

Data File : VV010590.D
Acq On : 30 Apr 2019 22:31
Operator : SY/MD
Sample : K2590-18DL 25X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XC5DL

Quant Time: May 01 08:18:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	176710	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180346	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73005	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54418	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.58	69	26459	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.13	63	80621	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.95	46	150055	66.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.98%#
24) Chloroform-d	4.40	84	123417	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.80%
26) 1,2-Dichloroethane-d4	5.08	65	64157	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.20%
32) Benzene-d6	5.10	84	246233	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.40%
36) 1,2-Dichloropropane-d6	6.12	67	74228	6.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.80%
41) Toluene-d8	7.36	98	211464	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.67	79	25457	5.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.80%
46) 2-Hexanone-d5	8.14	63	126903	67.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.88%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54500	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	76306	6.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.40%#

Target Compounds

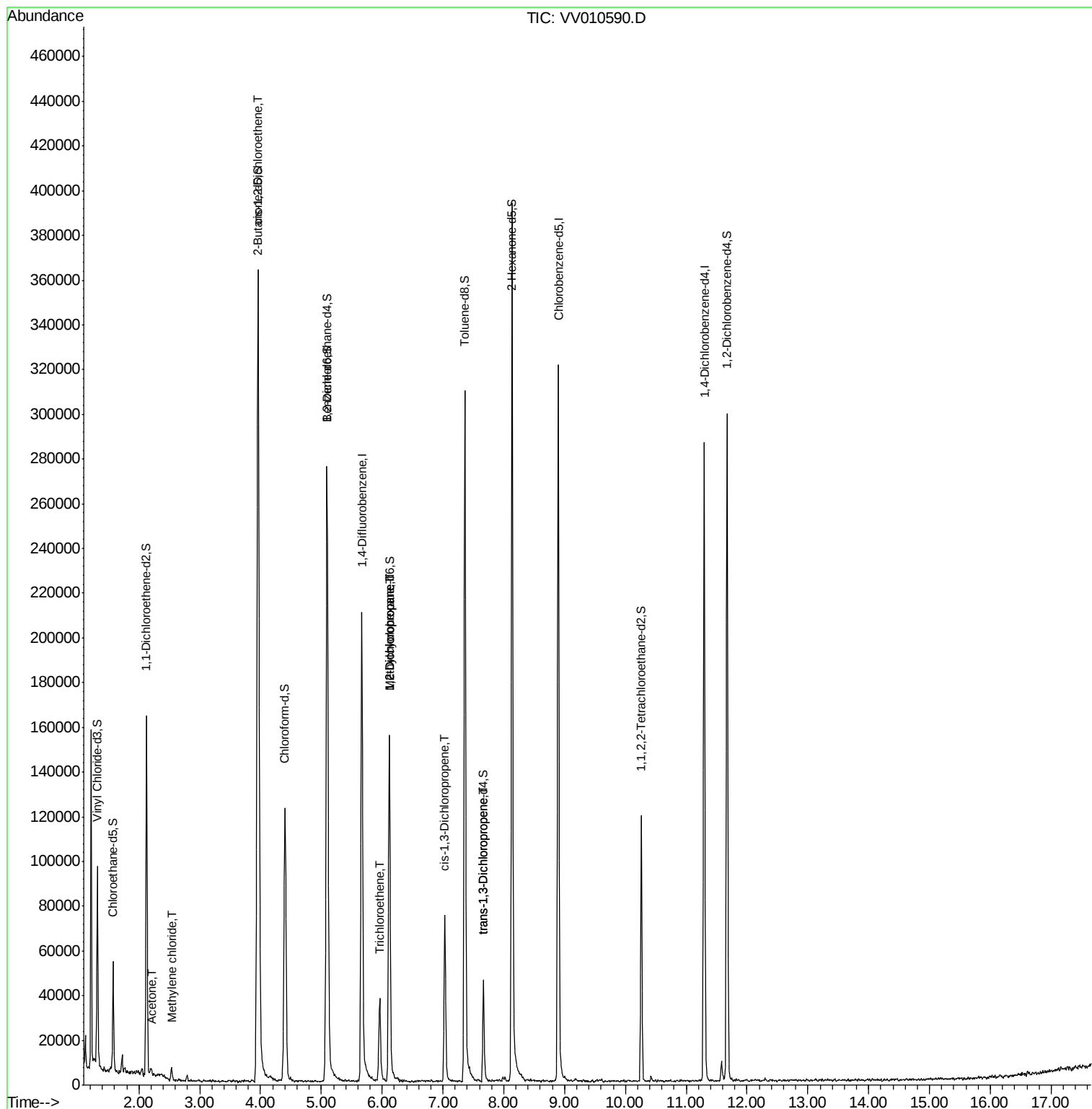
					Qvalue
13) Acetone	2.20	43	2648	1.912 ug/L	93
16) Methylene chloride	2.53	84	2176	0.166 ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	163844	13.042 ug/L	98
34) Trichloroethene	5.96	95	11870	0.876 ug/L	93
35) Methylcyclohexane	6.12	83	17577	0.932 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9264	0.800 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2415	0.149 ug/L #	70
44) trans-1,3-Dichloropropene	7.66	75	1055	0.086 ug/L #	80

