

Data File : VV009811.D
Acq On : 21 Mar 2019 22:08
Operator : SY/MD
Sample : K2049-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P017-TW001-01

Quant Time: Mar 22 08:19:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	92589	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94546	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41168	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52732	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.59	69	51627	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	106101	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.95	46	63401	48.96	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.40	84	51205	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.09	65	30935	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.10	84	125367	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	36431	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	112439	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	11993	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.14	63	56796	48.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27891	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	40473	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

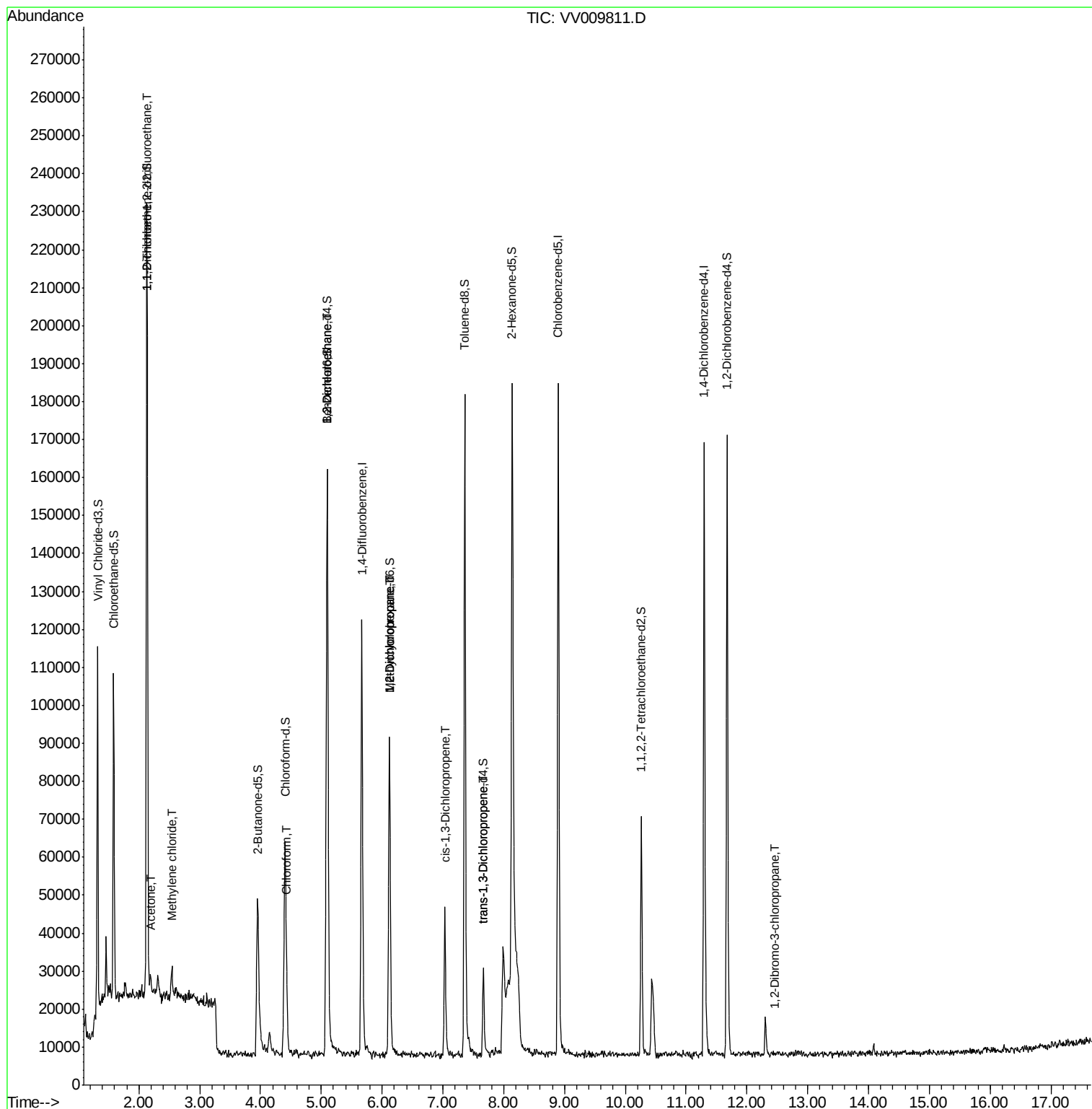
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1145	0.082	ug/L #	23
13) Acetone	2.19	43	3066	1.828	ug/L	77
16) Methylene chloride	2.54	84	3052	0.219	ug/L	93
25) Chloroform	4.43	83	7382	0.658	ug/L #	74
27) 1,2-Dichloroethane	5.10	62	1134	0.166	ug/L #	75
35) Methylcyclohexane	6.12	83	8603	0.748	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4609	0.694	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1182	0.132	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	814	0.113	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.45	75	79	0.120	ug/L #	1

