

Data File : VV009757.D
Acq On : 18 Mar 2019 14:34
Operator : SY/MD
Sample : K1918-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09A1

Quant Time: Mar 19 04:33:10 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	140203	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52523	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45243	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.72%
7) Chloroethane-d5	1.56	69	36951	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.96%
11) 1,1-Dichloroethene-d2	2.13	63	76612	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
21) 2-Butanone-d5	3.93	46	55524	98.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.61%
24) Chloroform-d	4.40	84	85192	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
26) 1,2-Dichloroethane-d4	5.08	65	53346	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
32) Benzene-d6	5.10	84	180501	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.58%
36) 1,2-Dichloropropane-d6	6.12	67	52966	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.80%
41) Toluene-d8	7.36	98	169101	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%
43) trans-1,3-Dichloropropene-	7.66	79	23901	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.18%
47) 2-Hexanone-d5	8.13	63	40967	95.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.77%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	75145	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.68	152	55363	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%

Target Compounds

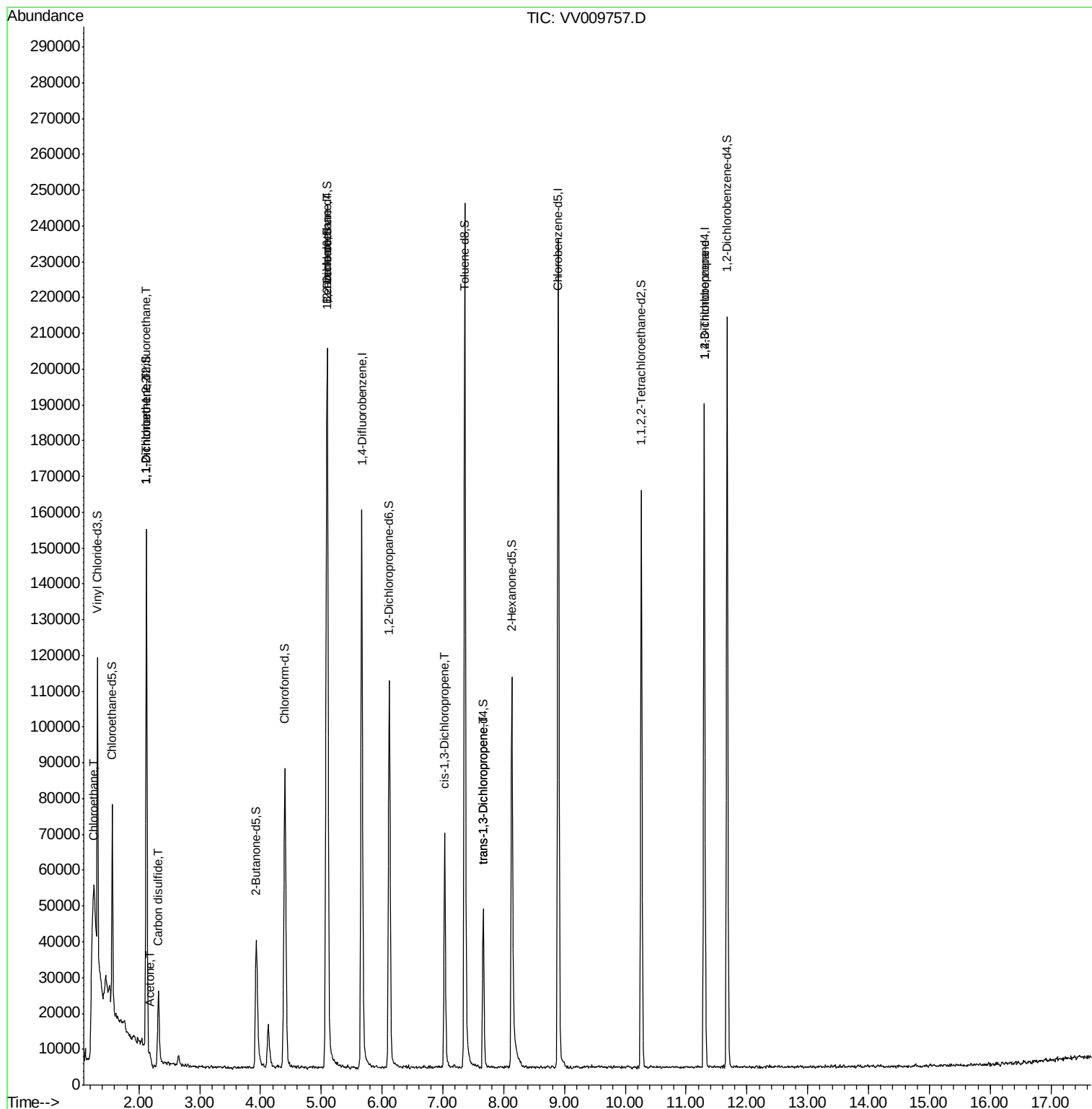
						Qvalue
8) Chloroethane	1.26	64	151017	238.698	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	549	0.569	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	659	0.788	ug/L #	1
13) Acetone	2.19	43	1493	2.800	ug/L	81
14) Carbon disulfide	2.32	76	1466	0.601	ug/L #	78
27) 1,2-Dichloroethane	5.10	62	1098	0.852	ug/L #	74
39) cis-1,3-Dichloropropene	7.03	75	1784	1.270	ug/L #	60
44) trans-1,3-Dichloropropene	7.66	75	1247	0.938	ug/L	90
59) 1,2,3-Trichloropropane	11.30	75	6830	5.646	ug/L	96