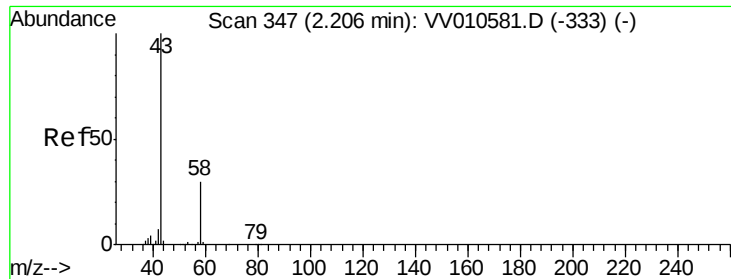
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.912 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

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Acq: 30 Apr 2019 22:31

Instrument :

MSVOA_V

ClientSampleId :

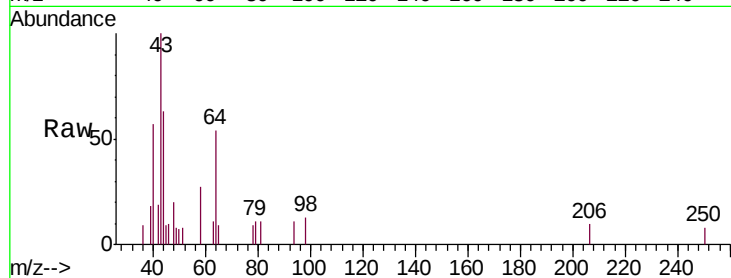
C0XC5DL

Tgt Ion: 43 Resp: 2648

Ion Ratio Lower Upper

43 100

58 26.2 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV010581.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV010581.D (-333) (-)

2.20

1500

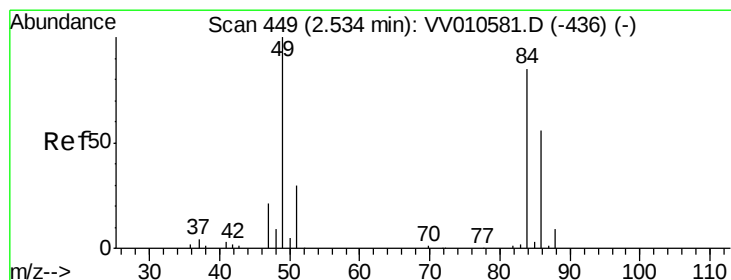
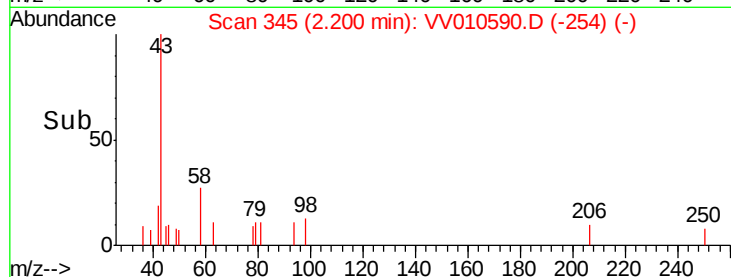
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 0.166 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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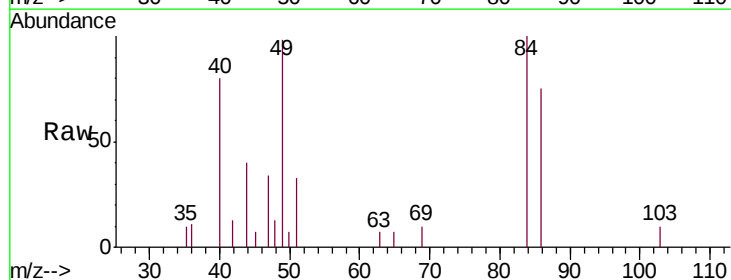
Tgt Ion: 84 Resp: 2176

