

Data File : VV010595.D
Acq On : 01 May 2019 00:38
Operator : SY/MD
Sample : K2590-02DL 200X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X80DL

Quant Time: May 01 08:19:14 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	176754	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53469	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.58	69	27806	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.13	63	79869	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	3.95	46	134044	59.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.64%
24) Chloroform-d	4.40	84	122285	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.80%
26) 1,2-Dichloroethane-d4	5.08	65	60958	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.10	84	233438	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
36) 1,2-Dichloropropane-d6	6.12	67	73096	6.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.60%
41) Toluene-d8	7.36	98	212091	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.67	79	23240	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.14	63	113622	60.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48956	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	69966	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

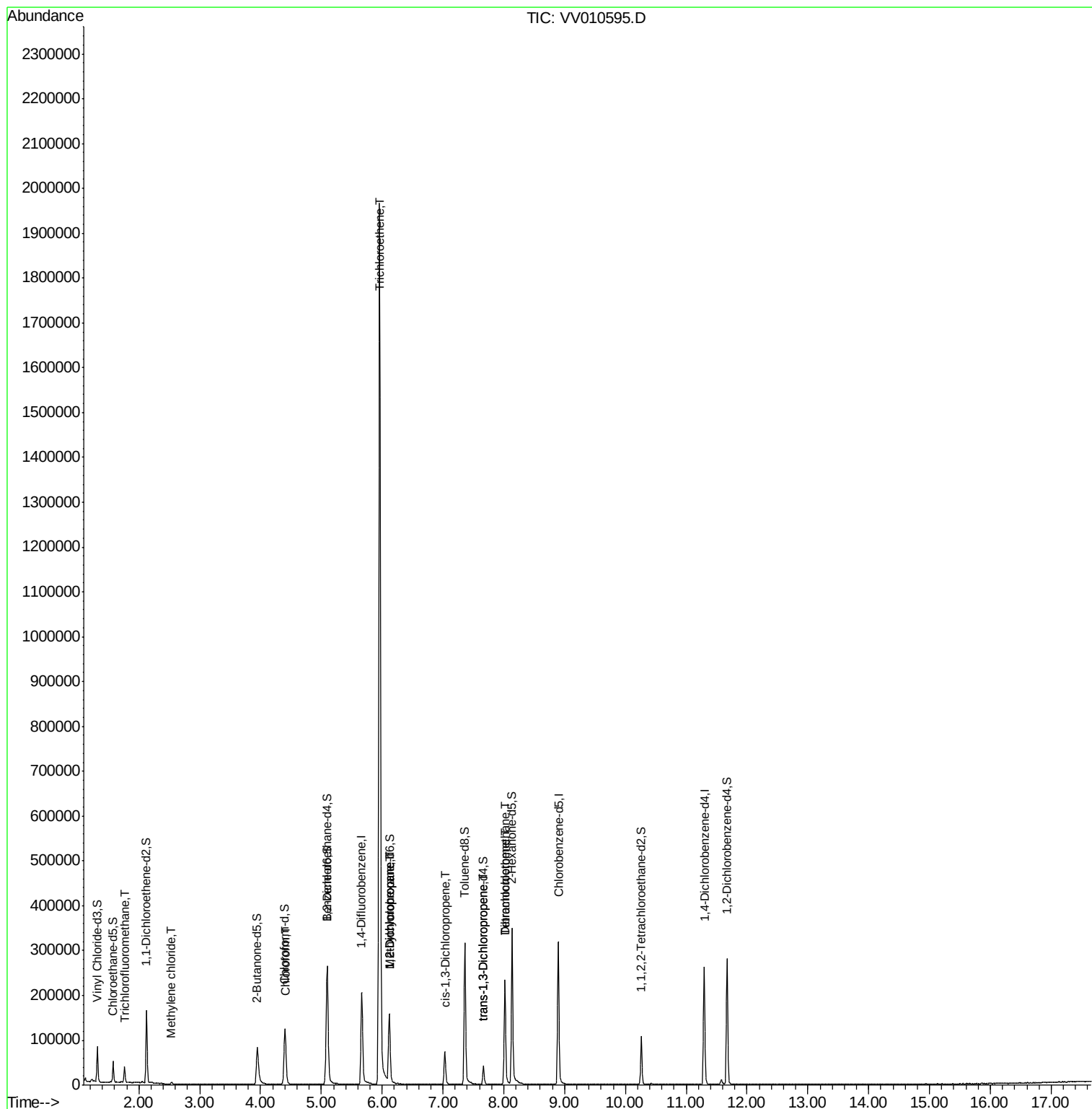
					Qvalue
9) Trichlorofluoromethane	1.76	101	18636	0.802 ug/L	97
16) Methylene chloride	2.53	84	1764	0.134 ug/L #	77
25) Chloroform	4.42	83	2152	0.095 ug/L	91
34) Trichloroethene	5.96	95	679924	50.434 ug/L	97
35) Methylcyclohexane	6.12	83	17431	0.929 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7891	0.685 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2137	0.133 ug/L #	81
44) trans-1,3-Dichloropropene	7.66	75	1128	0.092 ug/L	94
47) Tetrachloroethene	8.02	164	50013	4.863 ug/L	98
49) Dibromochloromethane	8.02	129	49536	5.206 ug/L #	8

