

Data File : VV009759.D
Acq On : 18 Mar 2019 15:22
Operator : SY/MD
Sample : K1918-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09A4

Quant Time: Mar 19 04:33:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	138623	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130156	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43775	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.66%
7) Chloroethane-d5	1.56	69	36343	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.42%
11) 1,1-Dichloroethene-d2	2.13	63	73486	36.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.84%
21) 2-Butanone-d5	3.93	46	53982	96.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.96%
24) Chloroform-d	4.40	84	80644	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.08	65	51690	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
32) Benzene-d6	5.10	84	172311	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	6.12	67	51303	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.10%
41) Toluene-d8	7.36	98	163575	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%
43) trans-1,3-Dichloropropene-	7.66	79	23237	47.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.90%
47) 2-Hexanone-d5	8.13	63	42283	100.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.33%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	75120	47.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	55133	53.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.14%

Target Compounds

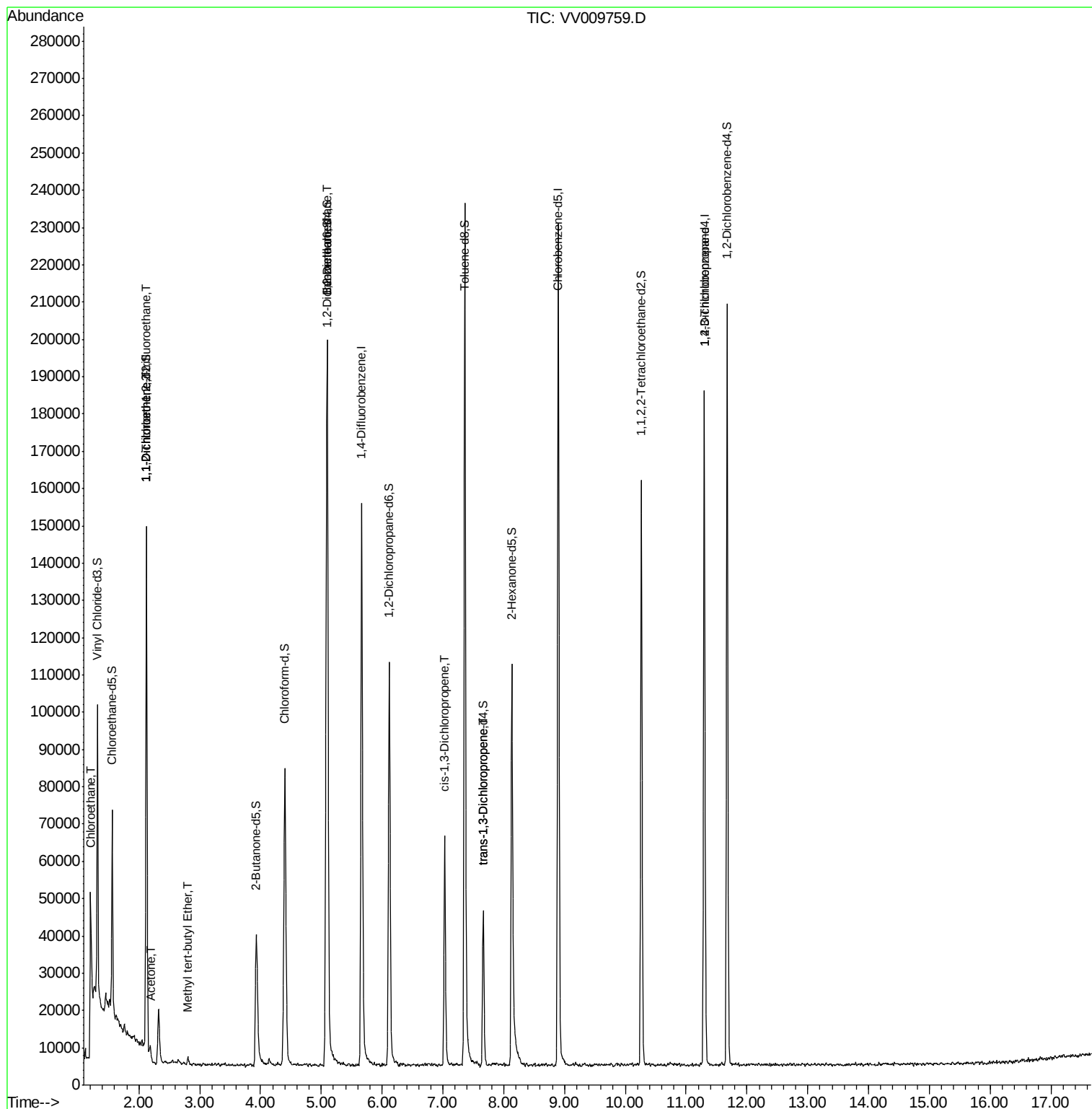
					Qvalue	
8) Chloroethane	1.21	64	48894	78.163	ug/L #	47
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	614	0.644	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	609	0.737	ug/L #	1
13) Acetone	2.19	43	2737	5.191	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	1522	0.544	ug/L #	87
27) 1,2-Dichloroethane	5.10	62	974	0.765	ug/L #	74
39) cis-1,3-Dichloropropene	7.03	75	1833	1.325	ug/L #	75
44) trans-1,3-Dichloropropene	7.66	75	1191	0.909	ug/L	90
59) 1,2,3-Trichloropropane	11.30	75	6092	5.111	ug/L #	87