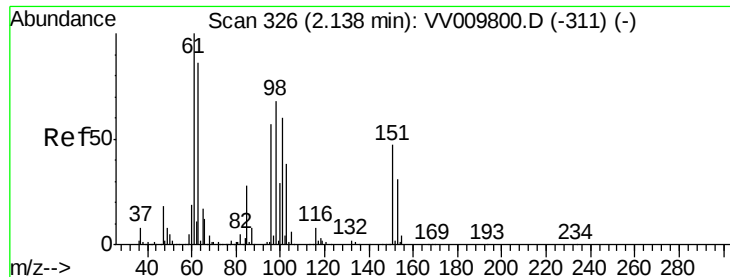
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV009811.D

Acq: 21 Mar 2019 22:08

Instrument :

MSVOA_V

ClientSampleId :

P017-TW001-01

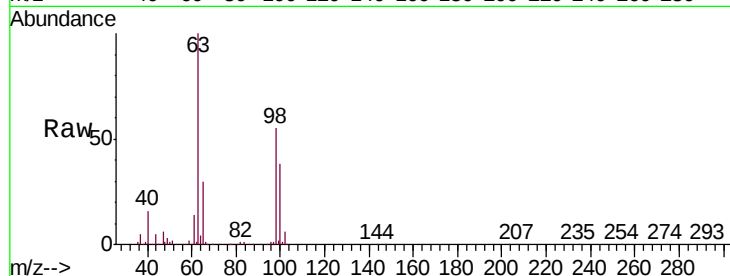
Tgt Ion:101 Resp: 1145

Ion Ratio Lower Upper

101 100

85 1.8 39.2 58.8#

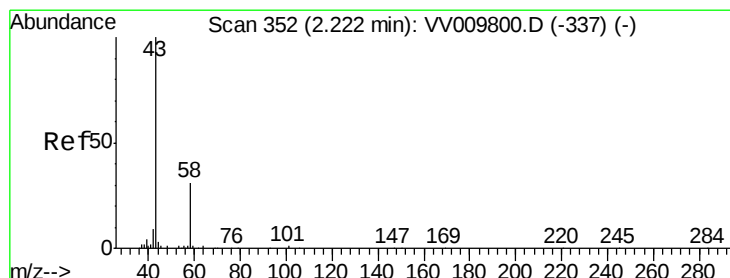
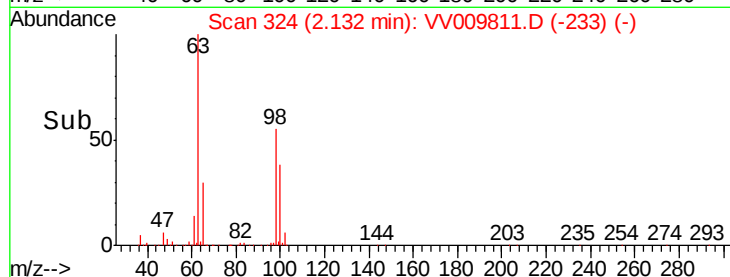
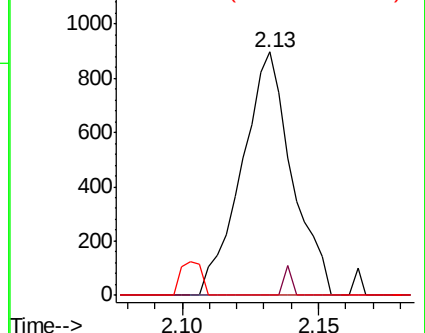
151 5.8 61.1 91.7#



