

Data File : VV009831.D
Acq On : 22 Mar 2019 16:52
Operator : SY/MD
Sample : K2052-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P004-TW001-01

Quant Time: Mar 23 03:57:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87466	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37100	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52577	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.59	69	49690	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	102315	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	3.98	46	60623	49.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.10%
24) Chloroform-d	4.41	84	56352	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.09	65	28681	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.10	84	117417	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	36602	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.36	98	104895	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	10782	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	54897	50.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25389	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	36683	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

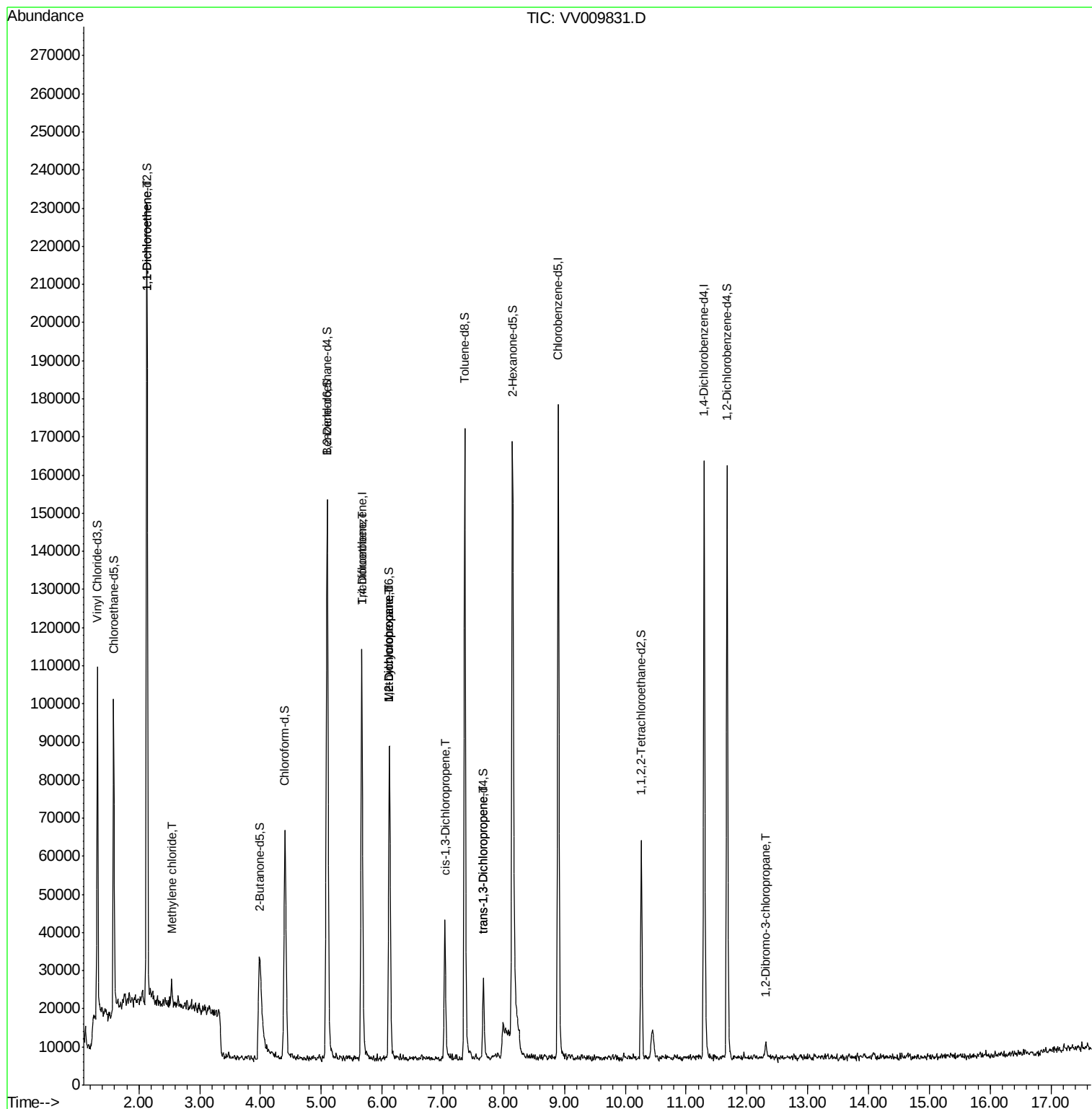
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1270	0.109 ug/L #	1
16) Methylene chloride	2.54	84	1898	0.144 ug/L	94
34) Trichloroethene	5.67	95	1668	0.266 ug/L #	6
35) Methylcyclohexane	6.12	83	8498	0.791 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4464	0.720 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1234	0.147 ug/L #	77
44) trans-1,3-Dichloropropene	7.67	75	596	0.089 ug/L	84
66) 1,2-Dibromo-3-chloropropan	12.32	75	107	0.180 ug/L #	1

