

Data File : VV010591.D
Acq On : 30 Apr 2019 22:57
Operator : SY/MD
Sample : K2590-02DL 2000X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X80DL

Quant Time: May 01 08:18:35 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	171406	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	175565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70342	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49569	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.57	69	37173	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.13	63	75146	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	3.94	46	140944	64.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.72%
24) Chloroform-d	4.40	84	114507	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.08	65	59152	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.10	84	217536	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.12	67	69951	5.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.00%
41) Toluene-d8	7.36	98	200371	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.67	79	23282	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.13	63	120656	65.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.74%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50681	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	68296	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

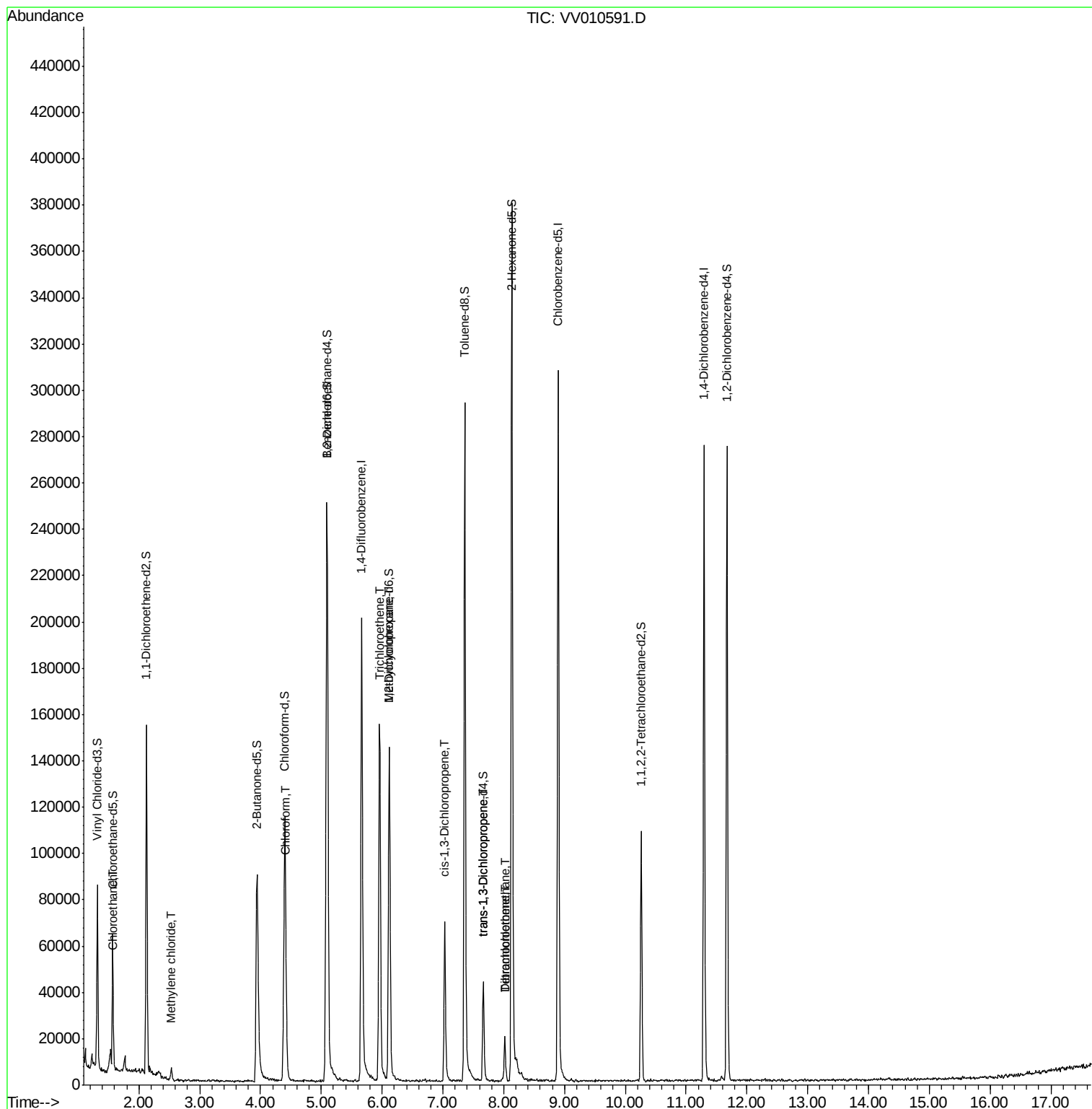
					Qvalue
8) Chloroethane	1.59	64	874	0.127 ug/L	88
16) Methylene chloride	2.53	84	2010	0.158 ug/L	83
25) Chloroform	4.42	83	4384	0.200 ug/L	79
34) Trichloroethene	5.96	95	55897	4.237 ug/L	97
35) Methylcyclohexane	6.12	83	16509	0.899 ug/L #	19
39) cis-1,3-Dichloropropene	7.03	75	1904	0.121 ug/L #	35
44) trans-1,3-Dichloropropene	7.67	75	1169	0.098 ug/L #	66
47) Tetrachloroethene	8.02	164	4300	0.427 ug/L	82
49) Dibromochloromethane	8.02	129	3772	0.405 ug/L #	8