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: 1.828 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

Lab File: VV009811.D

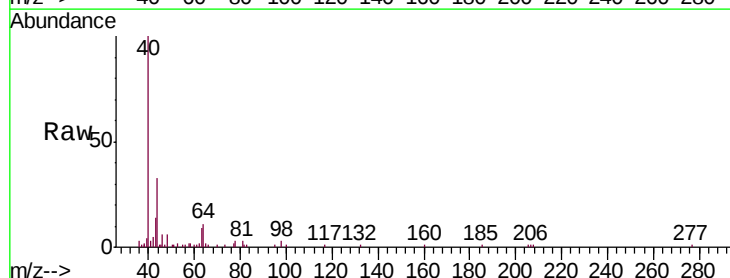
Acq: 21 Mar 2019 22:08

Tgt Ion: 43 Resp: 3066

Ion Ratio Lower Upper

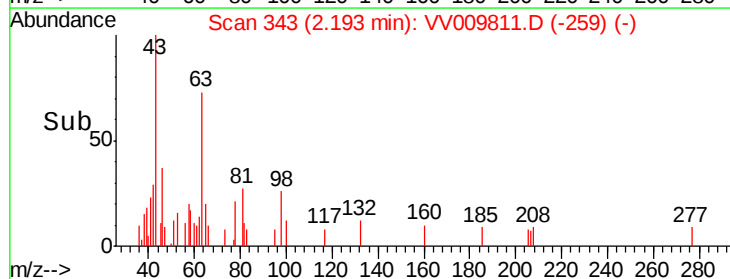
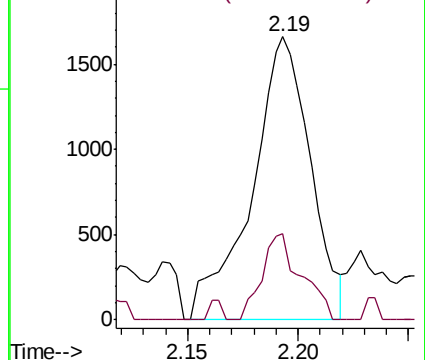
43 100

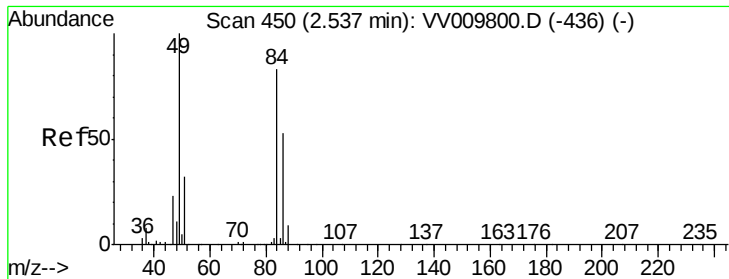
58 20.3 0.0 23.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

