

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072419\
 Data File : VV012009.D
 Acq On : 24 Jul 2019 14:23
 Operator : SY/MD
 Sample : K3890-03DL 5X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52S1DL

Quant Time: Jul 25 05:25:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 25 04:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144635	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140009	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25540	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.59	69	21005	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.00%
11) 1,1-Dichloroethene-d2	2.14	63	42431	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.94	46	82101	37.36	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.72%
24) Chloroform-d	4.40	84	68081	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.00%#
26) 1,2-Dichloroethane-d4	5.08	65	39162	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
32) Benzene-d6	5.10	84	140632	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.00%
36) 1,2-Dichloropropane-d6	6.12	67	40454	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.40%
41) Toluene-d8	7.36	98	123345	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	7.67	79	15754	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.13	63	65321	35.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28269	3.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	52519	3.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.60%#

Target Compounds

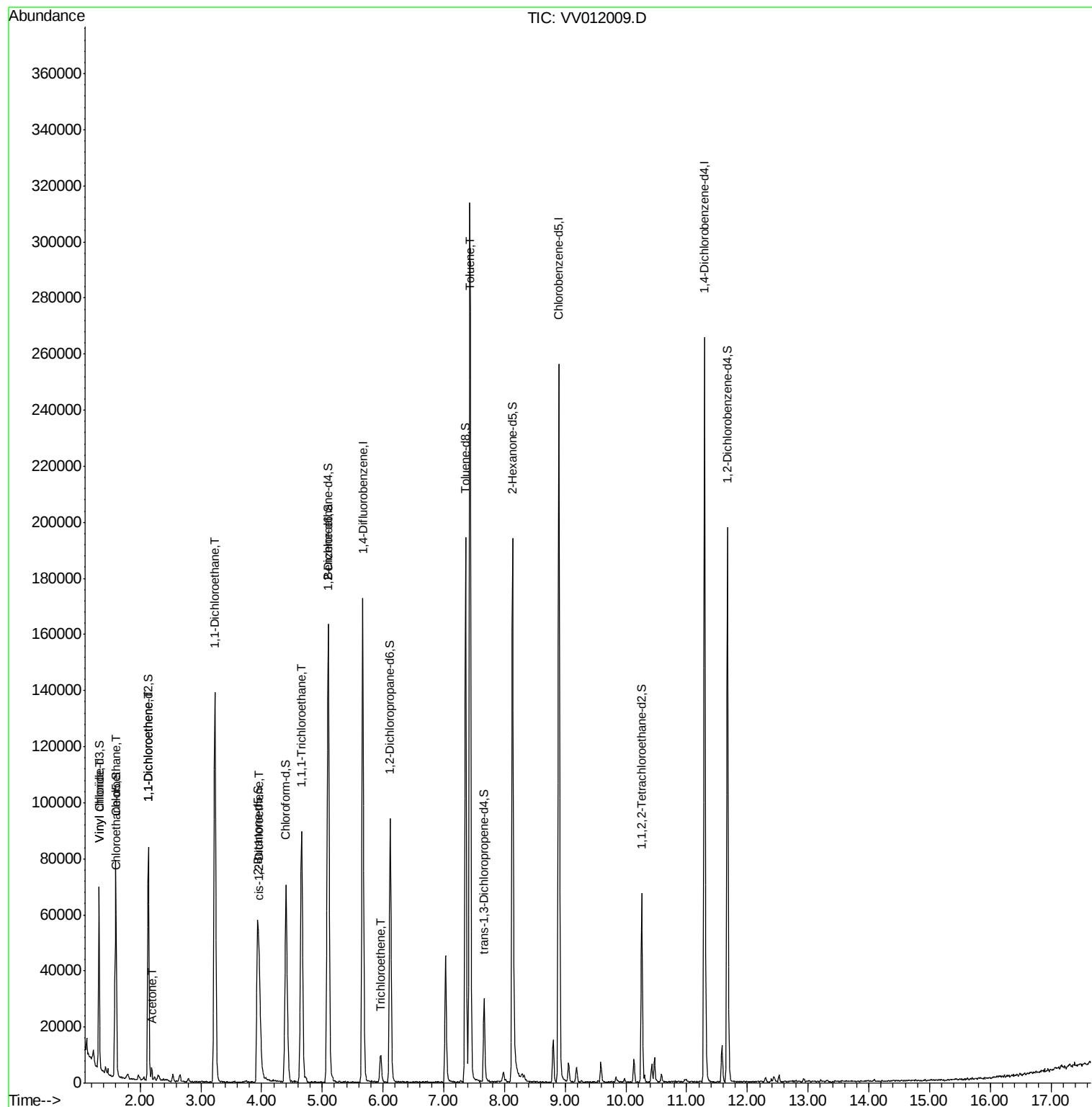
					Ovalue
5) Vinyl chloride	1.32	62	13947	1.570	ug/L 93
8) Chloroethane	1.60	64	40816	7.768	ug/L 92
12) 1,1-Dichloroethene	2.14	96	1957	0.297	ug/L # 1
13) Acetone	2.19	43	2905	2.453	ug/L 95
19) 1,1-Dichloroethane	3.23	63	134617	7.435	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	9318	0.846	ug/L 92
29) 1,1,1-Trichloroethane	4.66	97	71293	3.978	ug/L 99
34) Trichloroethene	5.96	95	3289	0.288	ug/L 90
42) Toluene	7.43	91	217856	4.928	ug/L 96