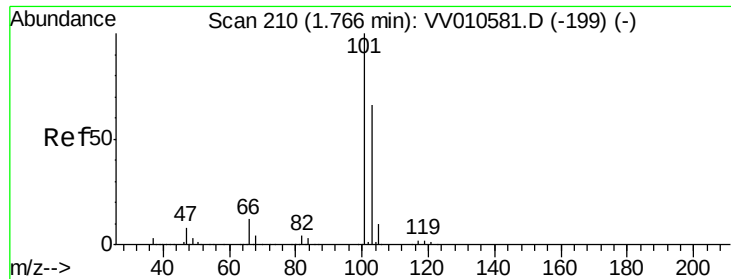
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#9

Trichlorofluoromethane

Concen: 0.802 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

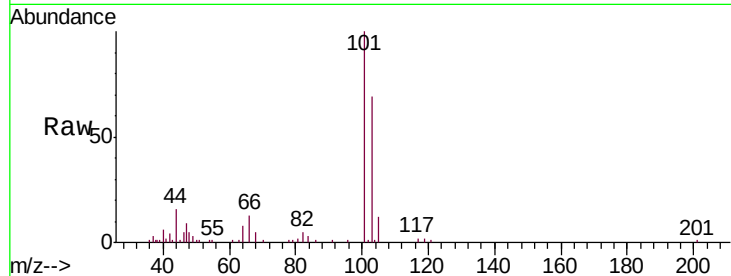
C0X80DL

Tgt Ion:101 Resp: 18636

Ion Ratio Lower Upper

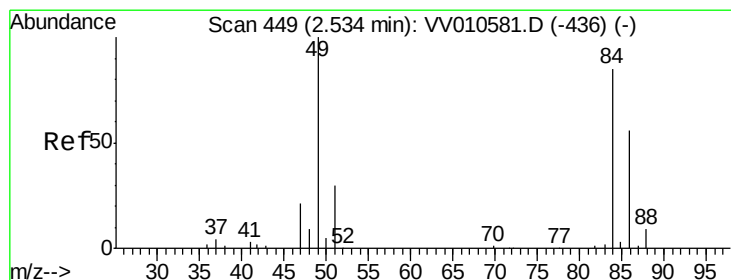
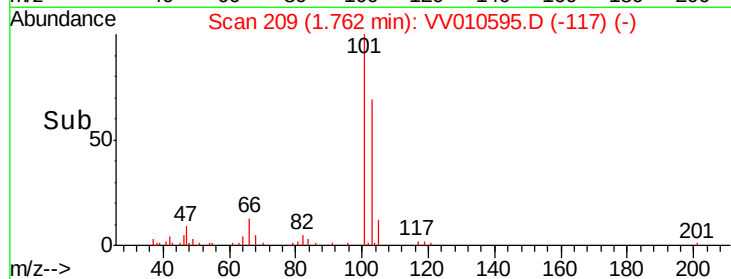
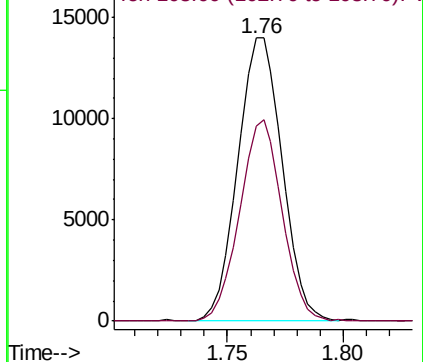
101 100