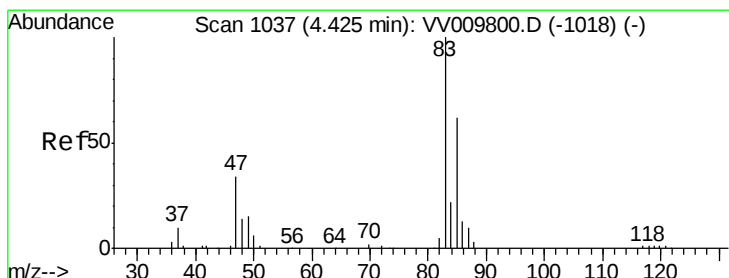
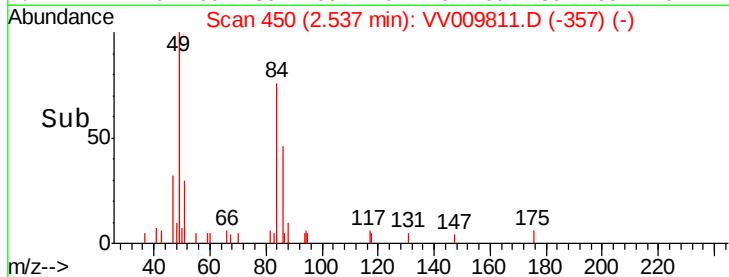
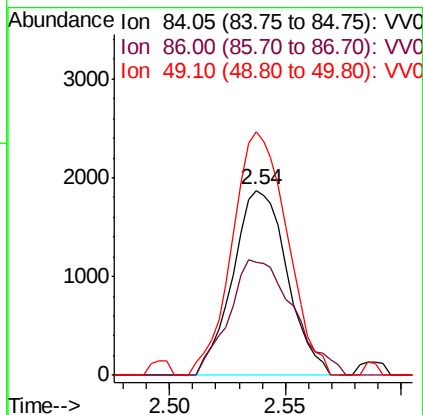
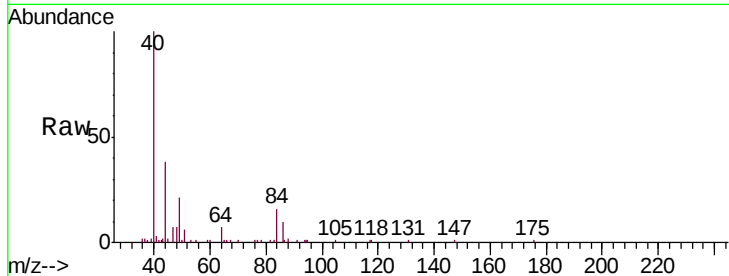




#16
Methylene chloride
Concen: 0.219 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009811.D
Acq: 21 Mar 2019 22:08

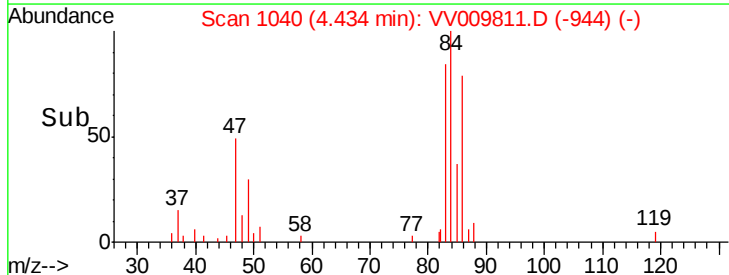
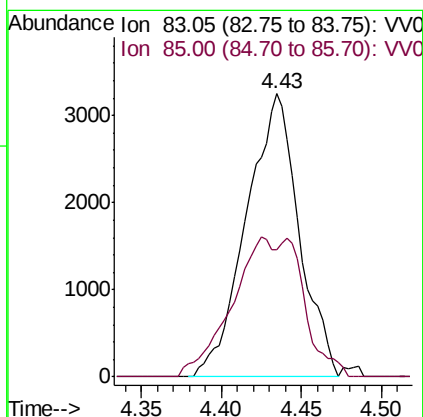
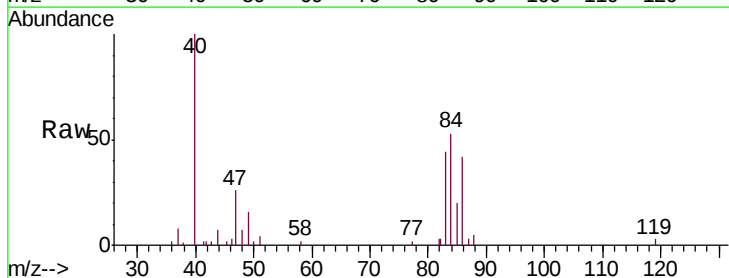
Instrument :
MSVOA_V
ClientSampleId :
P017-TW001-01

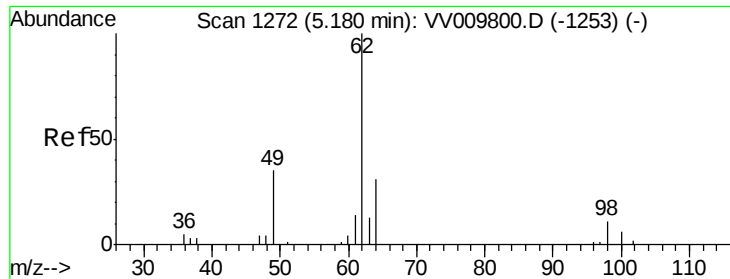
Tgt Ion: 84 Resp: 3052
Ion Ratio Lower Upper
84 100
86 66.9 46.1 85.5
49 140.1 89.7 166.5