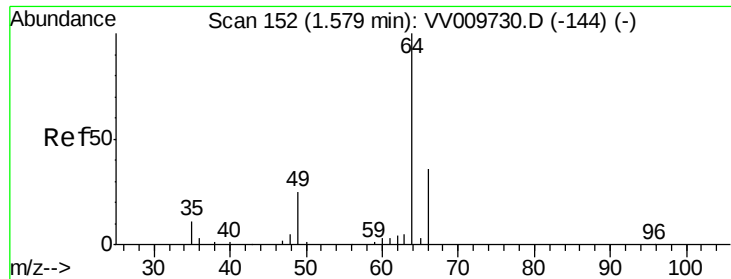
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 78.163 ug/L

RT: 1.21 min Scan# 36

Delta R.T. -0.37 min

Lab File: VV009759.D

Acq: 18 Mar 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

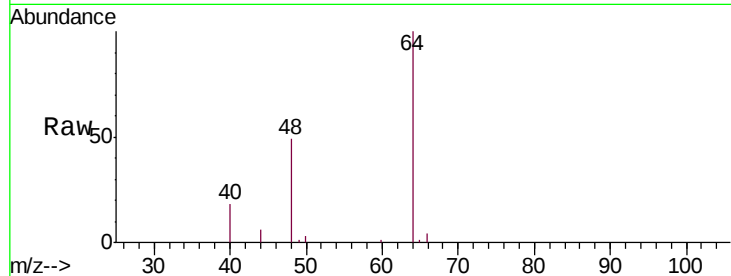
C09A4

Tgt Ion: 64 Resp: 48894

Ion Ratio Lower Upper

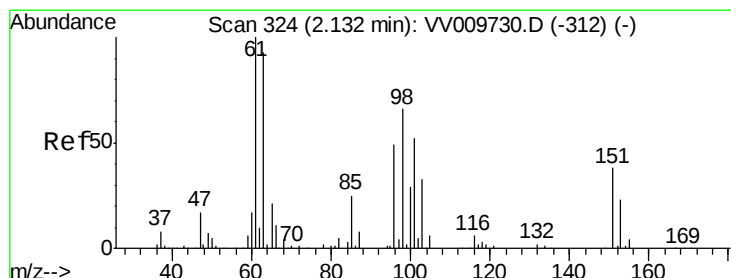
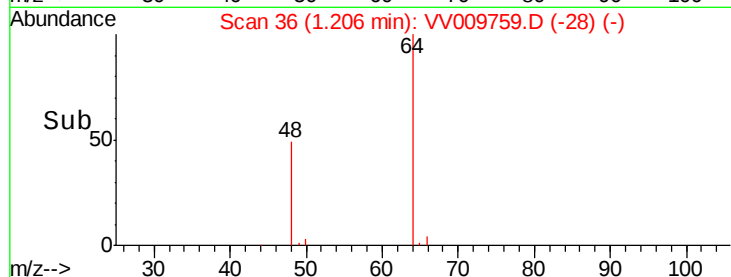
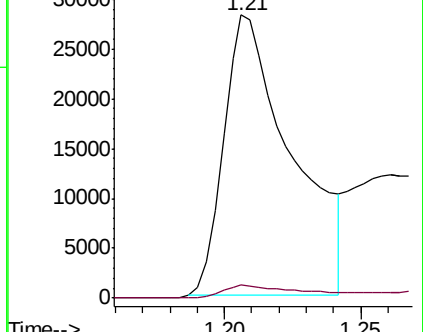
64 100