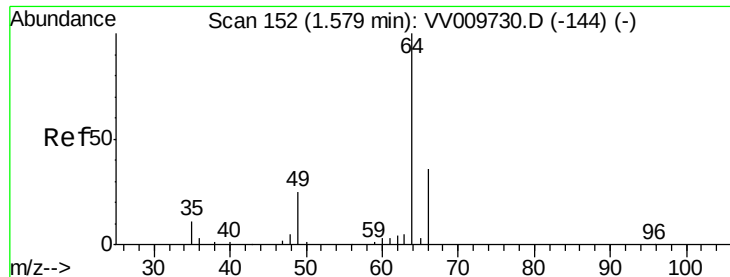
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 238.698 ug/L

RT: 1.26 min Scan# 53

Delta R.T. -0.32 min

Lab File: VV009757.D

Acq: 18 Mar 2019 14:34

Instrument :

MSVOA_V

ClientSampleId :

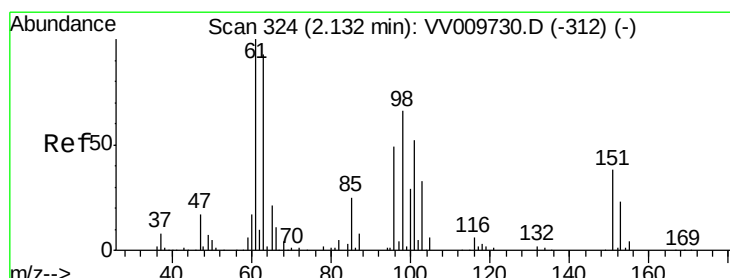
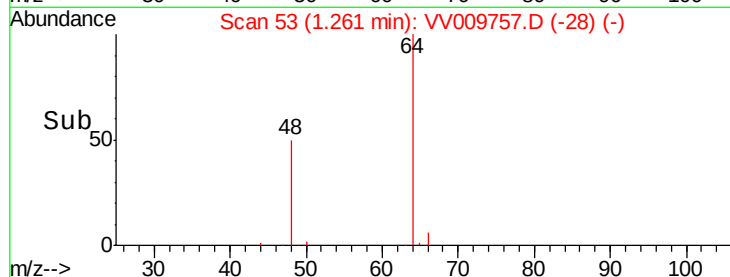
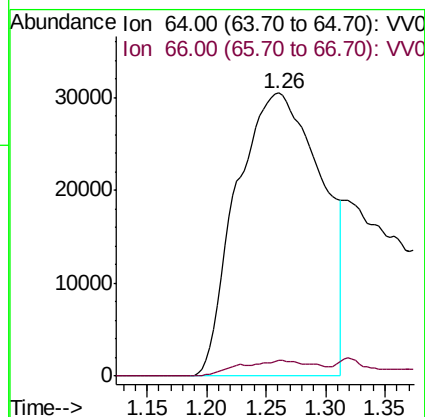
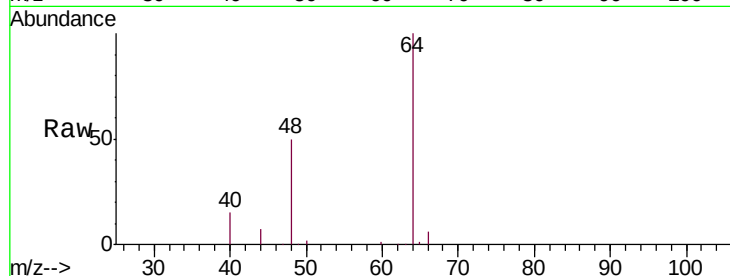
C09A1