#25
Chloroform
Concen: 0.658 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV009811.D
Acq: 21 Mar 2019 22:08

Tgt Ion: 83 Resp: 7382
Ion Ratio Lower Upper
83 100
85 44.8 45.7 84.9#

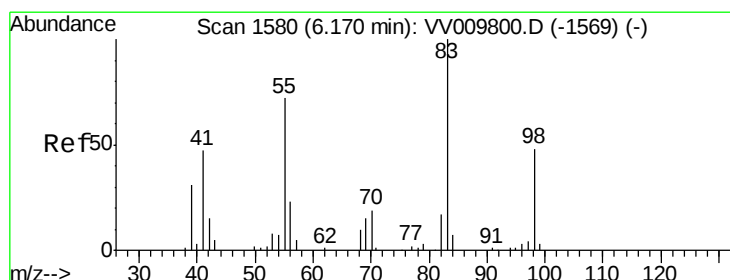
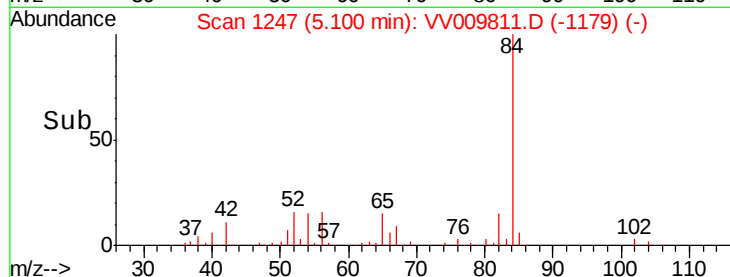
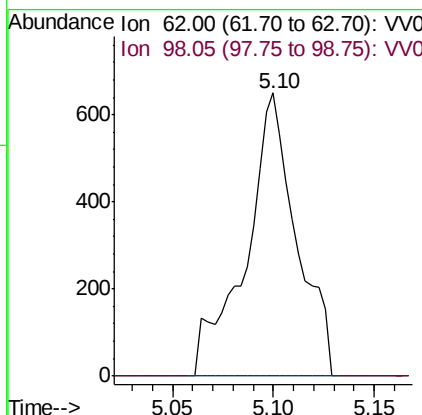
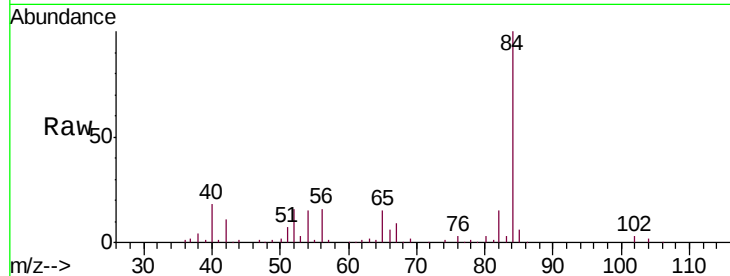




#27
 1,2-Dichloroethane
 Concen: 0.166 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV009811.D
 Acq: 21 Mar 2019 22:08