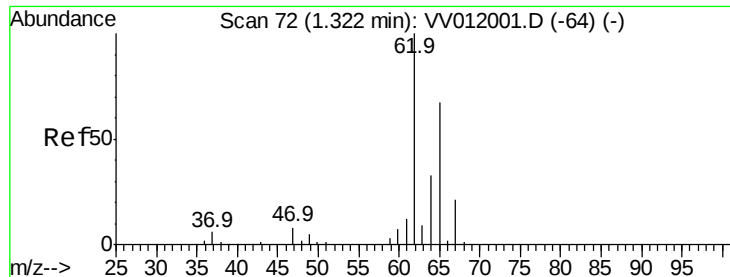
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.570 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV012009.D

Acq: 24 Jul 2019 14:23

Instrument :

MSVOA_V

ClientSampleId :

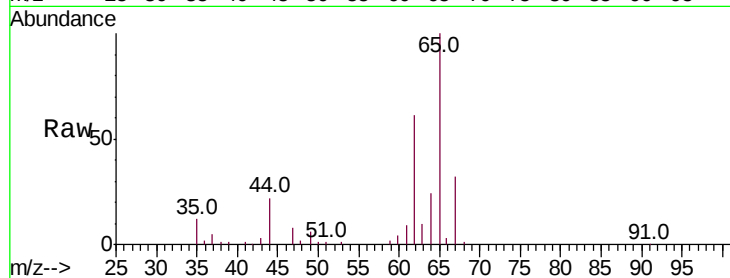
A52S1DL

Tot Ion: 62 Resp: 13947

Ion Ratio Lower Upper

62 100

64 38.6 24.3 45.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

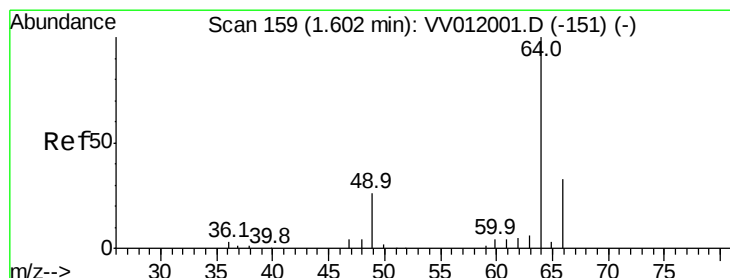
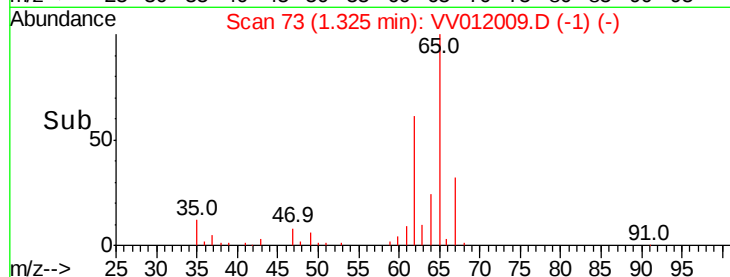
15000

