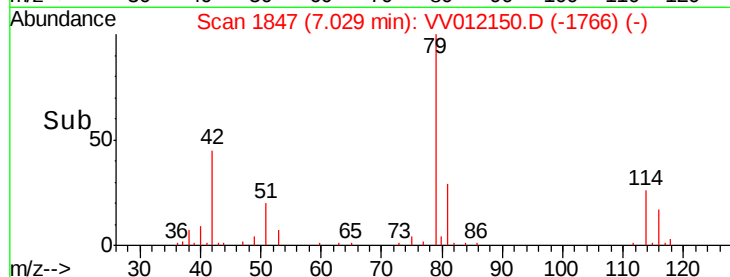
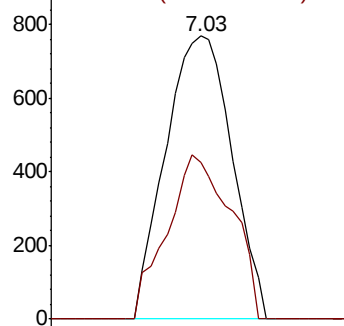
cis-1,3-Dichloropropene
Concen: 0.128 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012150.D
Acq: 09 Aug 2019 13:03

Instrument :
MSVOA_V
ClientSampleId :
C0AA1

Tgt Ion: 75 Resp: 1375
Ion Ratio Lower Upper
75 100
77 55.6 22.5 41.7#



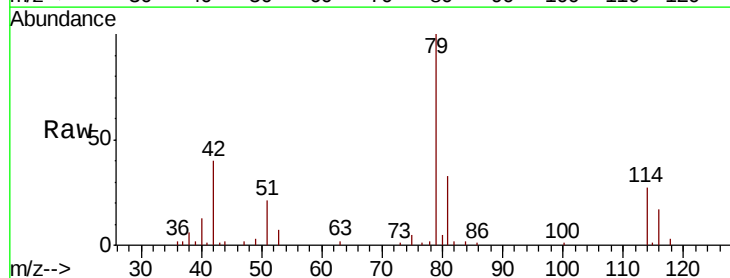
Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



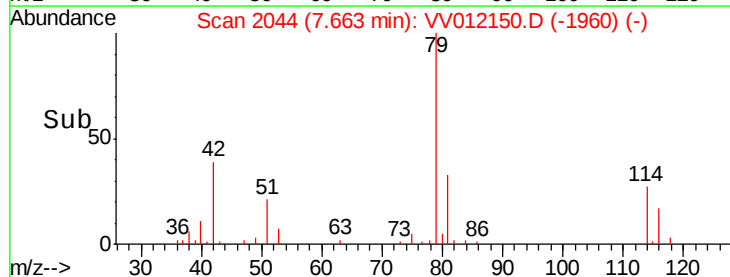
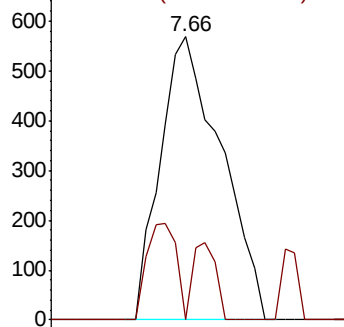
#44

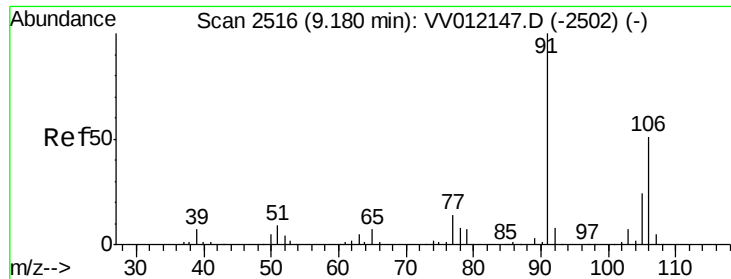
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012150.D
Acq: 09 Aug 2019 13:03

Tgt Ion: 75 Resp: 780
Ion Ratio Lower Upper
75 100
77 0.0 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#53

m,p-xylene

Concen: 0.105 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012150.D

Acq: 09 Aug 2019 13:03

Instrument :
MSVOA_V
ClientSampleId :
C0AA1

Tgt Ion:106 Resp: 1475

Ion Ratio Lower Upper

106 100

91 176.5 142.2 264.0