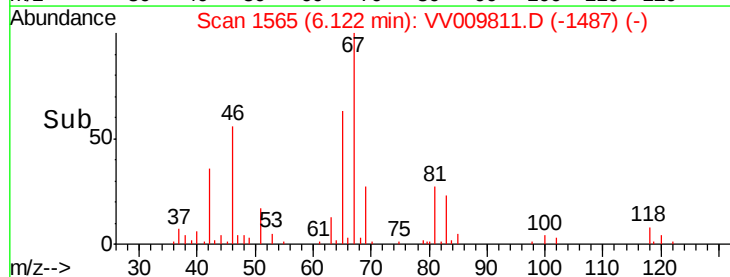
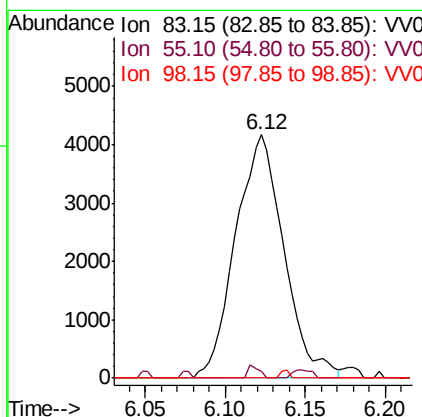
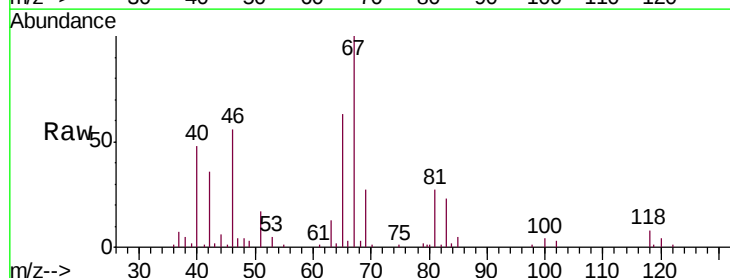
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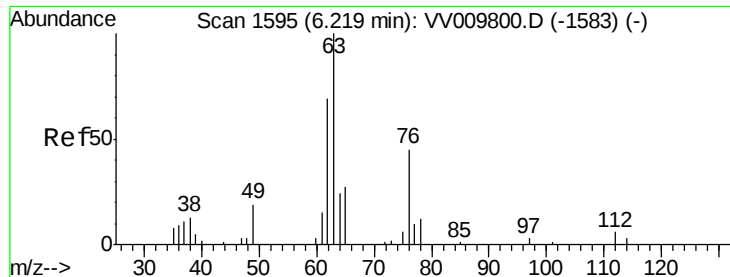
Tgt Ion: 62 Resp: 1134
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.4 11.0#



#35
 Methylcyclohexane
 Concen: 0.748 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV009811.D
 Acq: 21 Mar 2019 22:08

Tgt Ion: 83 Resp: 8603
 Ion Ratio Lower Upper
 83 100
 55 1.1 57.4 86.2#
 98 0.0 38.9 58.3#

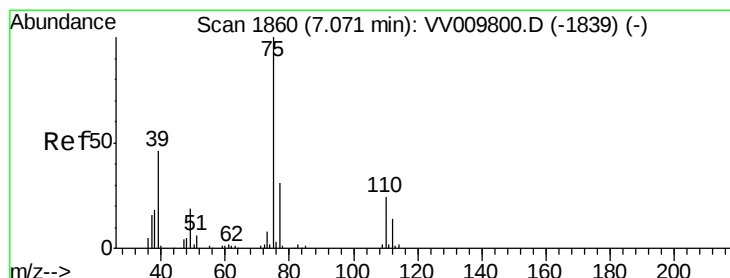
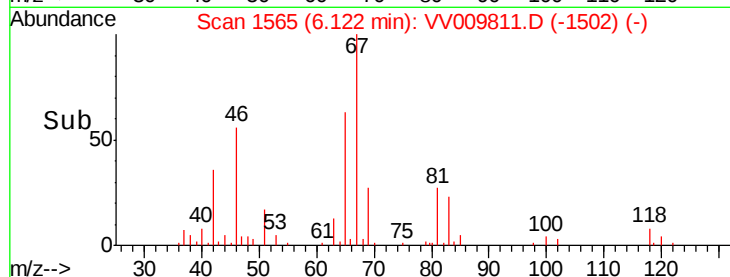
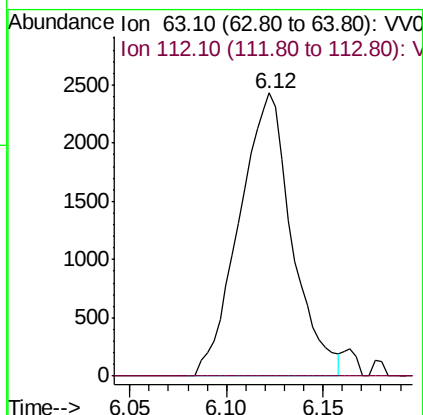
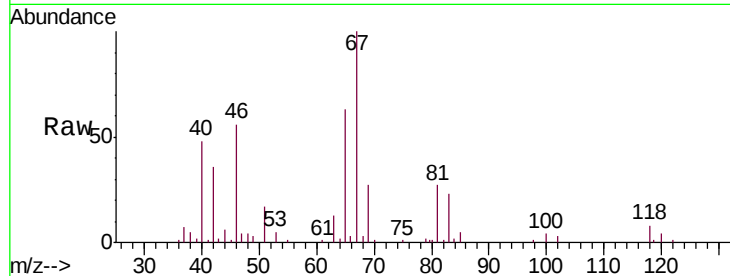