10000

5000

0

Time--> 1.30 1.35



#8

Chloroethane

Concen: 7.768 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV012009.D

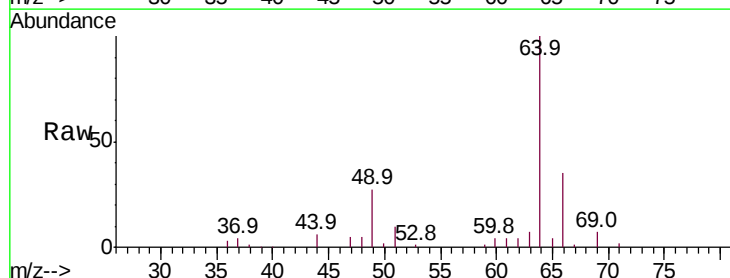
Acq: 24 Jul 2019 14:23

Tgt Ion: 64 Resp: 40816

Ion Ratio Lower Upper

64 100

66 35.4 21.8 40.6



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

40000

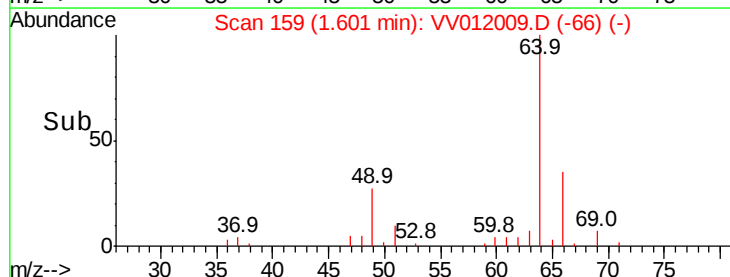
30000

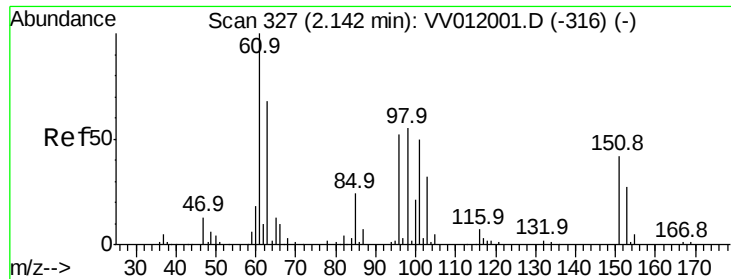
20000

10000

0

Time--> 1.55 1.60 1.65





#12

1,1-Dichloroethene

Concen: 0.297 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV012009.D

Acq: 24 Jul 2019 14:23

Instrument :
MSVOA_V
ClientSampleId :
A52S1DL

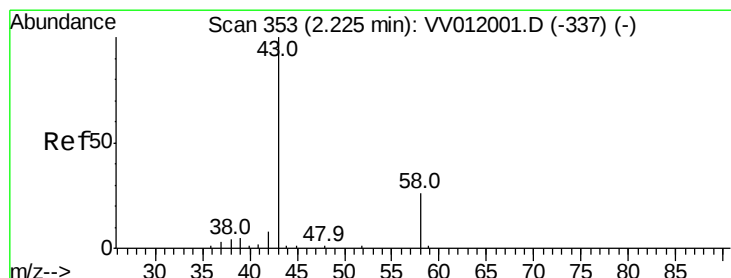
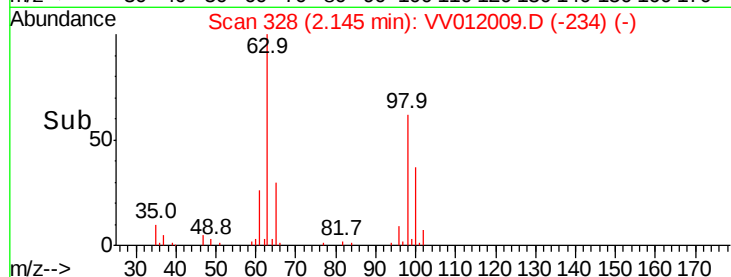
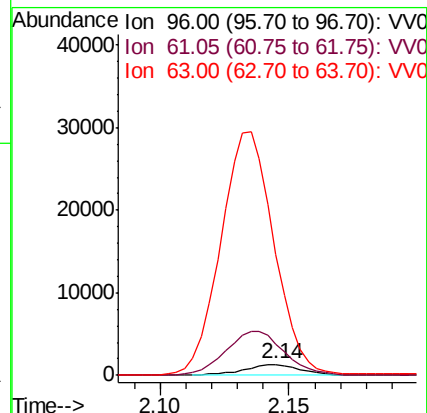
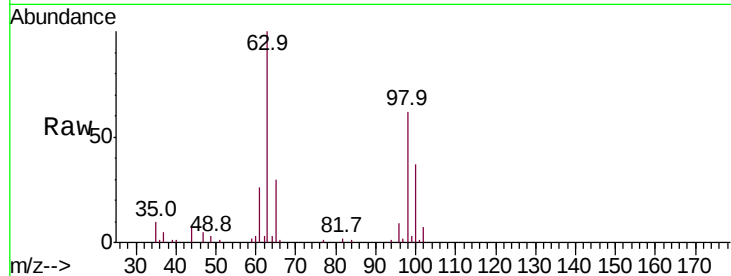
Tot Ion: 96 Resp: 1957