103 67.8 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#16

Methylene chloride

Concen: 0.134 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV010595.D

Acq: 01 May 2019 00:38

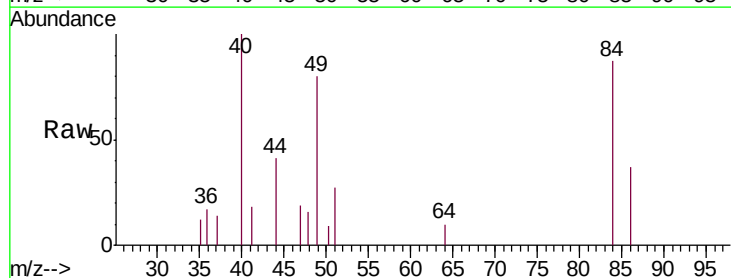
Tgt Ion: 84 Resp: 1764

Ion Ratio Lower Upper

84 100

86 42.8 43.3 80.3#

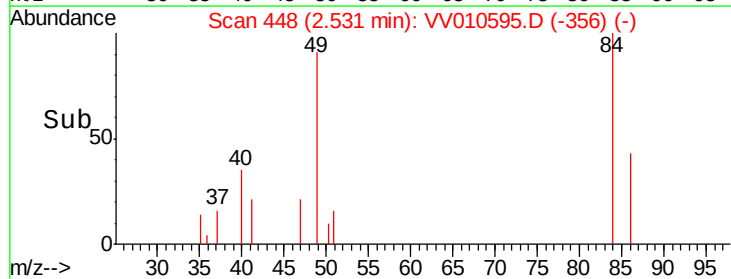
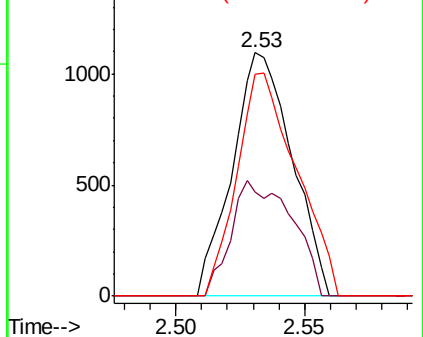
49 91.1 80.9 150.3

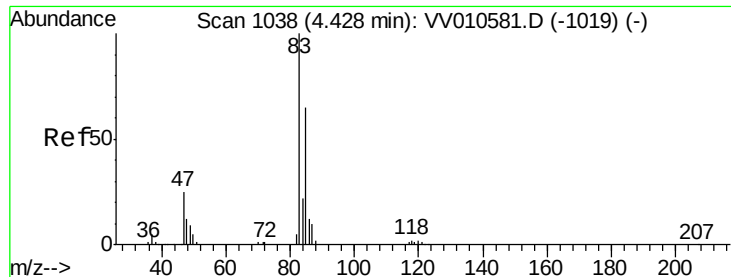


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.095 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VV010595.D

Acq: 01 May 2019 00:38

Instrument :

MSVOA_V

ClientSampled :