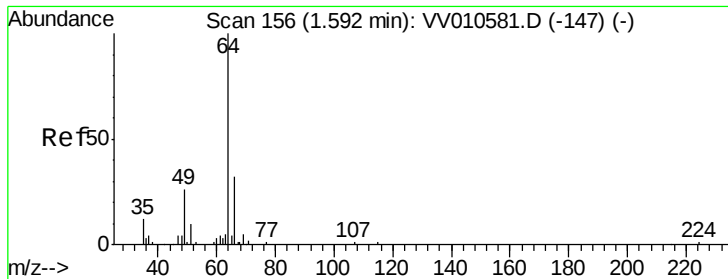
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 01 08:14:23 2019
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#8

Chloroethane

Concen: 0.127 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.00 min

Lab File: VV010591.D

Acq: 30 Apr 2019 22:57

Instrument :

MSVOA_V

ClientSampled :

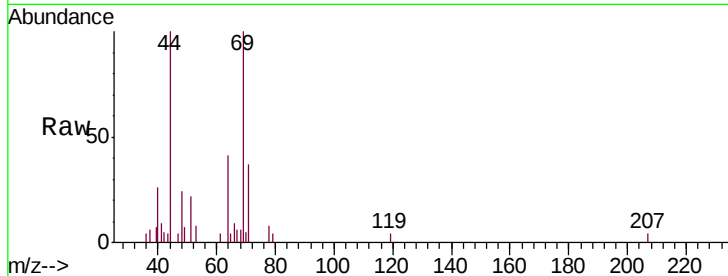
C0X80DL

Tgt Ion: 64 Resp: 874

Ion Ratio Lower Upper

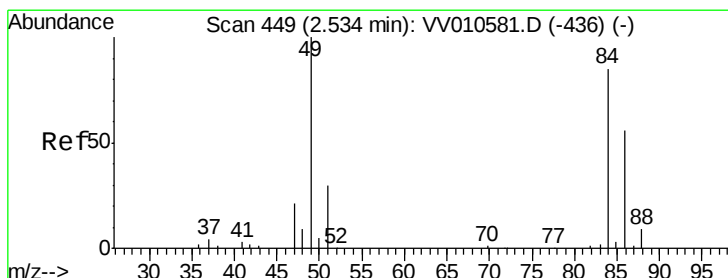
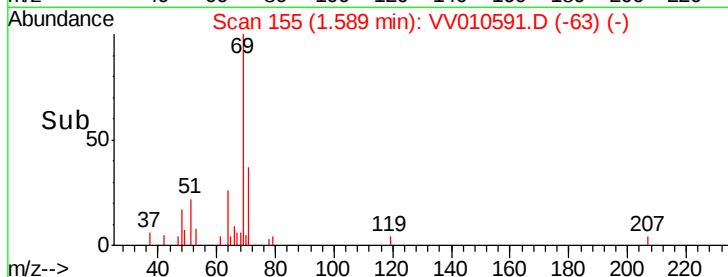
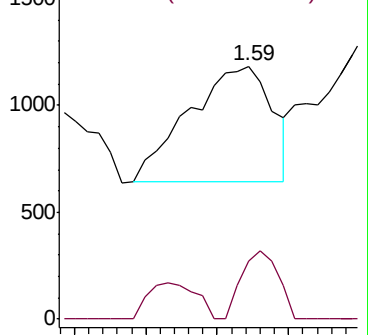
64 100