Ion Ratio Lower Upper

96 100

61 292.7 132.7 246.5#

63 1118.8 104.0 193.1#



#13

Acetone

Concen: 2.453 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV012009.D

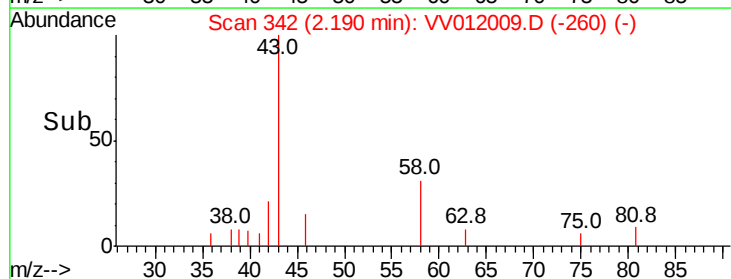
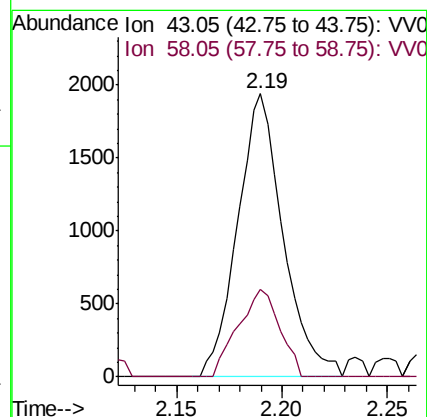
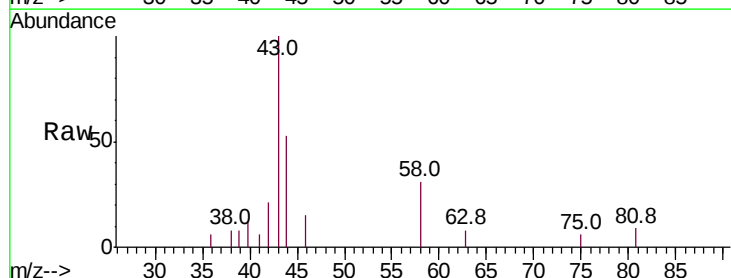
Acq: 24 Jul 2019 14:23

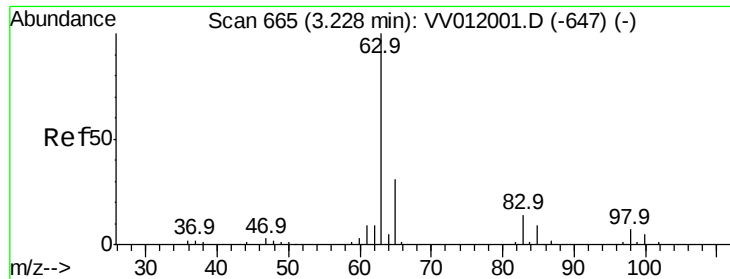
Tgt Ion: 43 Resp: 2905

Ion Ratio Lower Upper

43 100

58 28.2 0.0 51.8





#19

1,1-Dichloroethane

Concen: 7.435 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV012009.D

Acq: 24 Jul 2019 14:23

Instrument :