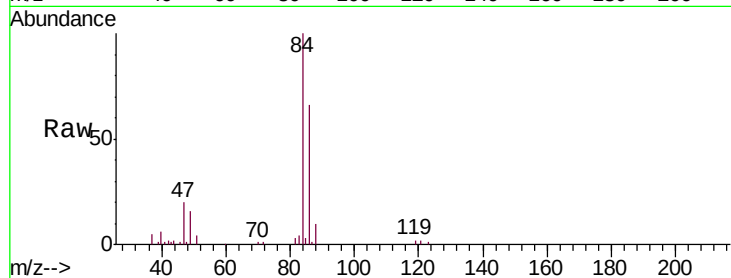
C0X80DL

Tgt Ion: 83 Resp: 2152

Ion Ratio Lower Upper

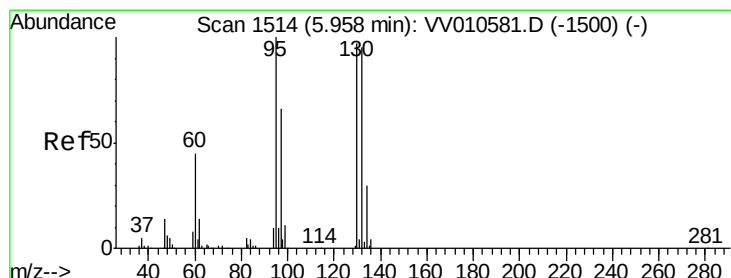
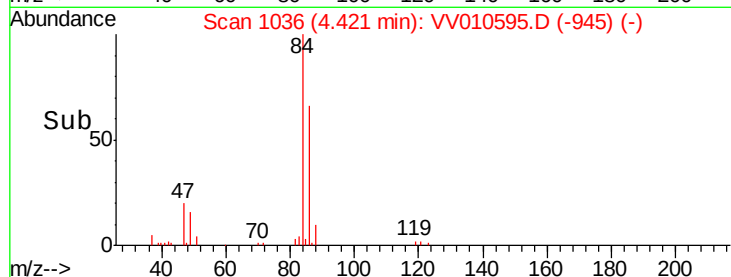
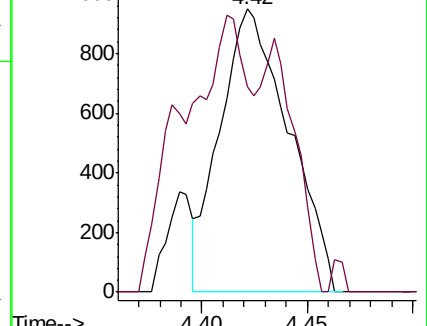
83 100