66 22.8 20.3 37.7



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#16

Methylene chloride

Concen: 0.158 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010591.D

Acq: 30 Apr 2019 22:57

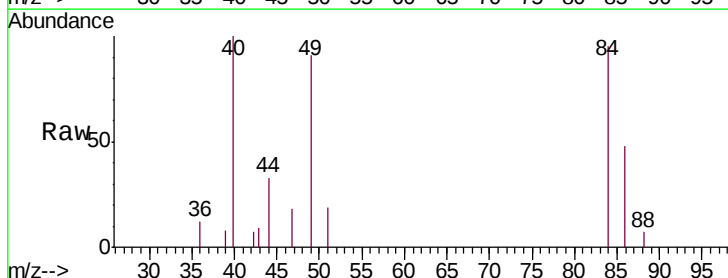
Tgt Ion: 84 Resp: 2010

Ion Ratio Lower Upper

84 100

86 50.9 43.3 80.3

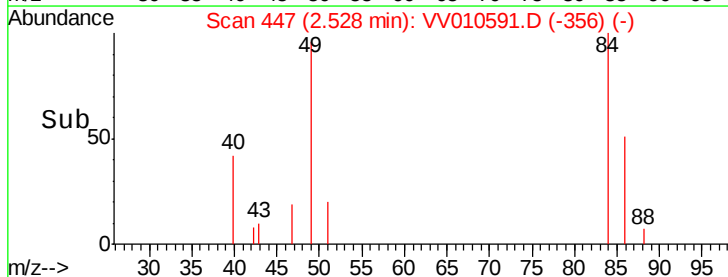
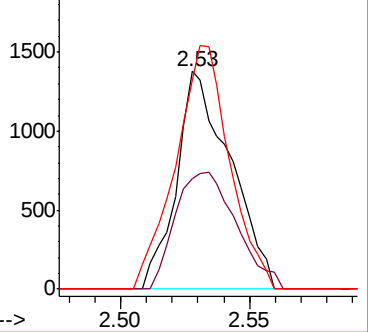
49 96.2 80.9 150.3

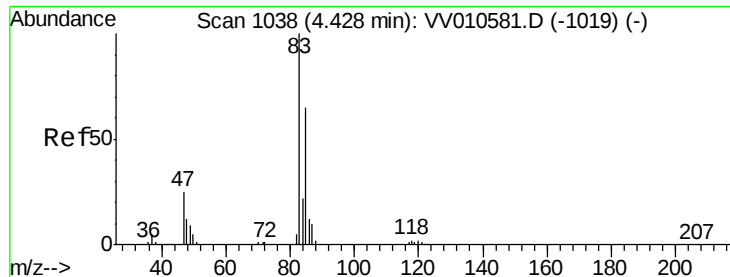


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.200 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

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Acq: 30 Apr 2019 22:57

Instrument :

MSVOA_V

ClientSampleId :