Tgt Ion: 64 Resp: 151017

Ion Ratio Lower Upper

64 100

66 5.7 24.5 45.5#



#10

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

Concen: 0.569 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009757.D

Acq: 18 Mar 2019 14:34

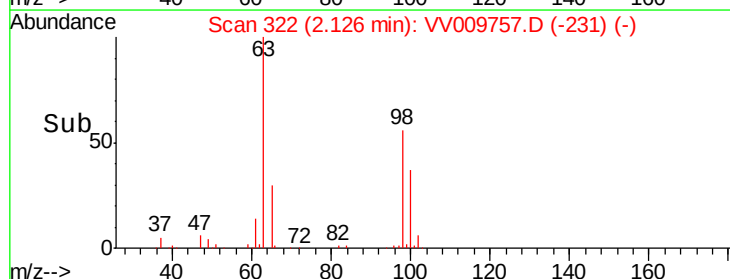
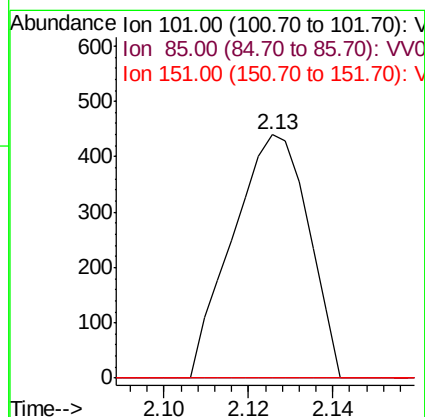
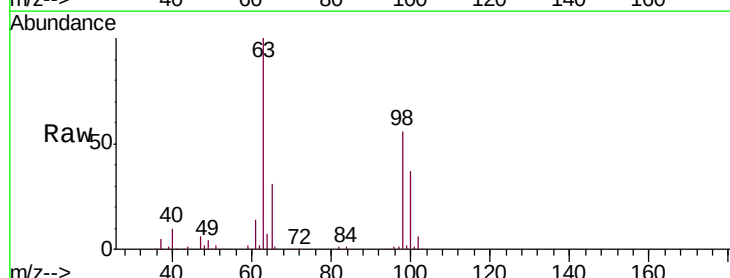
Tgt Ion: 101 Resp: 549