85 72.6 45.8 85.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#34

Trichloroethene

Concen: 50.434 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010595.D

Acq: 01 May 2019 00:38

Tgt Ion: 95 Resp: 679924

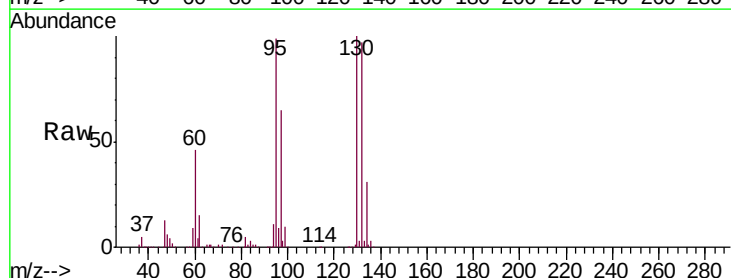
Ion Ratio Lower Upper

95 100

97 65.1 44.3 82.3

132 98.1 67.1 124.7

130 101.0 68.7 127.5

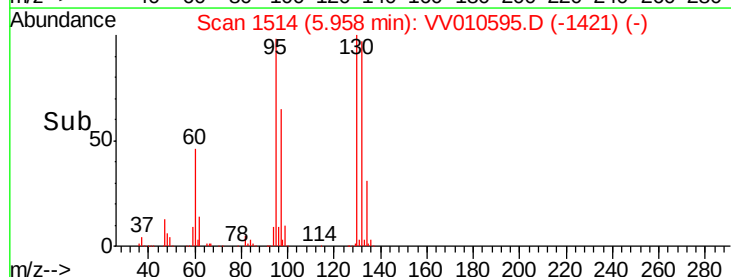
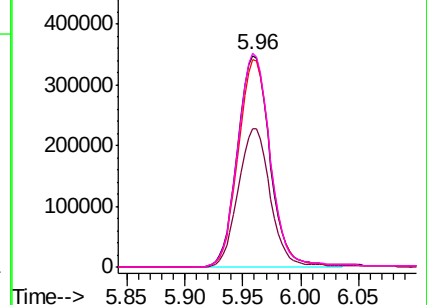


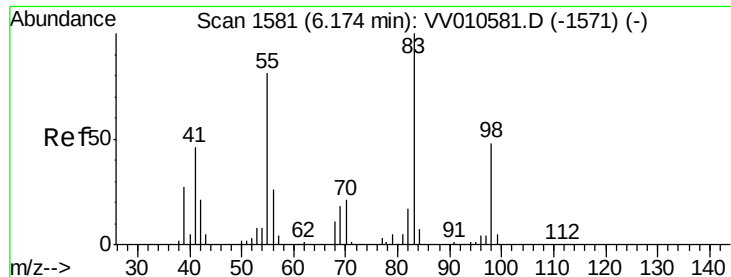
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

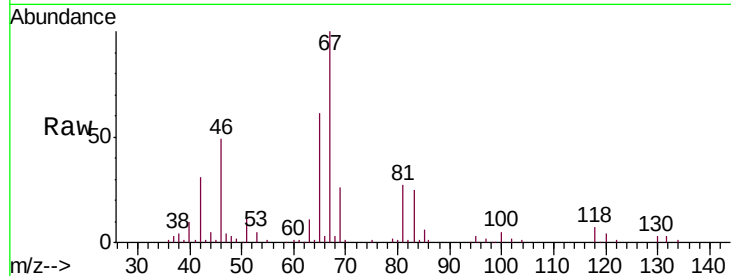




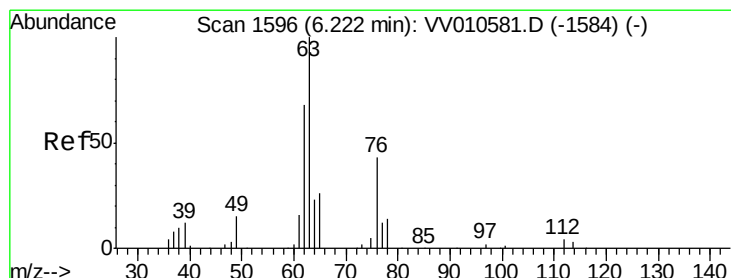
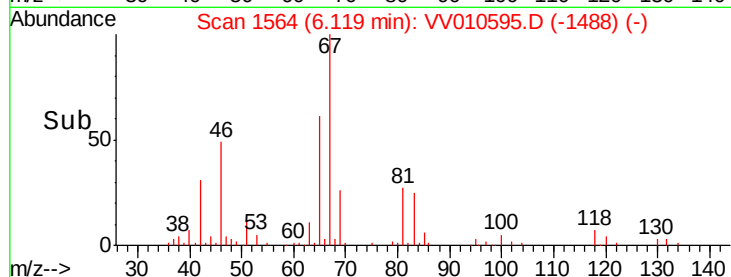
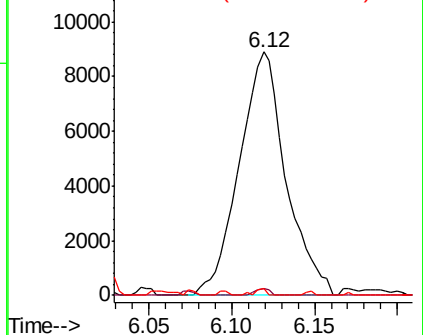
#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010595.D
Acq: 01 May 2019 00:38