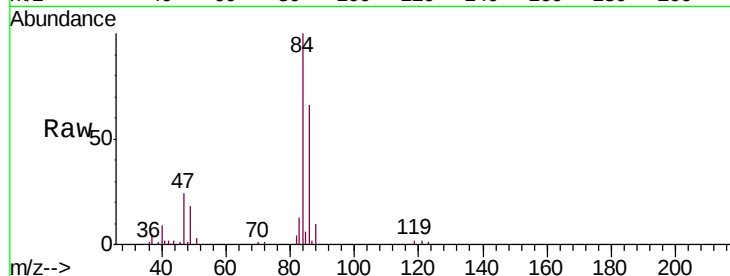
C0X80DL

Tgt Ion: 83 Resp: 4384

Ion Ratio Lower Upper

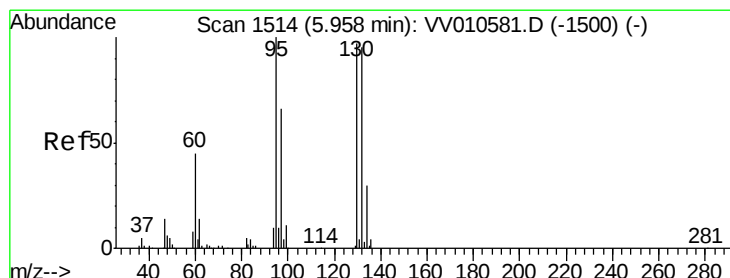
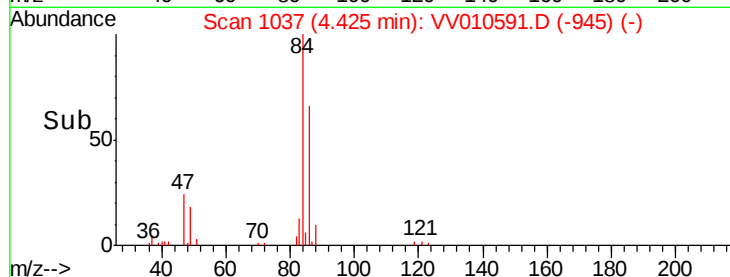
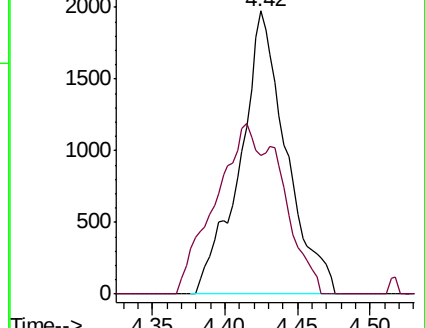
83 100

85 49.1 45.8 85.2



Abundance Ion 83.05 (82.75 to 83.75): VV010581.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010581.D (-1019) (-)



#34

Trichloroethene

Concen: 4.237 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010591.D

Acq: 30 Apr 2019 22:57

Tgt Ion: 95 Resp: 55897

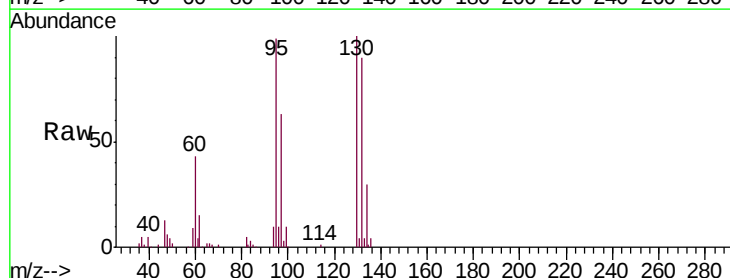
Ion Ratio Lower Upper

95 100

97 63.7 44.3 82.3

132 90.6 67.1 124.7

130 100.9 68.7 127.5

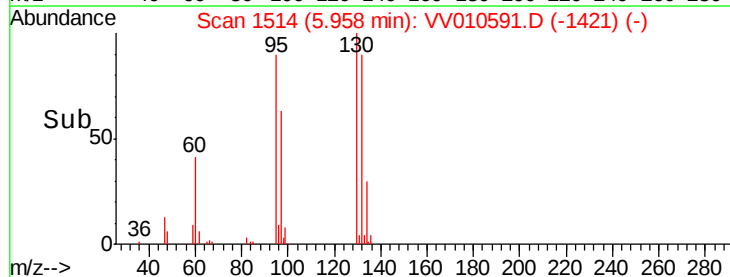
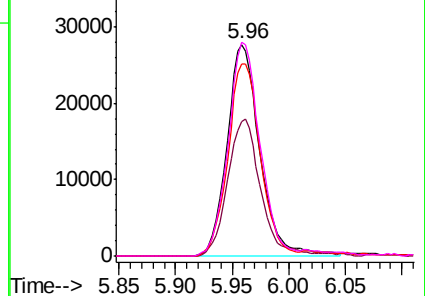