Ion Ratio Lower Upper

84 100

86 75.1 43.3 80.3

49 105.5 80.9 150.3



Abundance Ion 84.05 (83.75 to 84.75): VV010581.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010581.D (-436) (-)

Ion 49.10 (48.80 to 49.80): VV010581.D (-436) (-)

2.53

2000

1500

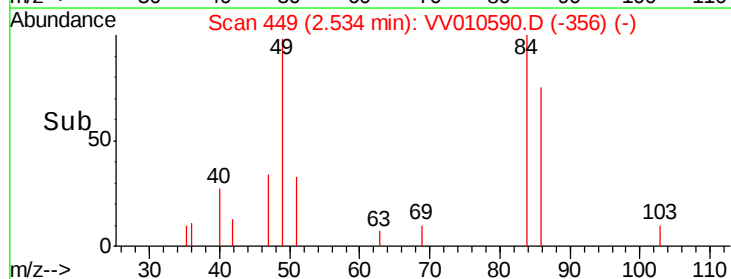
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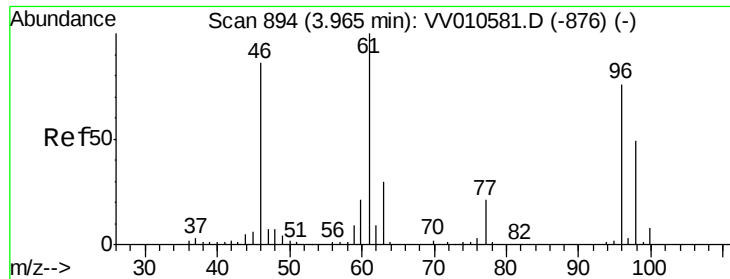
500

0

2.50 2.53 2.55

Time-->



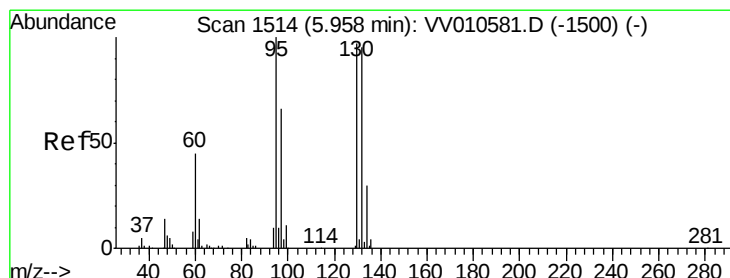
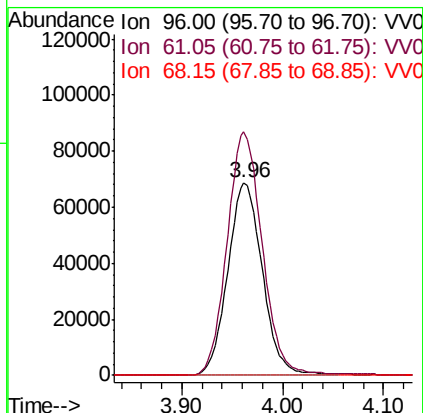
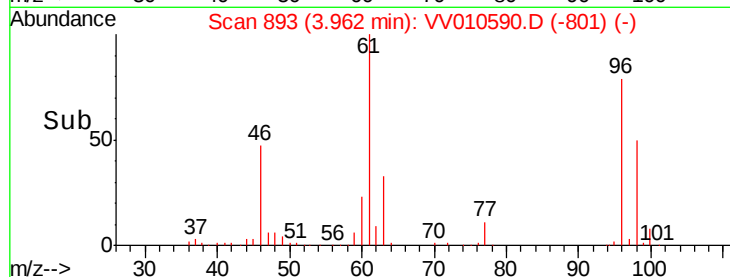
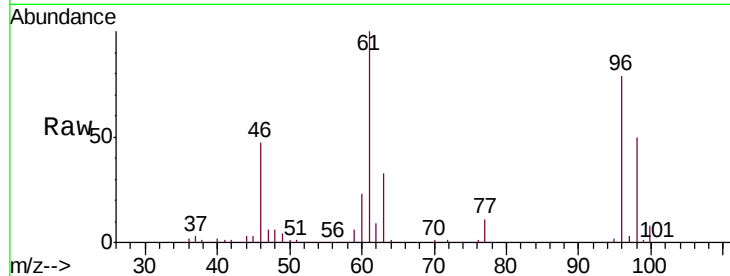