Instrument :
MSVOA_V
ClientSampleId :
C0X80DL

Tgt Ion: 83 Resp: 17431
Ion Ratio Lower Upper
83 100
55 0.8 62.6 94.0#
98 0.0 38.8 58.2#

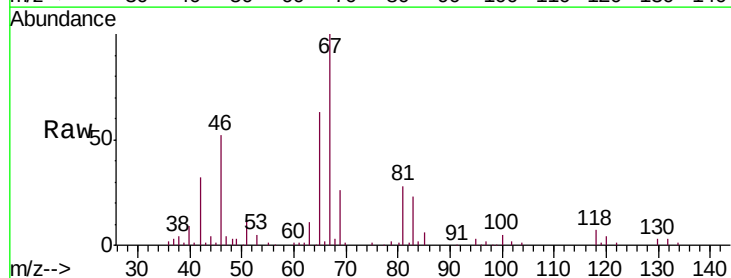


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

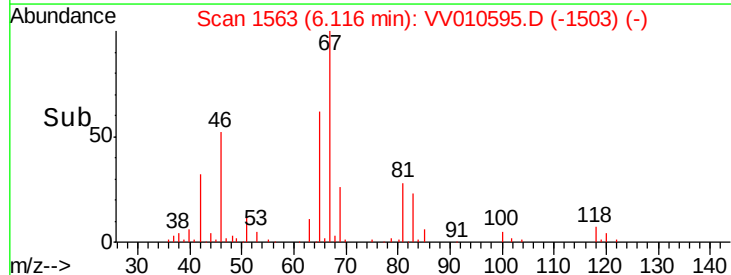
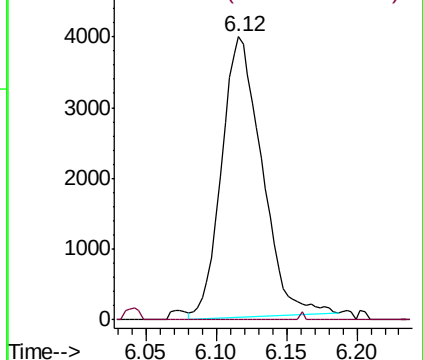


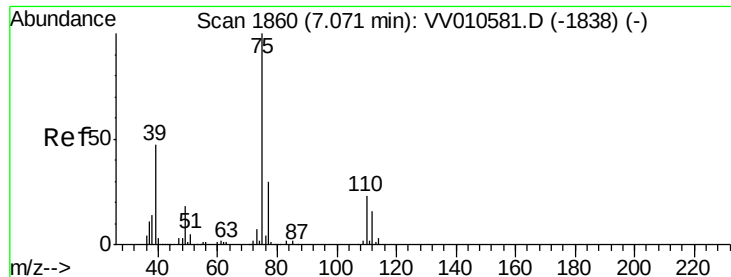
#37
1,2-Dichloropropane
Concen: 0.685 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010595.D
Acq: 01 May 2019 00:38

Tgt Ion: 63 Resp: 7891
Ion Ratio Lower Upper
63 100
112 0.3 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: 0.133 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV010595.D

Acq: 01 May 2019 00:38

Instrument :

MSVOA_V

ClientSampleId :