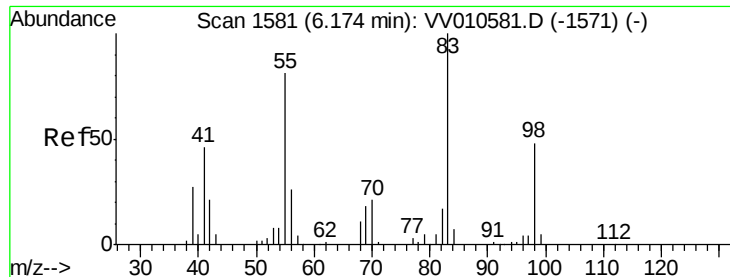
Abundance Ion 95.00 (94.70 to 95.70): VV010581.D (-1500) (-)

Ion 96.95 (96.65 to 97.65): VV010581.D (-1500) (-)

Ion 131.95 (131.65 to 132.65): VV010581.D (-1500) (-)

Ion 129.95 (129.65 to 130.65): VV010581.D (-1500) (-)

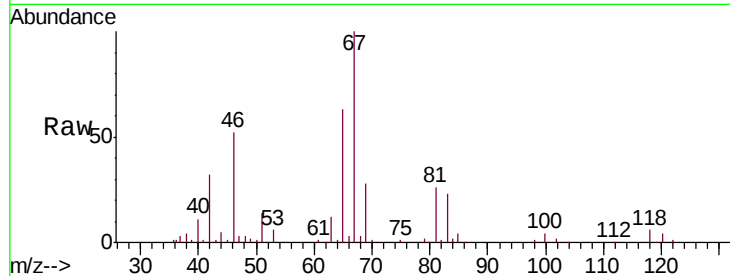




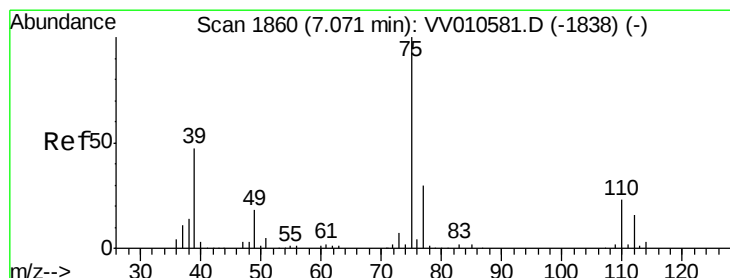
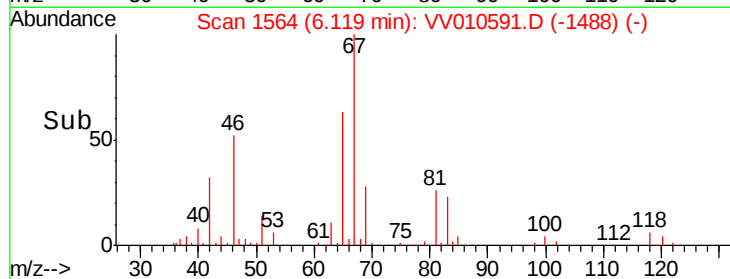
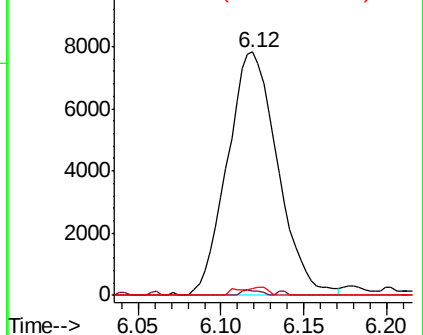
#35
Methylcyclohexane
Concen: 0.899 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010591.D
Acq: 30 Apr 2019 22:57

Instrument :
MSVOA_V
ClientSampled :
C0X80DL

Tgt Ion: 83 Resp: 16509
Ion Ratio Lower Upper
83 100
55 0.8 62.6 94.0#
98 1.2 38.8 58.2#