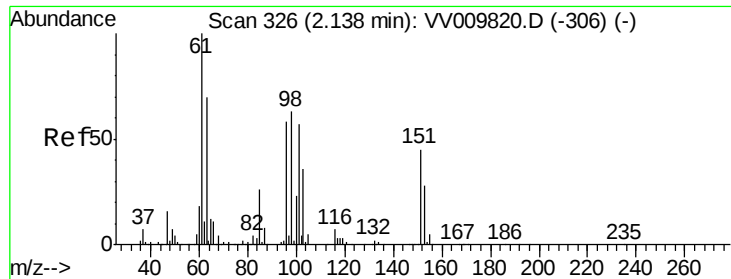
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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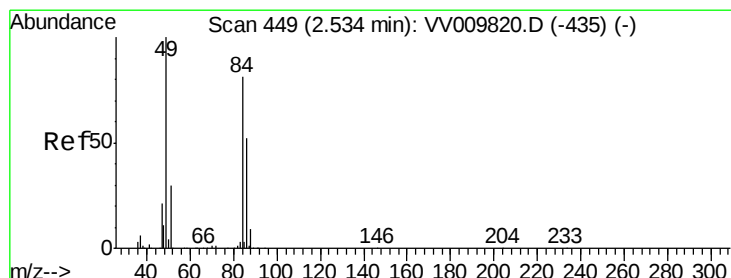
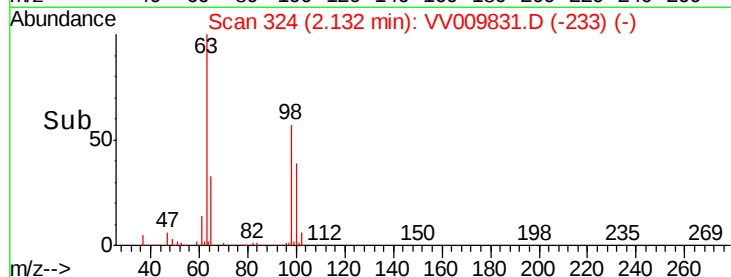
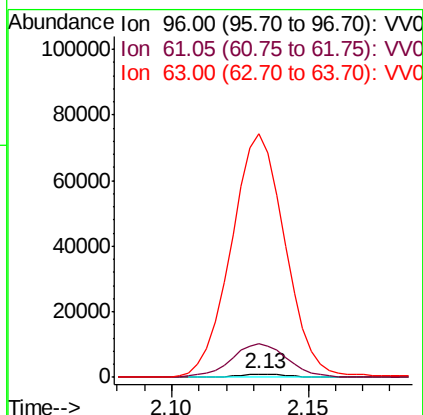
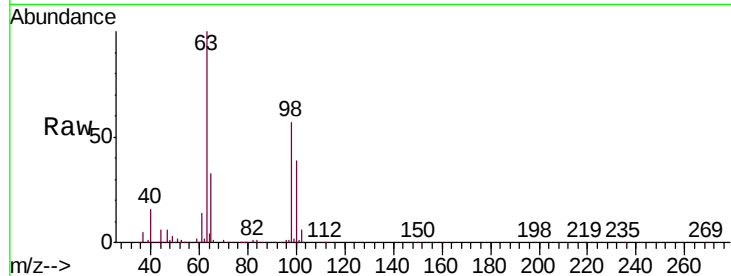




#12
1,1-Dichloroethene
Concen: 0.109 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV009831.D
Acq: 22 Mar 2019 16:52