66 4.5 24.5 45.5#



Abundance Ion 64.00 (63.70 to 64.70): VV009730.D (-144) (-)

Ion 66.00 (65.70 to 66.70): VV009730.D (-144) (-)



#10

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

Concen: 0.644 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV009759.D

Acq: 18 Mar 2019 15:22

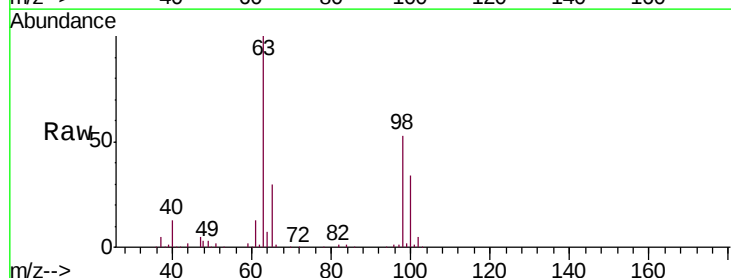
Tgt Ion: 101 Resp: 614

Ion Ratio Lower Upper

101 100

85 0.0 38.5 57.7#

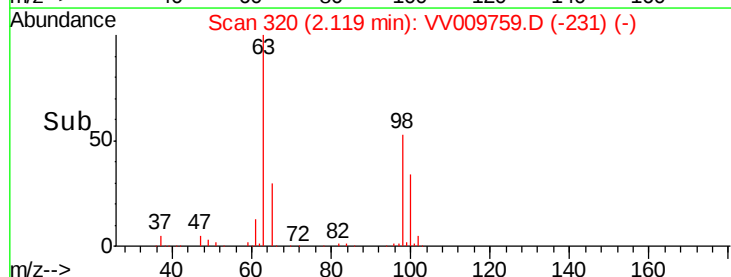
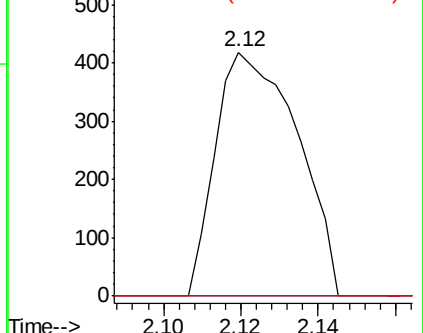
151 0.0 58.9 88.3#

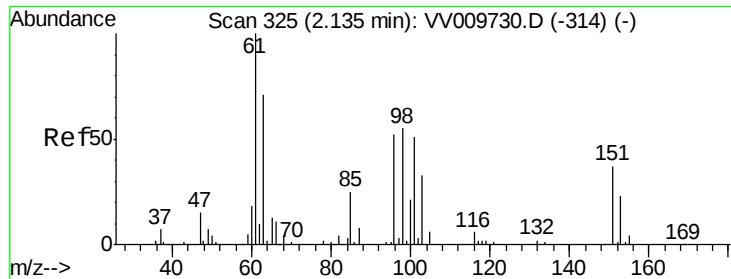


Abundance Ion 101.00 (100.70 to 101.70): VV009730.D (-312) (-)

Ion 85.00 (84.70 to 85.70): VV009730.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV009730.D (-312) (-)