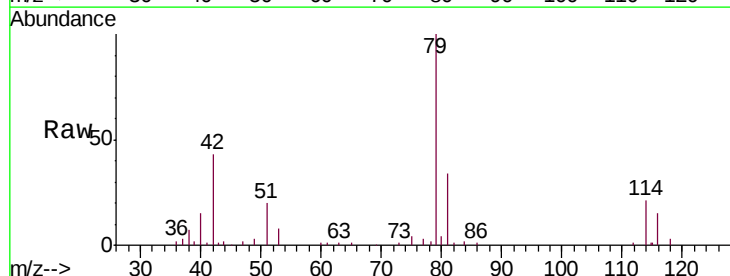


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

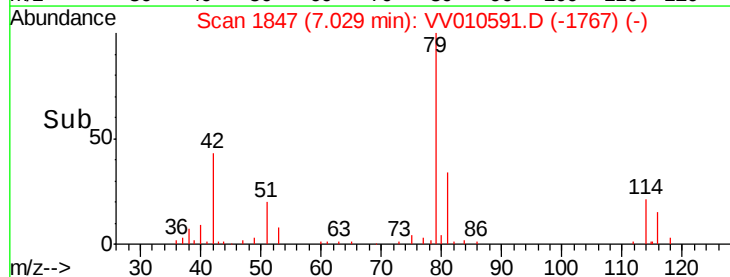
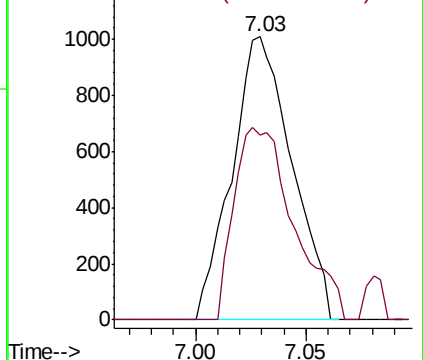


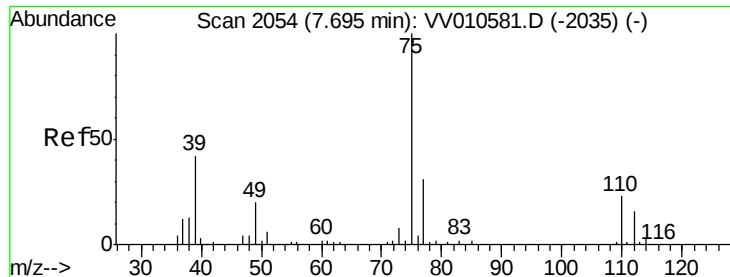
#39
cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010591.D
Acq: 30 Apr 2019 22:57

Tgt Ion: 75 Resp: 1904
Ion Ratio Lower Upper
75 100
77 65.2 20.9 38.7#



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: 0.098 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010591.D

Acq: 30 Apr 2019 22:57

Instrument :

MSVOA_V

ClientSampleId :

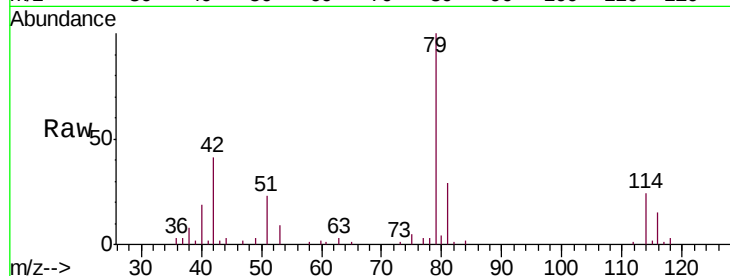
C0X80DL

Tgt Ion: 75 Resp: 1169

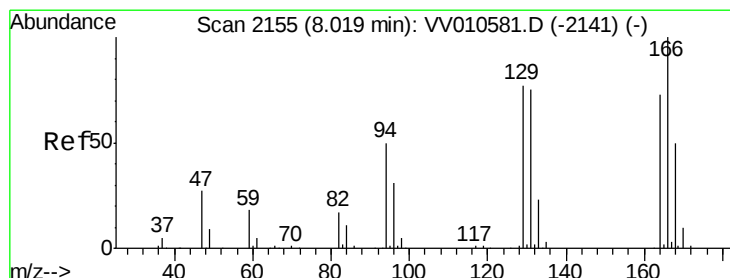
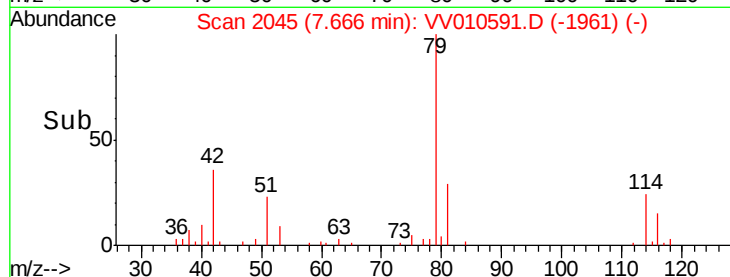
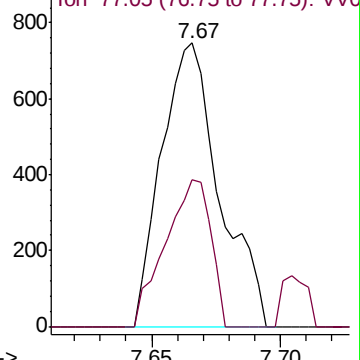
Ion Ratio Lower Upper