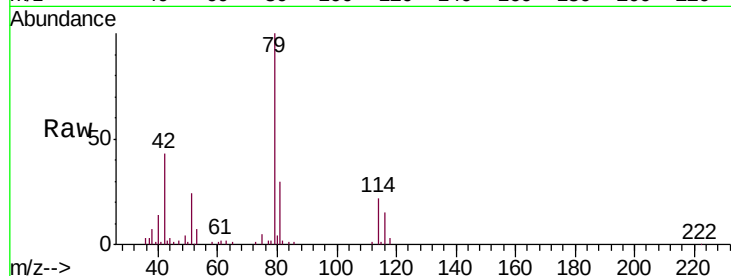
C0X80DL

Tgt Ion: 75 Resp: 2137

Ion Ratio Lower Upper

75 100

77 39.8 20.9 38.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

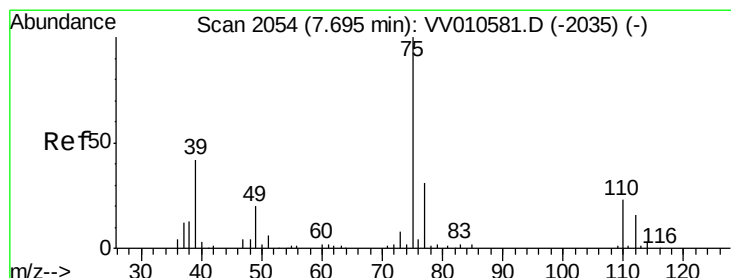
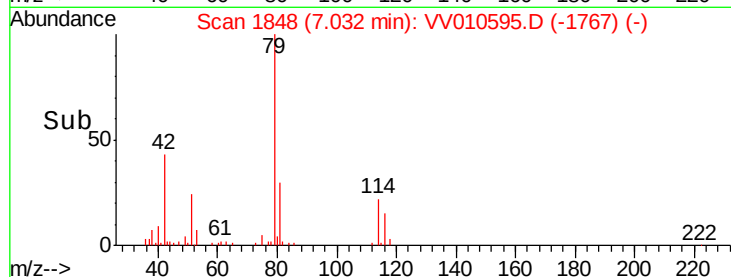
1000

500

0

Time-->

7.00 7.05



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV010595.D

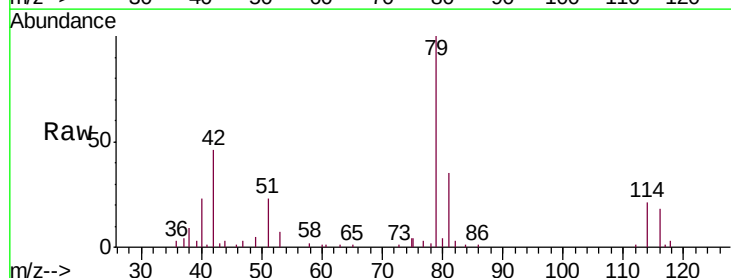
Acq: 01 May 2019 00:38

Tgt Ion: 75 Resp: 1128

Ion Ratio Lower Upper

75 100

77 29.4 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

1200

1000

800

600

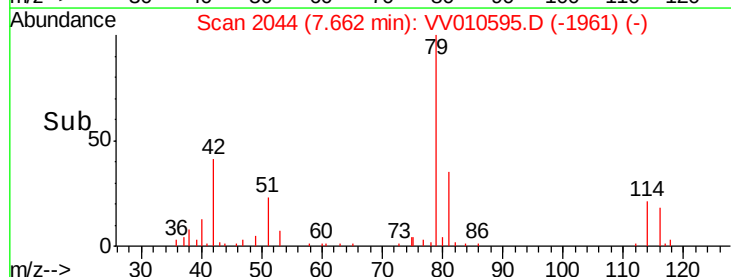
400

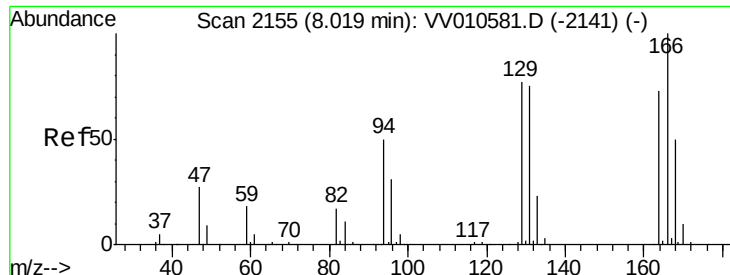
200

0

Time-->

7.62 7.64 7.66 7.68 7.70





#47

Tetrachloroethene

Concen: 4.863 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV010595.D

Acq: 01 May 2019 00:38

Instrument :