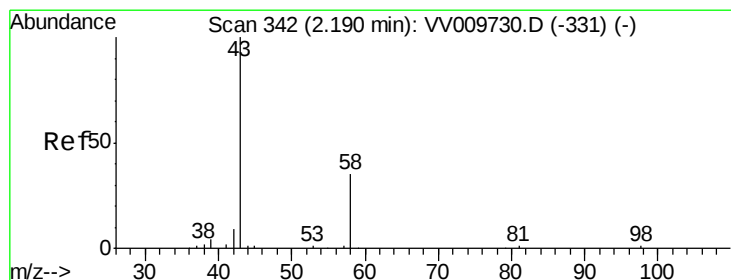
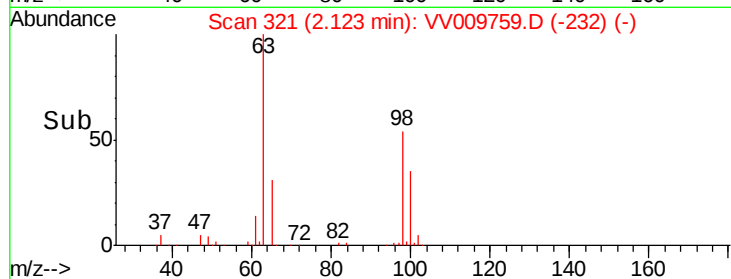
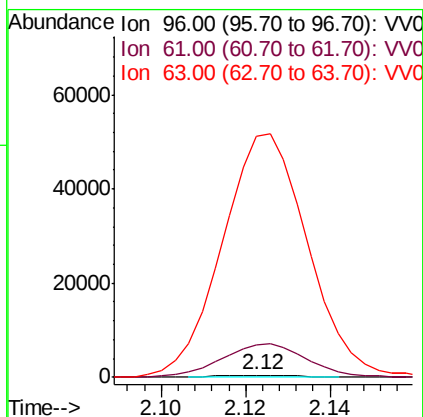
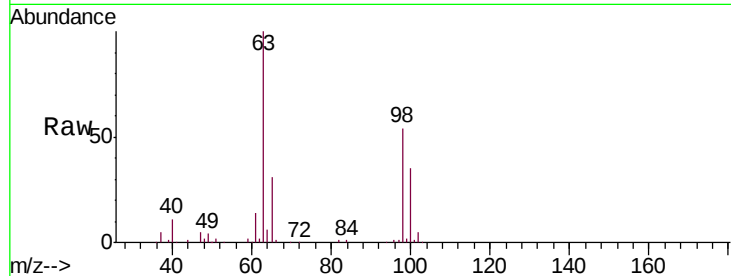




#12
 1,1-Dichloroethene
 Concen: 0.737 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV009759.D
 Acq: 18 Mar 2019 15:22

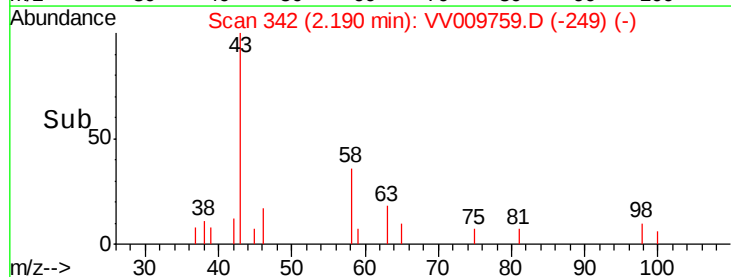
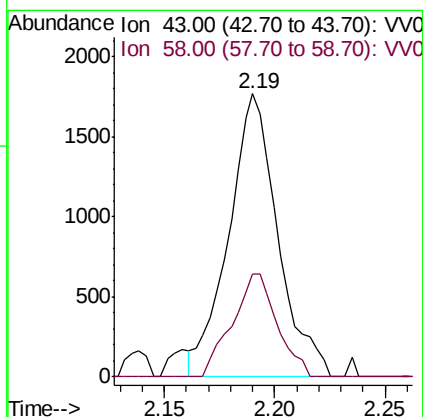
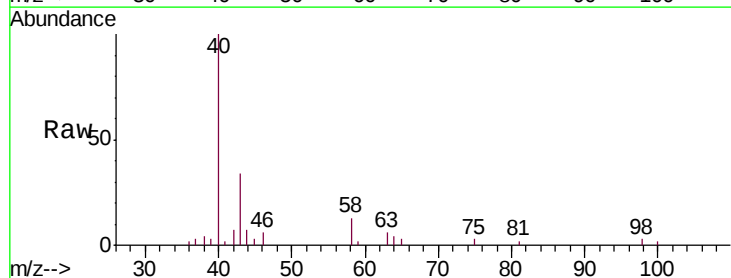
Instrument :
 MSVOA_V
 ClientSampled :
 C09A4