75 100

77 51.9 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV010581.D (-2035) (-)



#47

Tetrachloroethene

Concen: 0.427 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV010591.D

Acq: 30 Apr 2019 22:57

Tgt Ion: 164 Resp: 4300

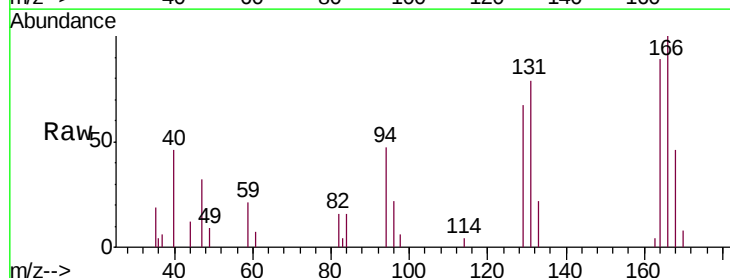
Ion Ratio Lower Upper

164 100

129 75.9 69.8 129.6

131 89.7 70.2 130.4

166 113.0 94.3 175.1

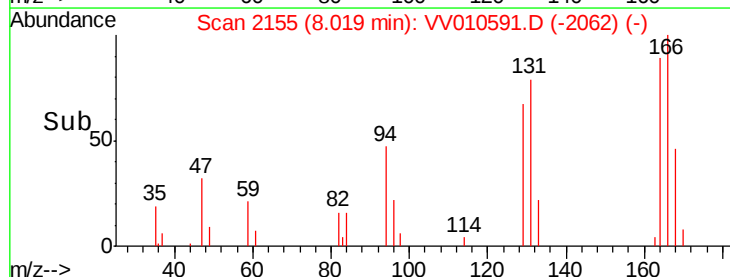
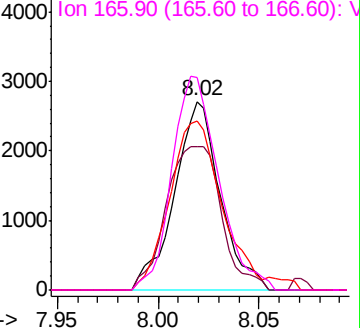


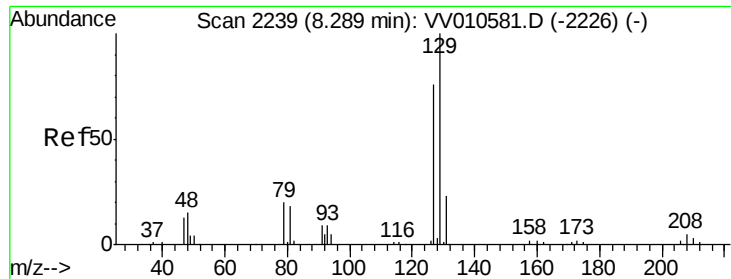
Abundance Ion 163.90 (163.60 to 164.60): VV010581.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV010581.D (-2141) (-)

Ion 130.95 (130.65 to 131.65): VV010581.D (-2141) (-)

Ion 165.90 (165.60 to 166.60): VV010581.D (-2141) (-)





#49

Dibromochloromethane

Concen: 0.405 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV010591.D

Acq: 30 Apr 2019 22:57

Instrument :

MSVOA_V

ClientSampleId :

C0X80DL

Tgt Ion:129 Resp: 3772

Ion Ratio Lower Upper

129 100

127 0.0 57.5 106.7#