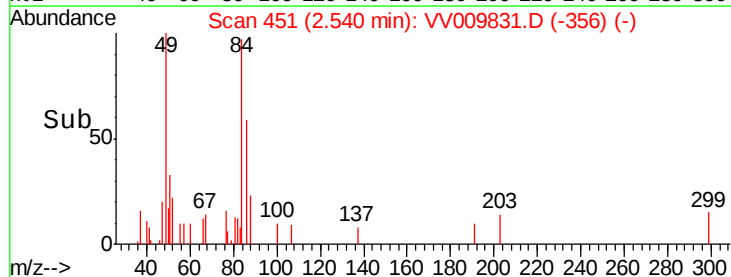
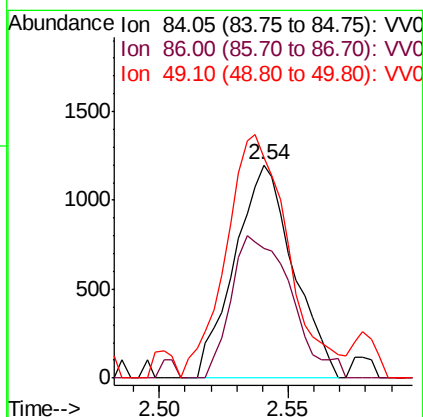
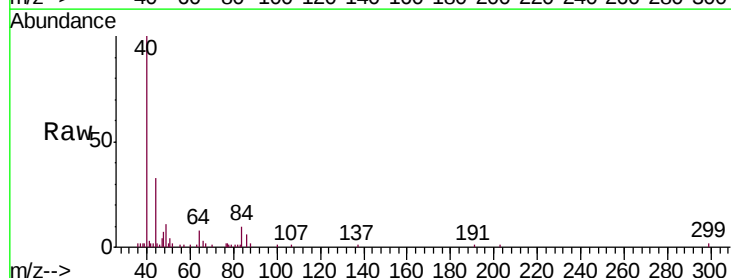
Instrument :
MSVOA_V
ClientSampleId :
P004-TW001-01

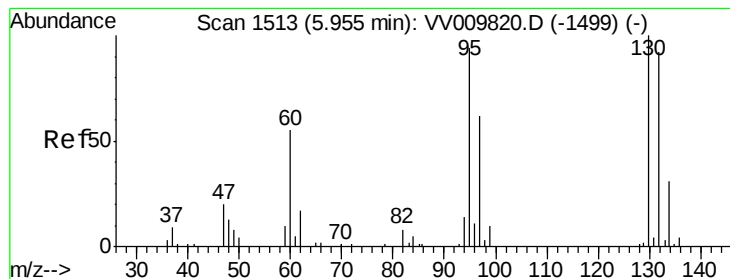
Tgt Ion: 96 Resp: 1270
Ion Ratio Lower Upper
96 100
61 1077.8 127.1 236.0#
63 7838.6 88.8 164.8#



#16
Methylene chloride
Concen: 0.144 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009831.D
Acq: 22 Mar 2019 16:52

Tgt Ion: 84 Resp: 1898
Ion Ratio Lower Upper
84 100
86 61.1 46.1 85.5
49 121.5 89.7 166.5





#34

Trichloroethene

Concen: 0.266 ug/L

RT: 5.67 min Scan# 1424

Delta R.T. -0.29 min

Lab File: VV009831.D

Acq: 22 Mar 2019 16:52

Instrument :

MSVOA_V

ClientSampleId :

P004-TW001-01

Tgt Ion: 95 Resp: 1668

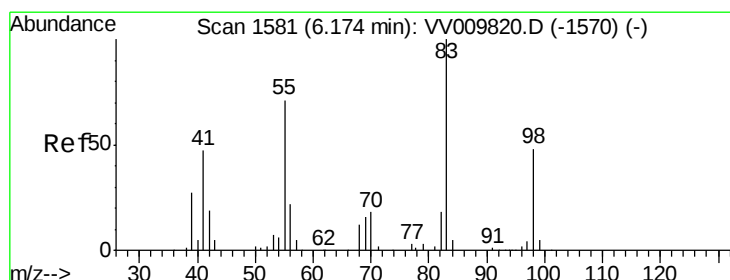
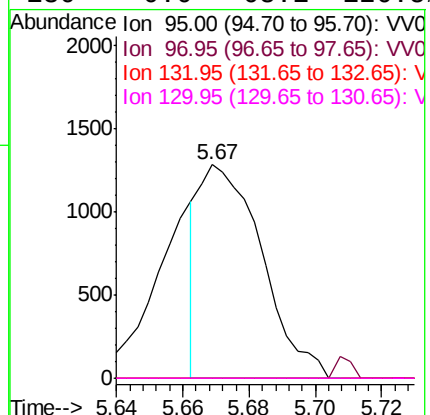
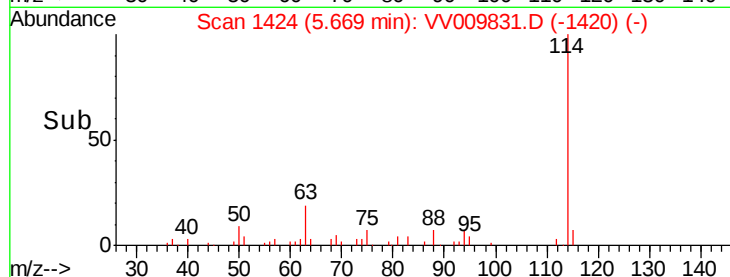
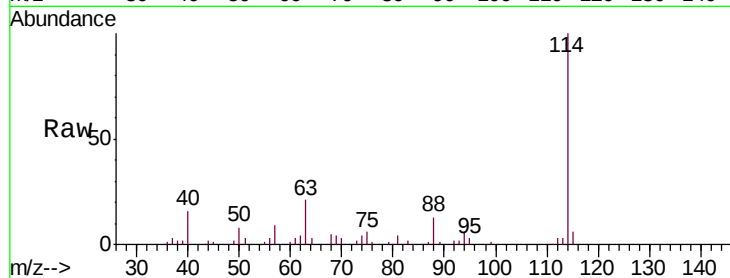
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 66.4 123.4#