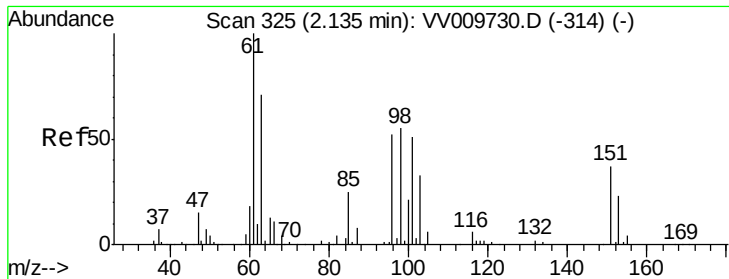
Ion Ratio Lower Upper

101 100

85 0.0 38.5 57.7#

151 0.0 58.9 88.3#

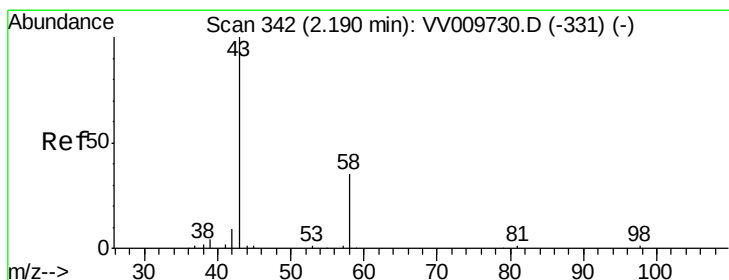
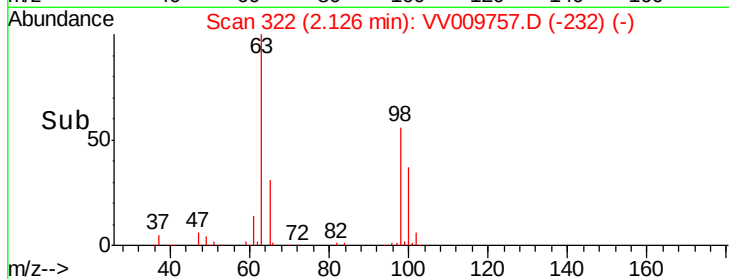
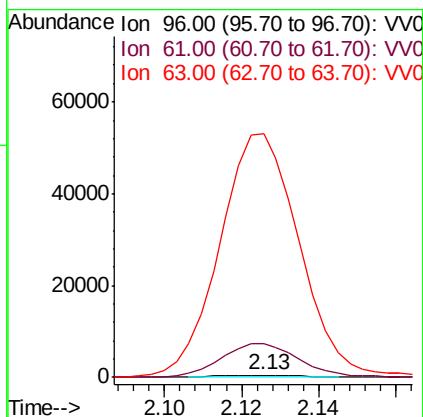
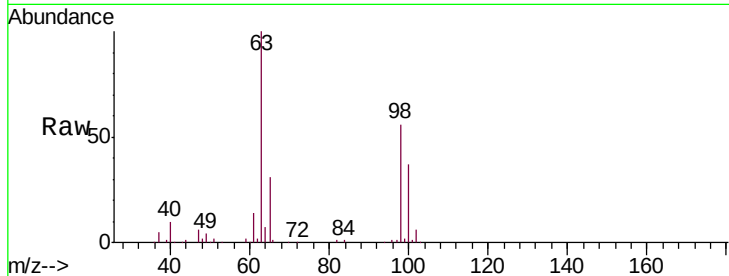




#12
 1,1-Dichloroethene
 Concen: 0.788 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV009757.D
 Acq: 18 Mar 2019 14:34

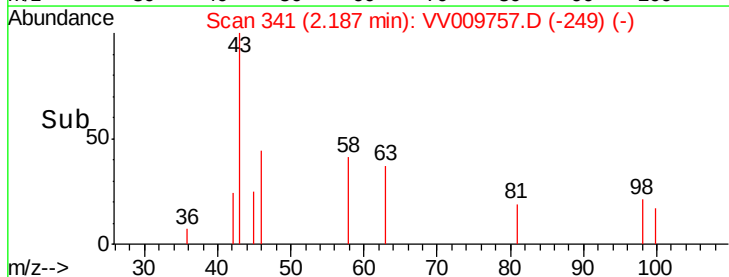
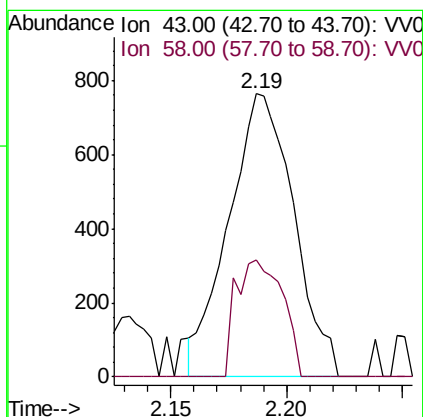
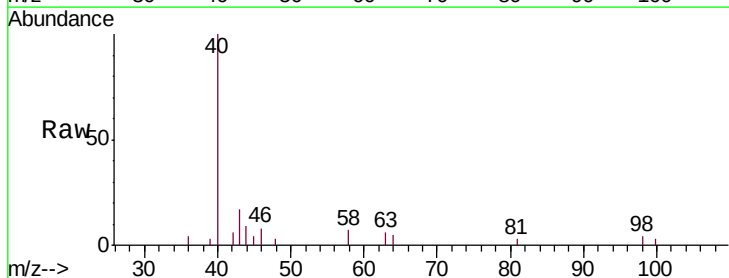
Instrument :
 MSVOA_V
 ClientSampleId :
 C09A1