#37
 1,2-Dichloropropane
 Concen: 0.694 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV009811.D
 Acq: 21 Mar 2019 22:08

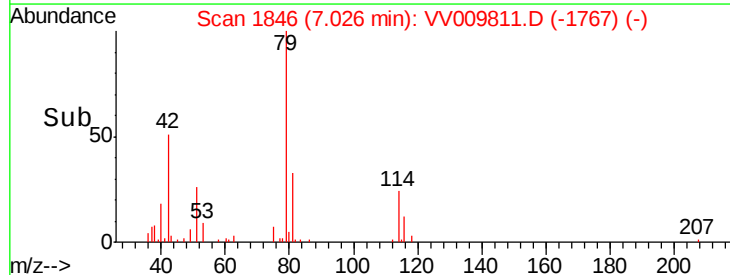
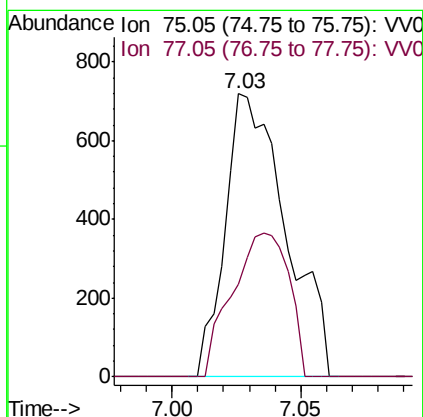
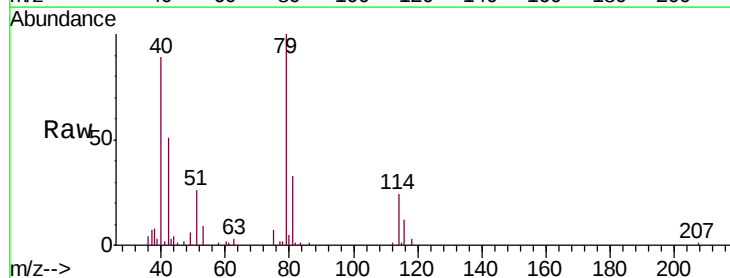
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 MSVOA_V
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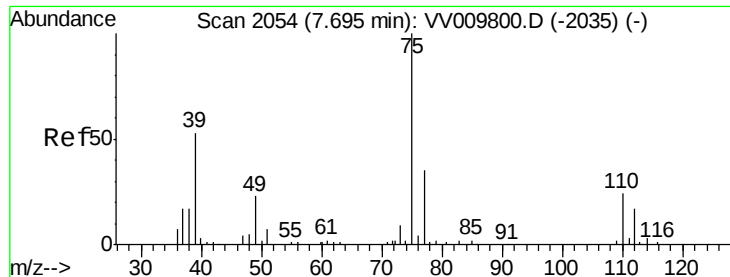
Tgt Ion: 63 Resp: 4609
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.132 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV009811.D
 Acq: 21 Mar 2019 22:08

Tgt Ion: 75 Resp: 1182
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.1 44.8





#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.02 min

Lab File: VV009811.D

Acq: 21 Mar 2019 22:08

Instrument :

MSVOA_V

ClientSampleId :