MSVOA_V

ClientSampleId :

C0X80DL

Tgt Ion:164 Resp: 50013

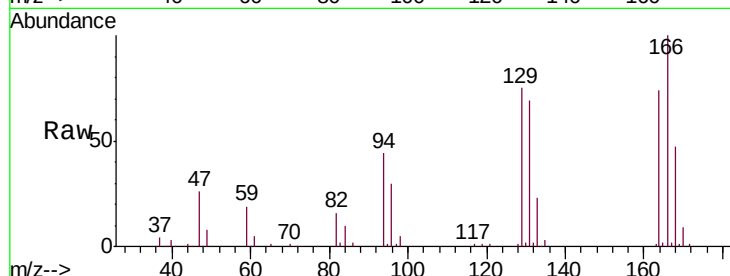
Ion Ratio Lower Upper

164 100

129 101.1 69.8 129.6

131 93.6 70.2 130.4

166 134.9 94.3 175.1

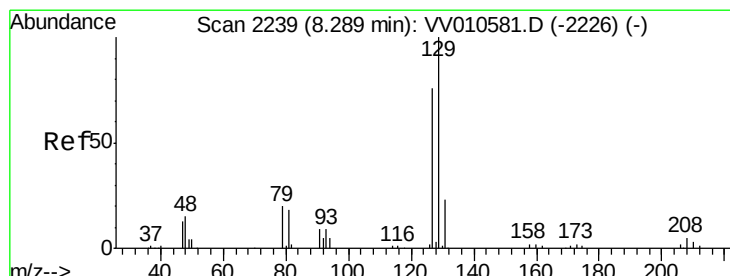
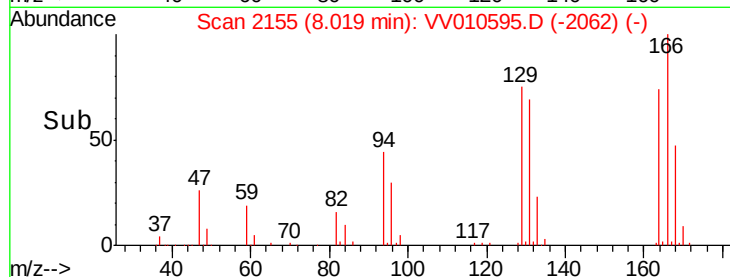
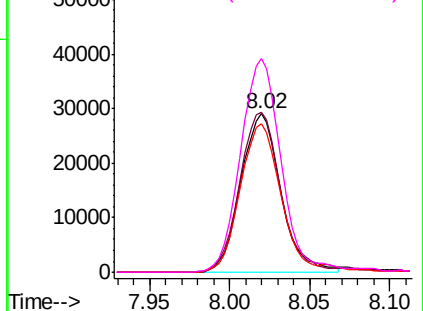


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 5.206 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010595.D

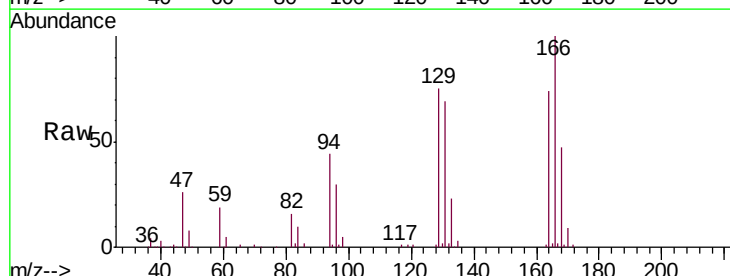
Acq: 01 May 2019 00:38

Tgt Ion:129 Resp: 49536

Ion Ratio Lower Upper

129 100

127 0.0 57.5 106.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