130 0.0 68.1 126.5#



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV009831.D

Acq: 22 Mar 2019 16:52

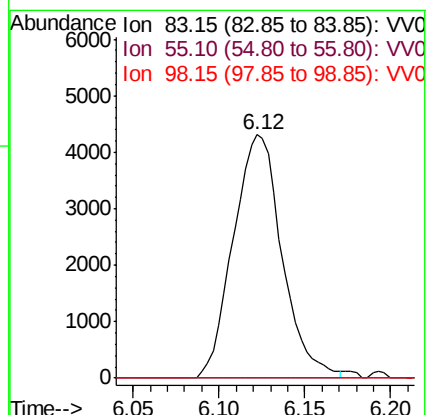
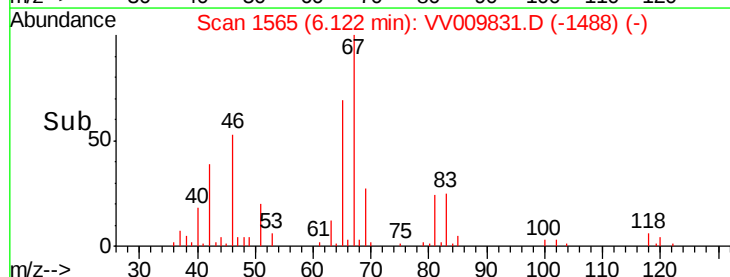
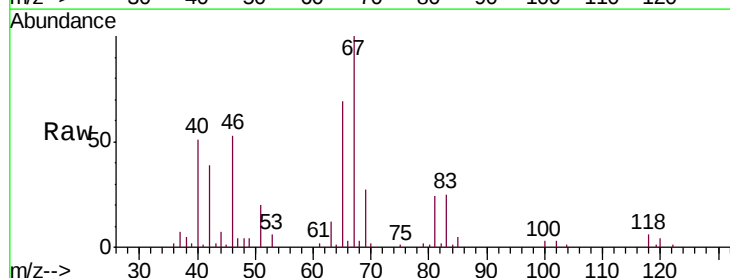
Tgt Ion: 83 Resp: 8498