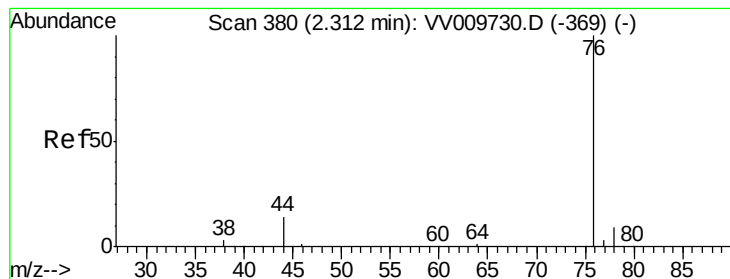
Tgt Ion: 96 Resp: 659
 Ion Ratio Lower Upper
 96 100
 61 1519.8 135.5 251.7#
 63 10958.7 100.2 186.2#



#13
 Acetone
 Concen: 2.800 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VV009757.D
 Acq: 18 Mar 2019 14:34

Tgt Ion: 43 Resp: 1493
 Ion Ratio Lower Upper
 43 100
 58 22.9 0.0 67.8





#14

Carbon disulfide

Concen: 0.601 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV009757.D

Acq: 18 Mar 2019 14:34

Instrument :

MSVOA_V

ClientSampled :

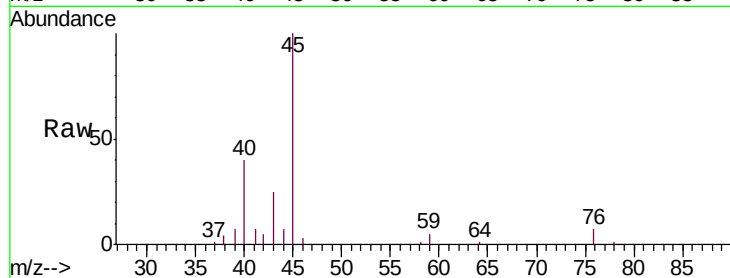
C09A1

Tgt Ion: 76 Resp: 1466

Ion Ratio Lower Upper

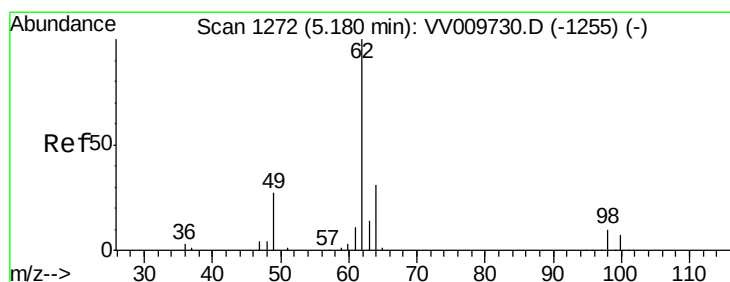
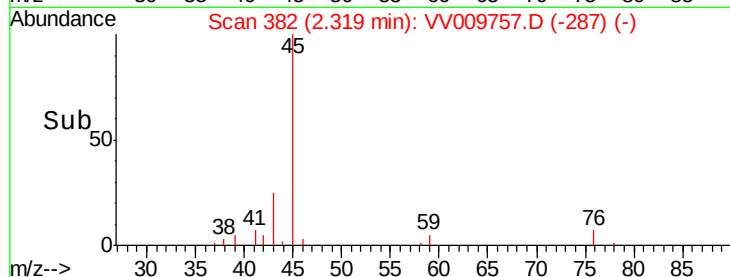
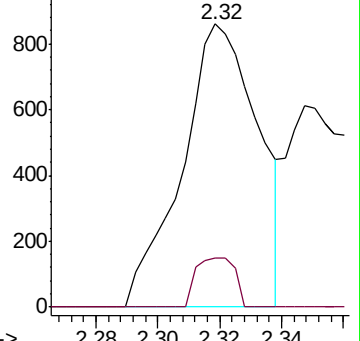
76 100

78 17.4 7.4 11.2#



Abundance Ion 76.00 (75.70 to 76.70): VV009730.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV009730.D (-369) (-)