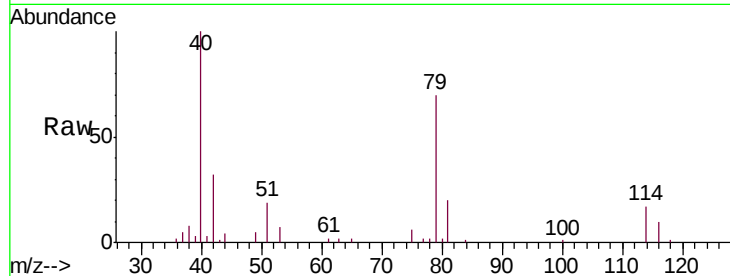
P017-TW001-01

Tgt Ion: 75 Resp: 814

Ion Ratio Lower Upper

75 100

77 35.9 22.7 42.3

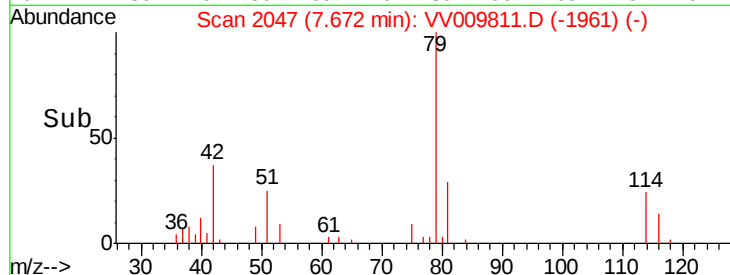


Abundance Ion 75.05 (74.75 to 75.75): VV009800.D (-2035) (-)

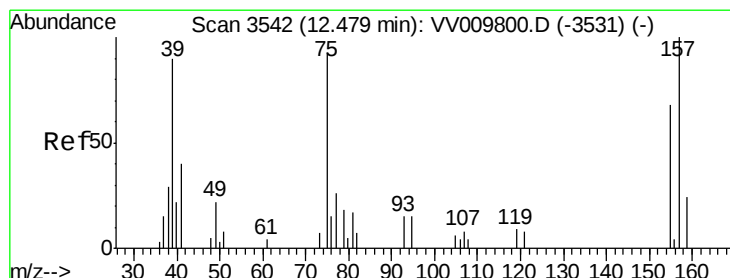
Ion 77.05 (76.75 to 77.75): VV009800.D (-2035) (-)

7.67

7.65 7.70



Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.120 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. -0.03 min

Lab File: VV009811.D

Acq: 21 Mar 2019 22:08

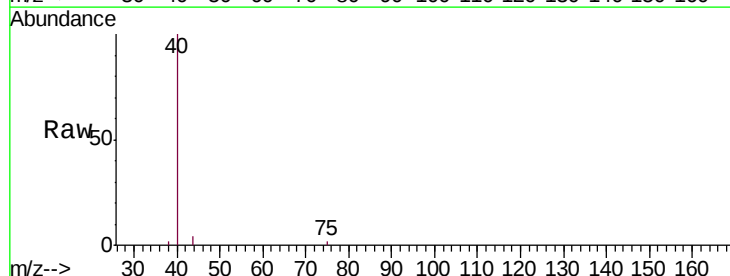
Tgt Ion: 75 Resp: 79

Ion Ratio Lower Upper

75 100

155 0.0 73.5 110.3#

157 0.0 88.3 132.5#



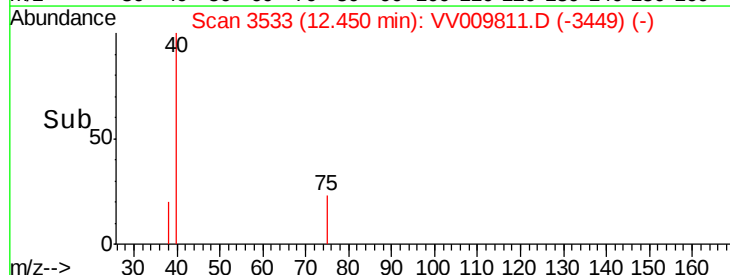
Abundance Ion 75.05 (74.75 to 75.75): VV009800.D (-3531) (-)

Ion 154.95 (154.65 to 155.65): VV009800.D (-3531) (-)

Ion 156.90 (156.60 to 157.60): VV009800.D (-3531) (-)

12.45

12.44 12.46



Time-->