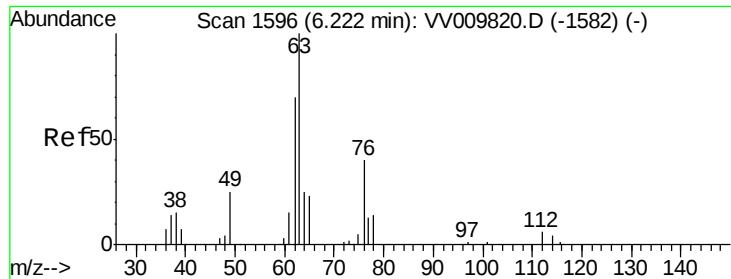
Ion Ratio Lower Upper

83 100

55 0.3 57.4 86.2#

98 0.0 38.9 58.3#

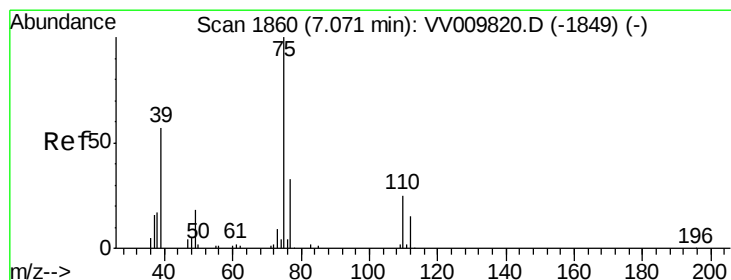
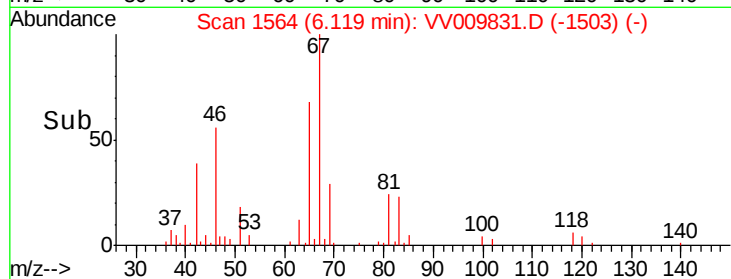
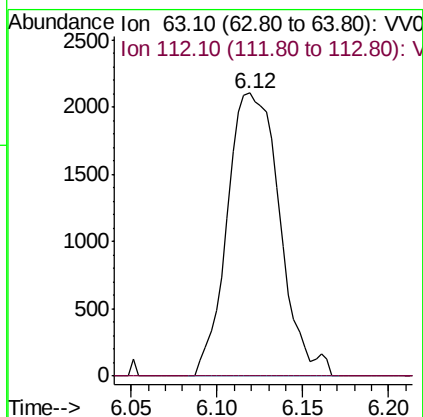
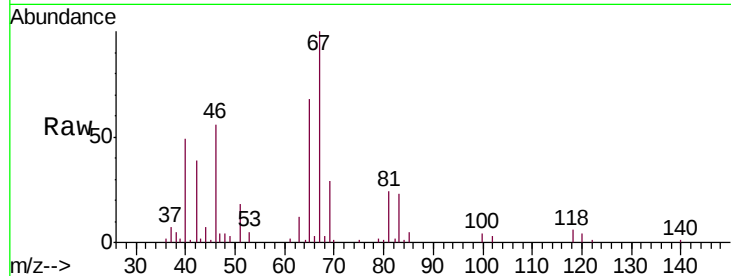




#37
 1,2-Dichloropropane
 Concen: 0.720 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009831.D
 Acq: 22 Mar 2019 16:52

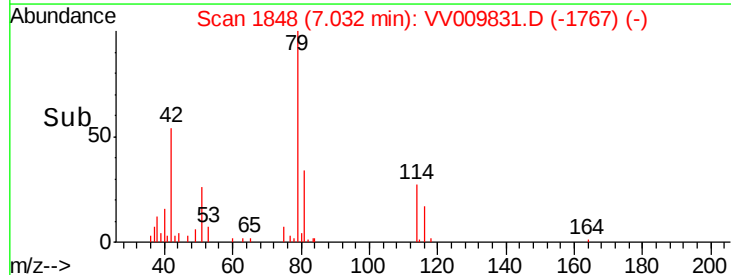
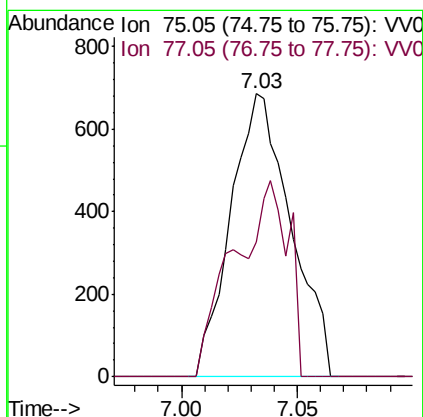
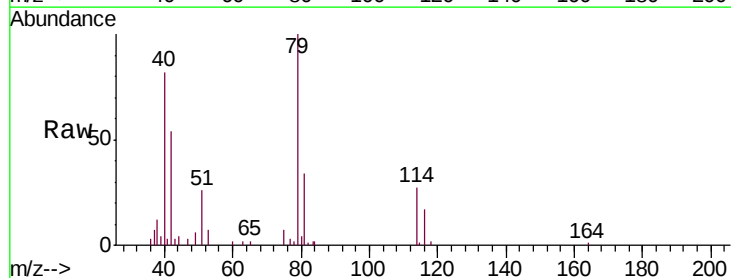
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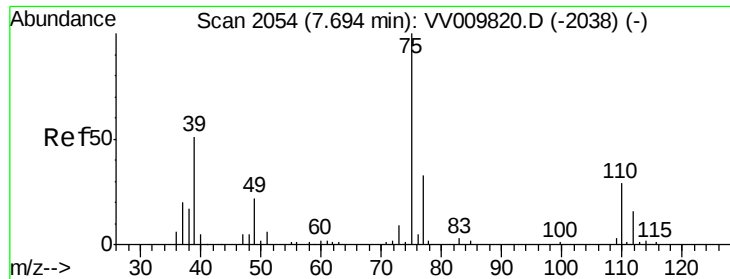
Tgt Ion: 63 Resp: 4464
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.147 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009831.D
 Acq: 22 Mar 2019 16:52