#27

1,2-Dichloroethane

Concen: 0.852 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV009757.D

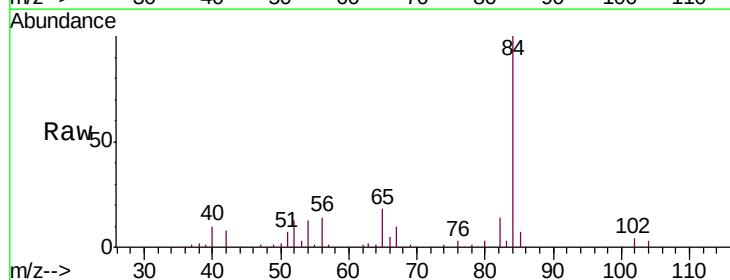
Acq: 18 Mar 2019 14:34

Tgt Ion: 62 Resp: 1098

Ion Ratio Lower Upper

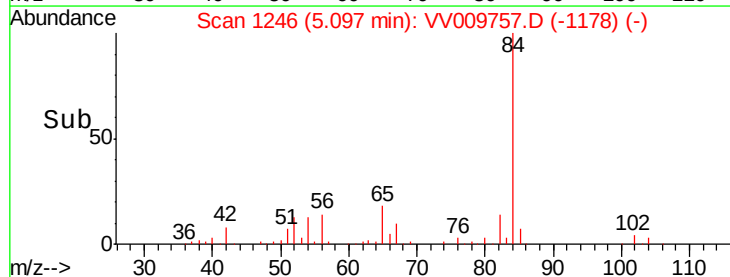
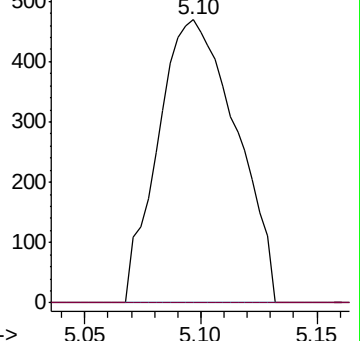
62 100

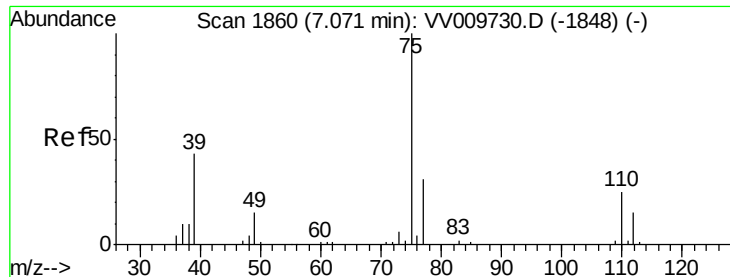
98 0.0 7.8 11.6#



Abundance Ion 62.00 (61.70 to 62.70): VV009730.D (-1255) (-)

Ion 98.00 (97.70 to 98.70): VV009730.D (-1255) (-)

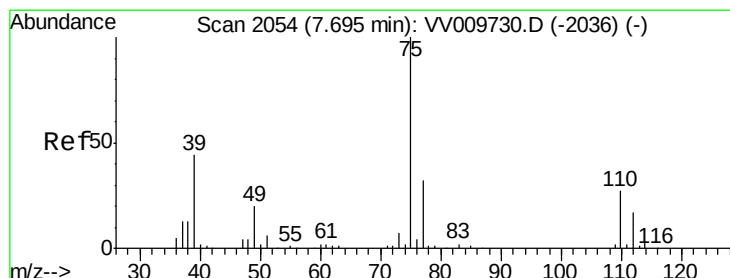
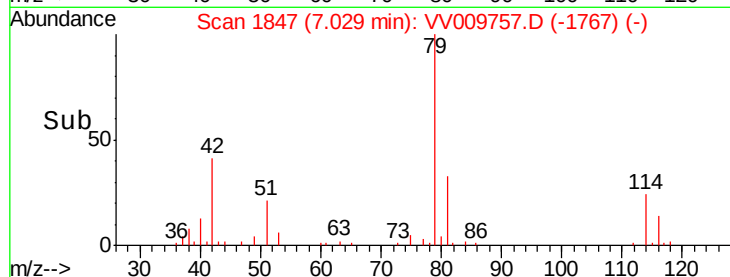
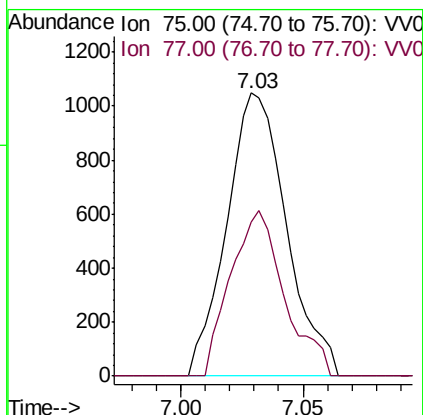
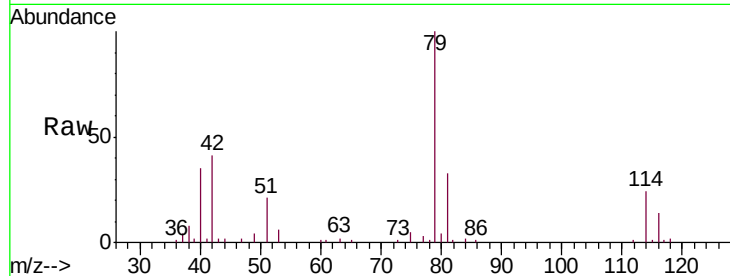