#22

cis-1,2-Dichloroethene
Concen: 13.042 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV010590.D
Acq: 30 Apr 2019 22:31

Instrument :
MSVOA_V
ClientSampleId :
C0XC5DL

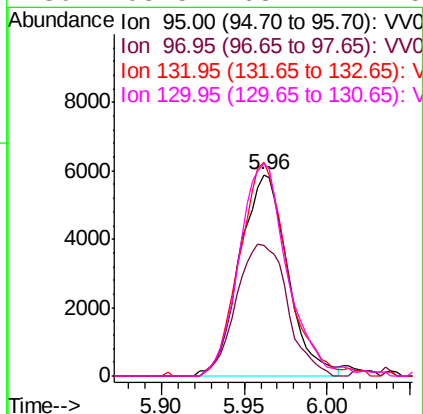
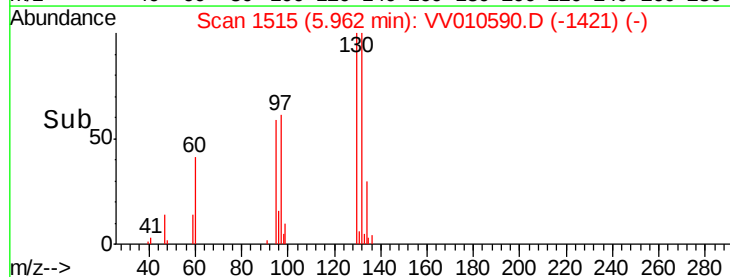
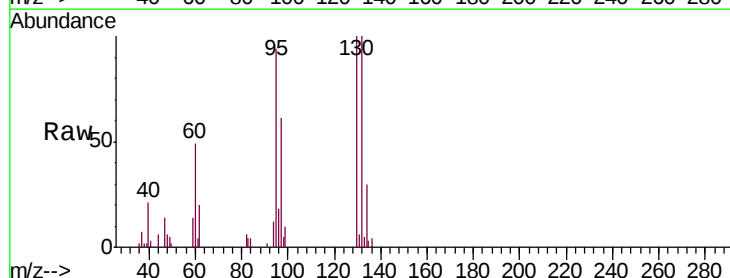
Tgt Ion: 96 Resp: 163844
Ion Ratio Lower Upper
96 100
61 126.2 90.0 167.2
68 0.0 0.0 0.0

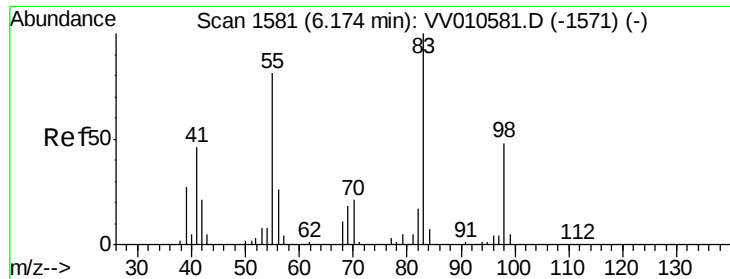


#34

Trichloroethene
Concen: 0.876 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010590.D
Acq: 30 Apr 2019 22:31

Tgt Ion: 95 Resp: 11870
Ion Ratio Lower Upper
95 100
97 65.0 44.3 82.3
132 106.0 67.1 124.7
130 105.5 68.7 127.5