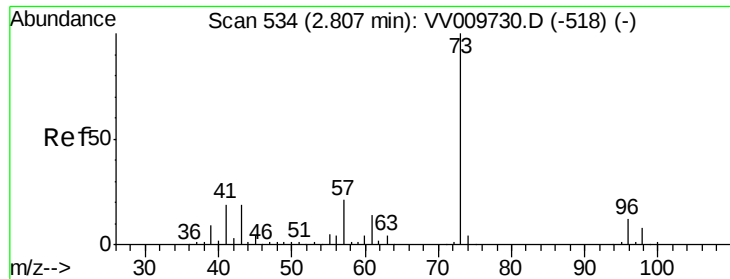
Tgt Ion: 96 Resp: 609
 Ion Ratio Lower Upper
 96 100
 61 1446.7 135.5 251.7#
 63 10697.9 100.2 186.2#



#13
 Acetone
 Concen: 5.191 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV009759.D
 Acq: 18 Mar 2019 15:22

Tgt Ion: 43 Resp: 2737
 Ion Ratio Lower Upper
 43 100
 58 33.2 0.0 67.8





#18

Methyl tert-butyl Ether

Concen: 0.544 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV009759.D

Acq: 18 Mar 2019 15:22

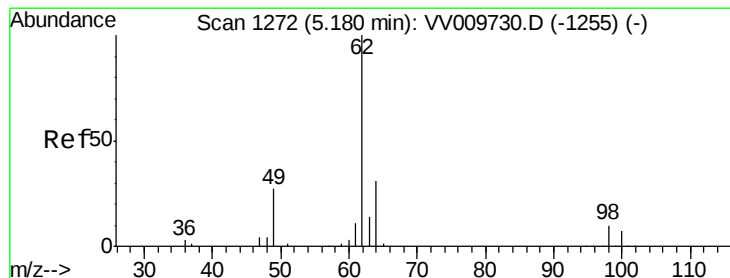
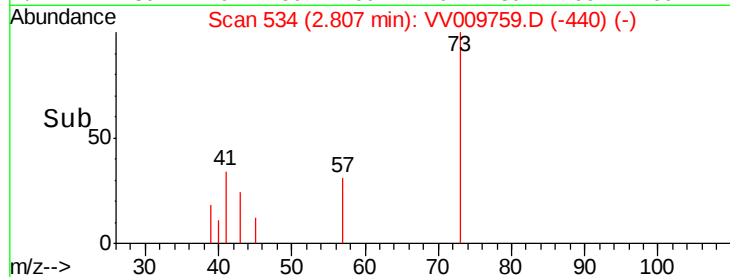
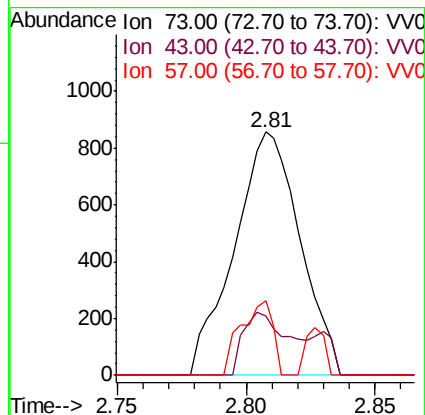
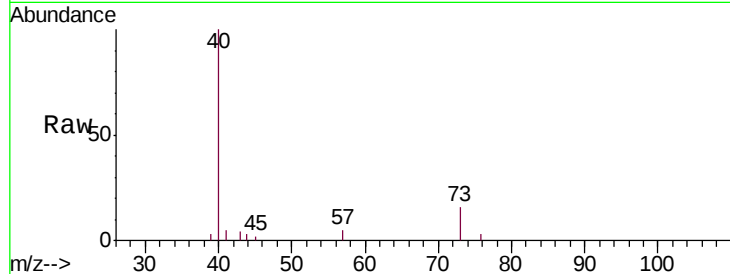
Instrument :

MSVOA_V

ClientSampled :

C09A4

Tgt Ion:	73.00	Resp:	1522
Ion	Ratio	Lower	Upper
73	100		
43	18.3	15.2	22.8
57	10.8	17.1	25.7#