Tgt Ion: 75 Resp: 1234
 Ion Ratio Lower Upper
 75 100
 77 47.8 24.1 44.8#





#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV009831.D

Acq: 22 Mar 2019 16:52

Instrument :

MSVOA_V

ClientSampleId :

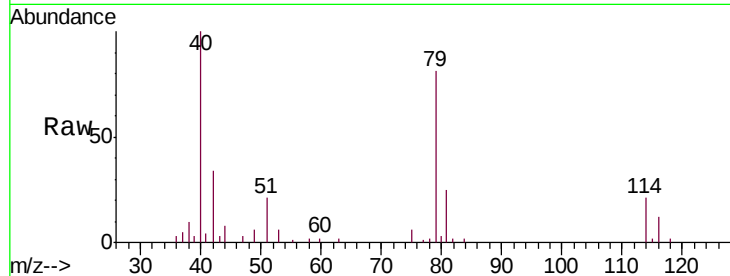
P004-TW001-01

Tgt Ion: 75 Resp: 596

Ion Ratio Lower Upper

75 100

77 23.3 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

400

300

200

100

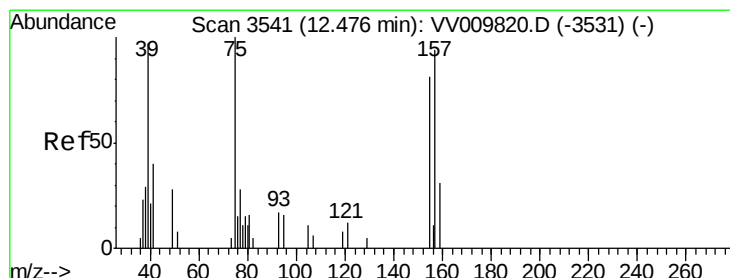
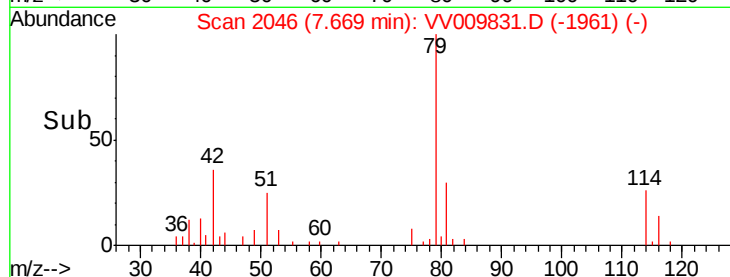
0

7.64

7.66

7.68

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.180 ug/L

RT: 12.32 min Scan# 3492

Delta R.T. -0.16 min

Lab File: VV009831.D

Acq: 22 Mar 2019 16:52

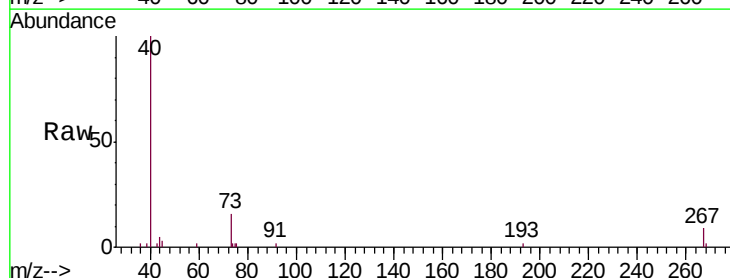
Tgt Ion: 75 Resp: 107

Ion Ratio Lower Upper

75 100

155 0.0 73.5 110.3#

157 0.0 88.3 132.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

12.32

300

250

200

150

100

50

0

12.30

12.32

Time-->