#39
 cis-1,3-Dichloropropene
 Concen: 1.270 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009757.D
 Acq: 18 Mar 2019 14:34

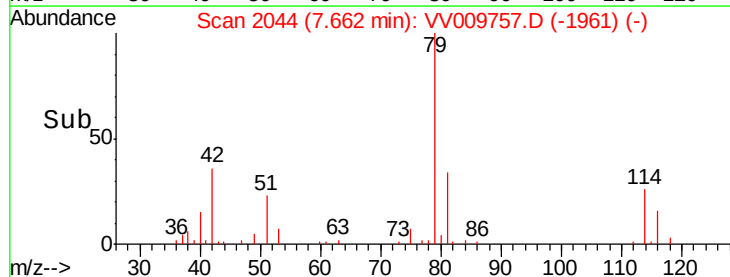
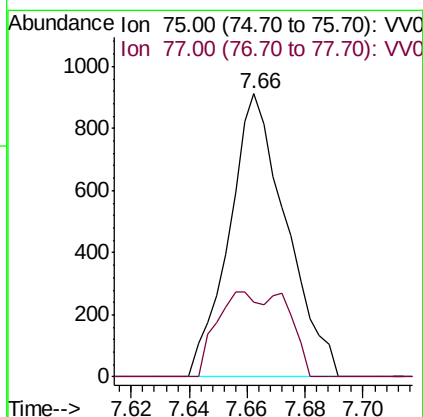
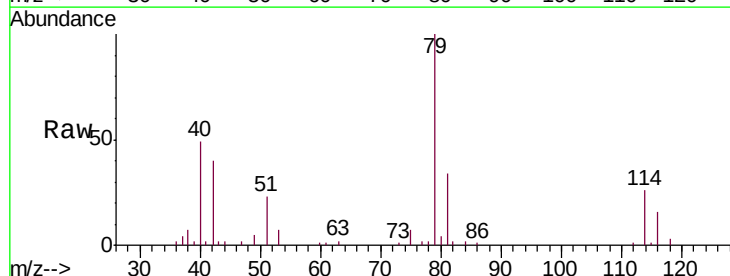
Instrument :
 MSVOA_V
 ClientSampleId :
 C09A1

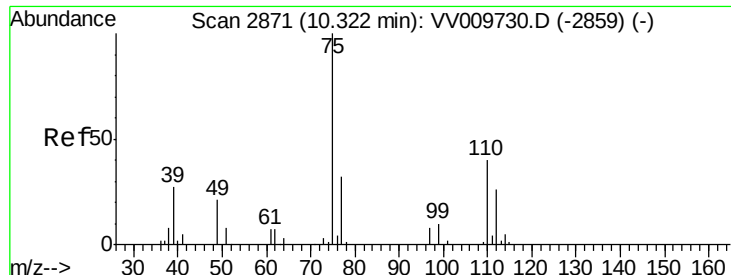
Tgt Ion: 75 Resp: 1784
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.4 41.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.938 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009757.D
 Acq: 18 Mar 2019 14:34

Tgt Ion: 75 Resp: 1247
 Ion Ratio Lower Upper
 75 100
 77 26.5 22.5 41.7





#59
 1,2,3-Trichloropropane
 Concen: 5.646 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009757.D
 Acq: 18 Mar 2019 14:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C09A1

Tgt Ion: 75 Resp: 6830
 Ion Ratio Lower Upper
 75 100
 77 35.1 26.2 39.4