#27

1,2-Dichloroethane

Concen: 0.765 ug/L

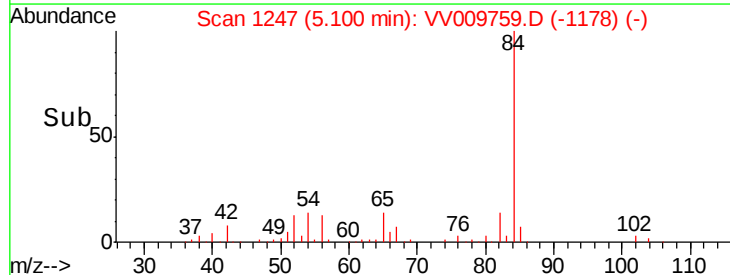
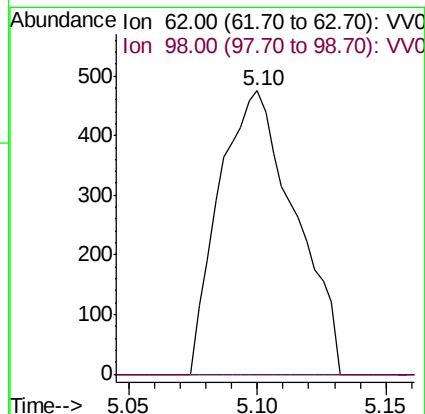
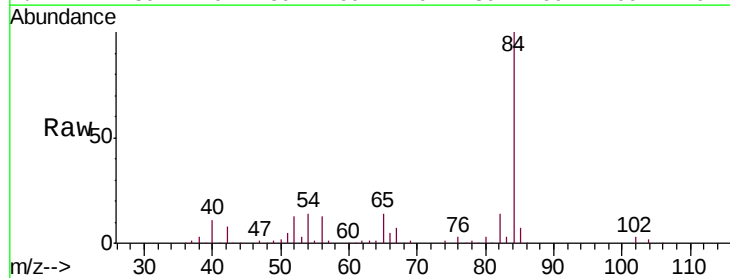
RT: 5.10 min Scan# 1247

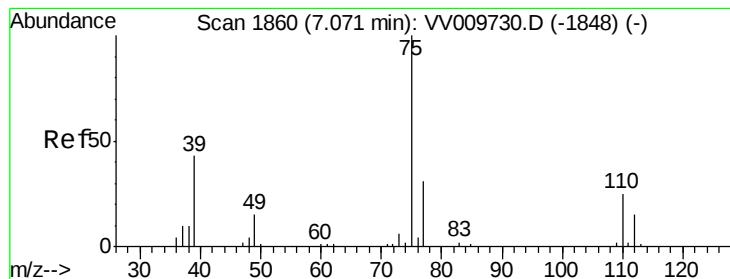
Delta R.T. -0.08 min

Lab File: VV009759.D

Acq: 18 Mar 2019 15:22

Tgt Ion:	62.00	Resp:	974
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.6#



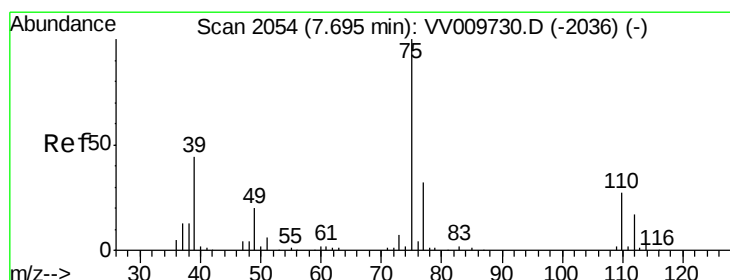
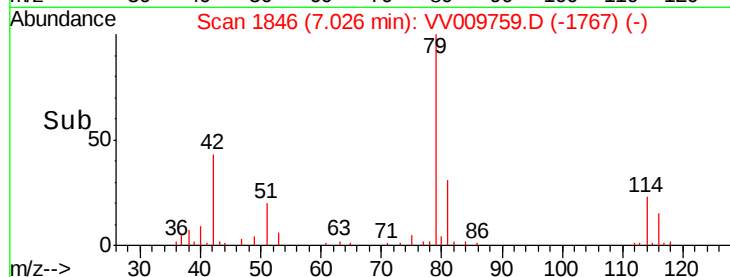
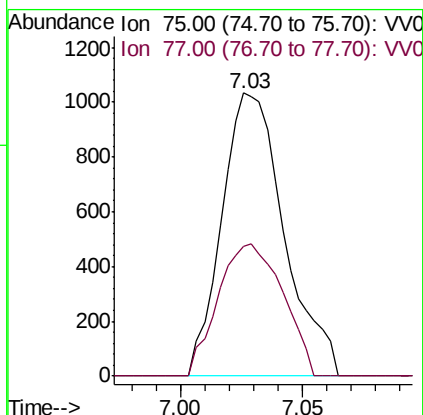
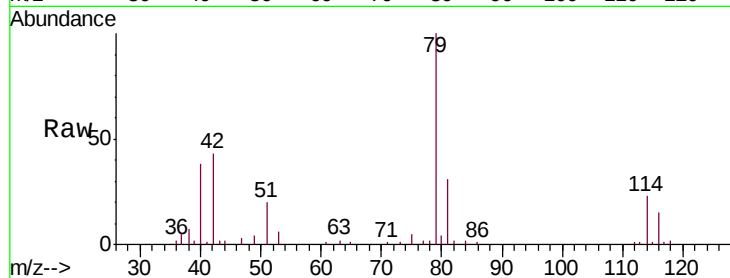