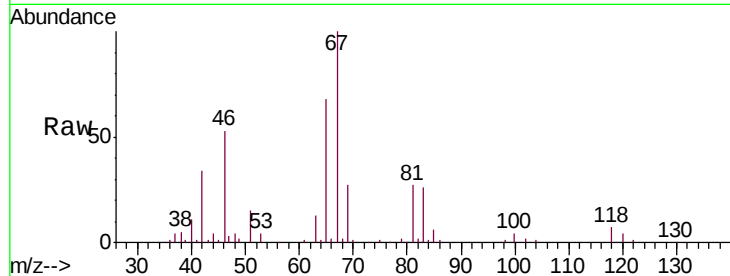




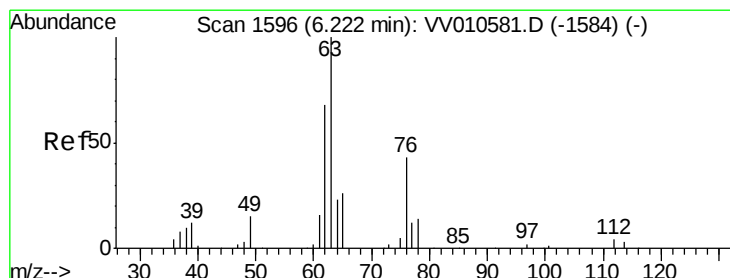
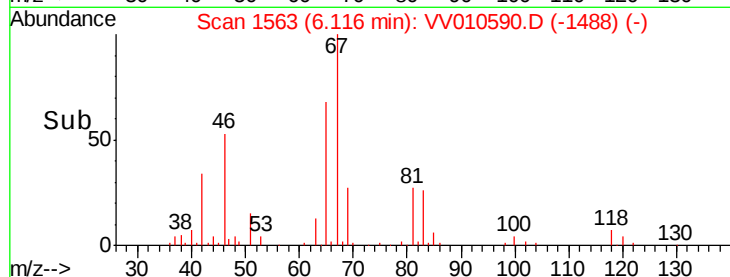
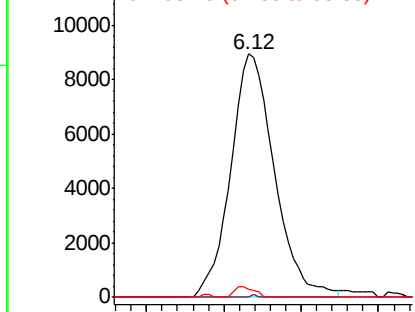
#35
Methylcyclohexane
Concen: 0.932 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010590.D
Acq: 30 Apr 2019 22:31

Instrument :
MSVOA_V
ClientSampleId :
C0XC5DL

Tgt Ion: 83 Resp: 17577
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 2.0 38.8 58.2#

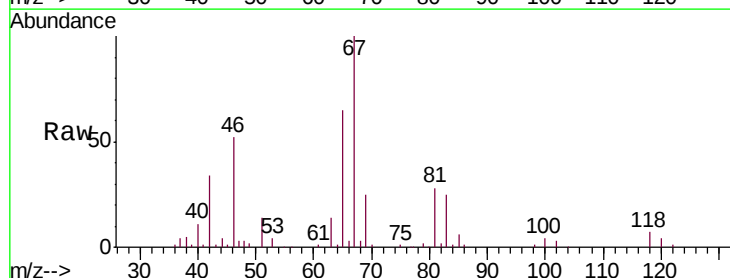


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

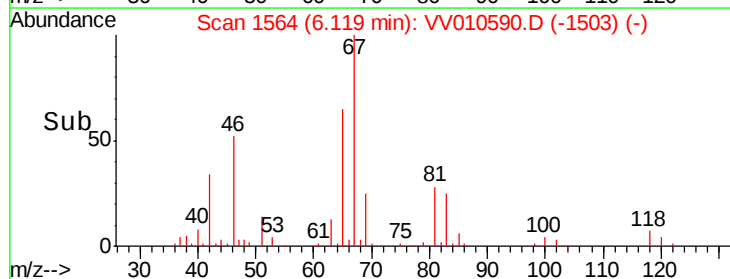
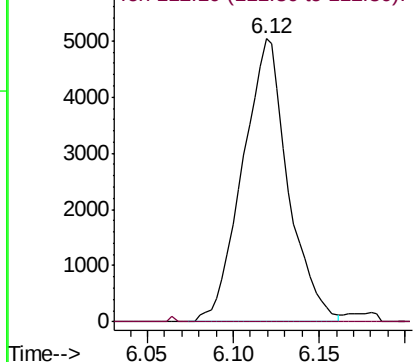