#39

cis-1,3-Dichloropropene
Concen: 1.325 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009759.D
Acq: 18 Mar 2019 15:22

Instrument :
MSVOA_V
ClientSampleId :
C09A4

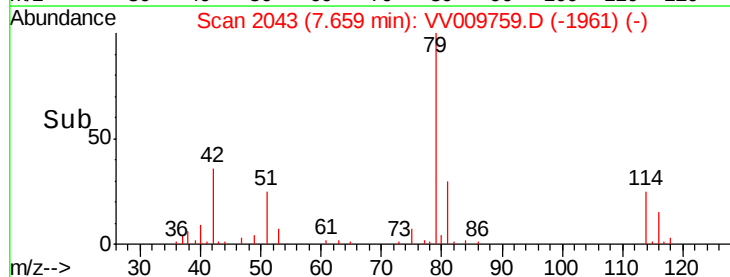
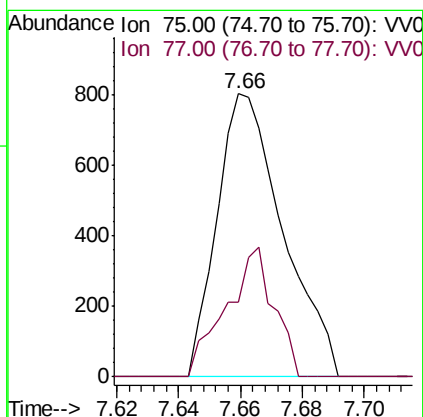
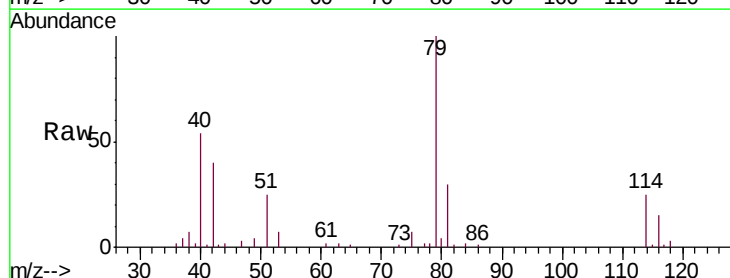
Tgt Ion: 75 Resp: 1833
Ion Ratio Lower Upper
75 100
77 45.8 22.4 41.6#

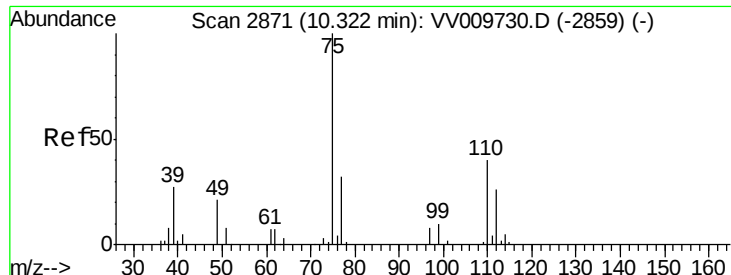


#44

trans-1,3-Dichloropropene
Concen: 0.909 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.04 min
Lab File: VV009759.D
Acq: 18 Mar 2019 15:22

Tgt Ion: 75 Resp: 1191
Ion Ratio Lower Upper
75 100
77 26.3 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 5.111 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009759.D

Acq: 18 Mar 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

C09A4

Tgt Ion: 75 Resp: 6092

Ion Ratio Lower Upper

75 100

77 39.9 26.2 39.4#