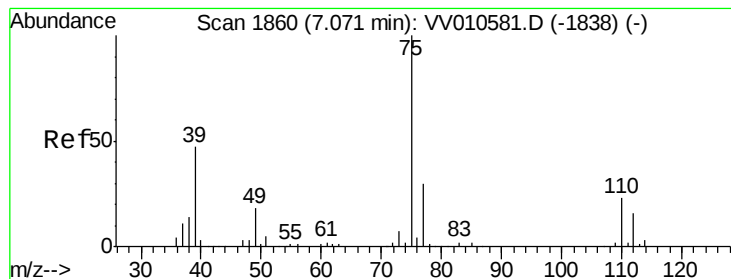
#37
1,2-Dichloropropane
Concen: 0.800 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010590.D
Acq: 30 Apr 2019 22:31

Tgt Ion: 63 Resp: 9264
Ion Ratio Lower Upper
63 100
112 0.2 3.6 5.4#



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



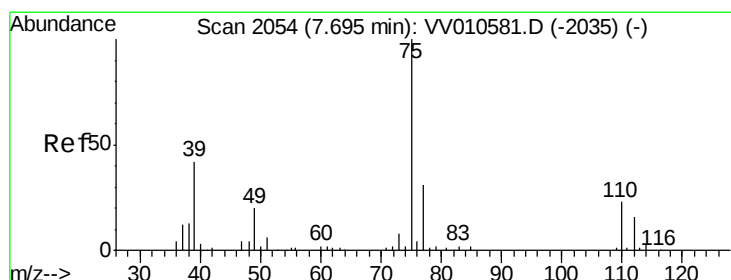
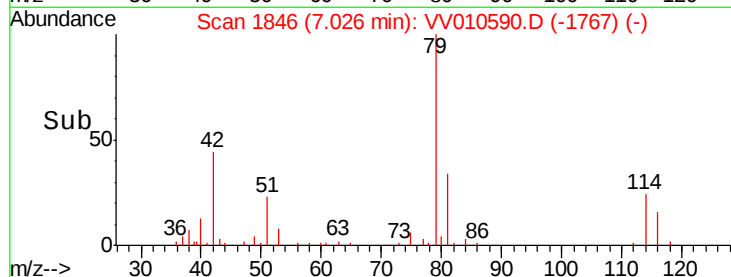
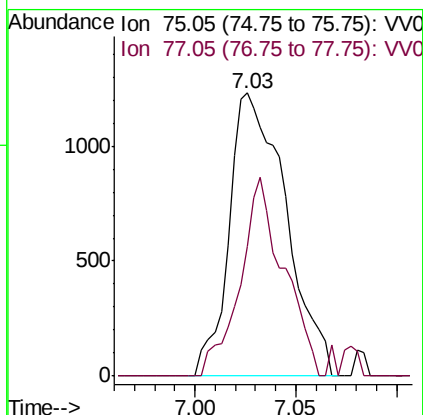
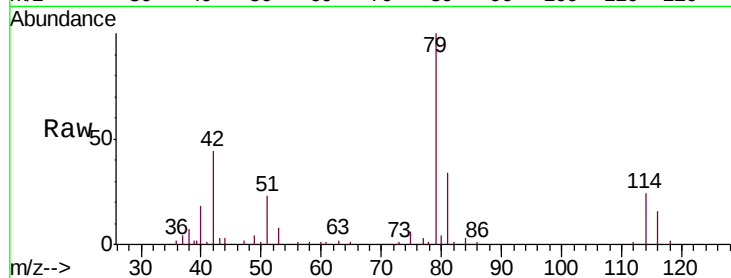


#39

cis-1,3-Dichloropropene
 Concen: 0.149 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV010590.D
 Acq: 30 Apr 2019 22:31

Instrument :
 MSVOA_V
 ClientSampled :
 C0XC5DL

Tgt Ion: 75 Resp: 2415
 Ion Ratio Lower Upper
 75 100
 77 45.8 20.9 38.7#



#44

trans-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV010590.D
 Acq: 30 Apr 2019 22:31

Tgt Ion: 75 Resp: 1055
 Ion Ratio Lower Upper
 75 100
 77 44.2 23.0 42.8#