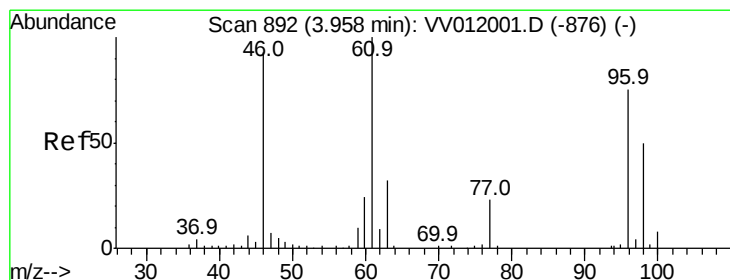
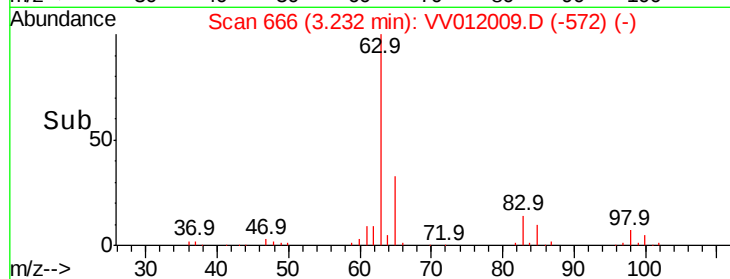
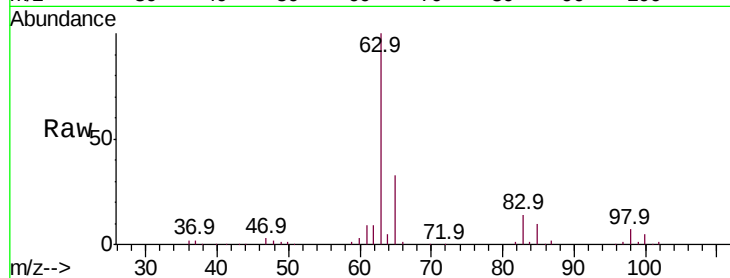
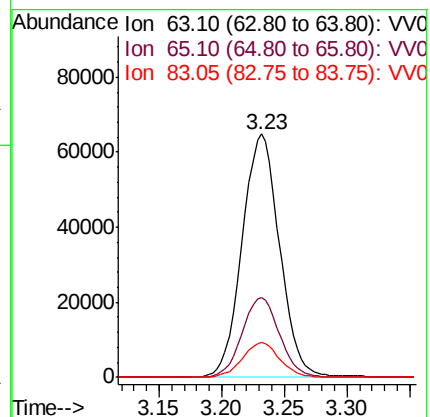
MSVOA_V

ClientSampleId :

A52S1DL

Tot Ion: 63 Resp: 134617

Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.5	43.7
83	14.2	9.7	18.1



#22

cis-1,2-Dichloroethene

Concen: 0.846 ug/L

RT: 3.96 min Scan# 894

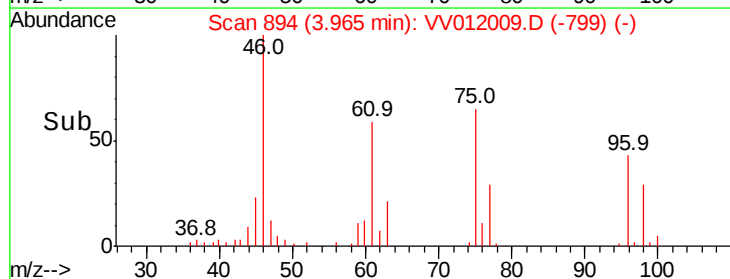
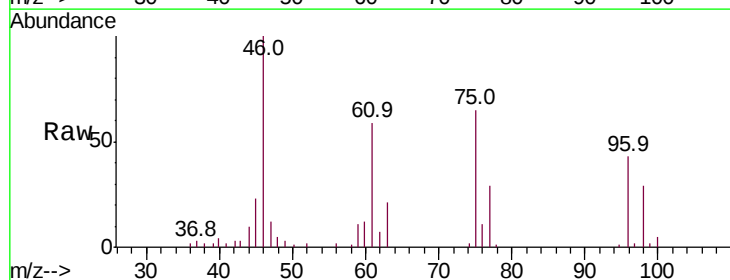
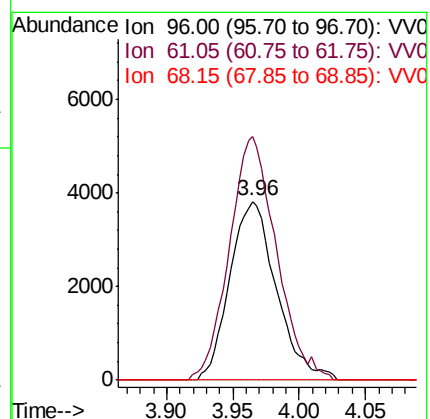
Delta R.T. 0.01 min

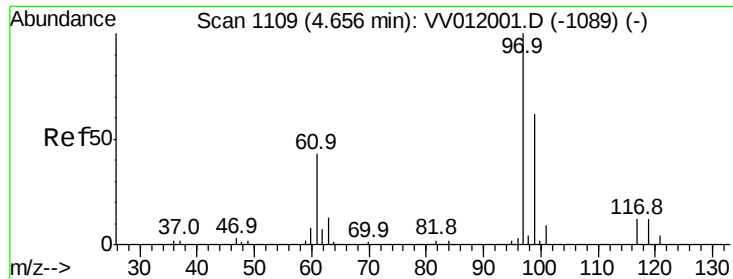
Lab File: VV012009.D

Acq: 24 Jul 2019 14:23

Tgt Ion: 96 Resp: 9318

Ion	Ratio	Lower	Upper
96	100		
61	136.5	89.0	165.2
68	0.0	0.0	0.0

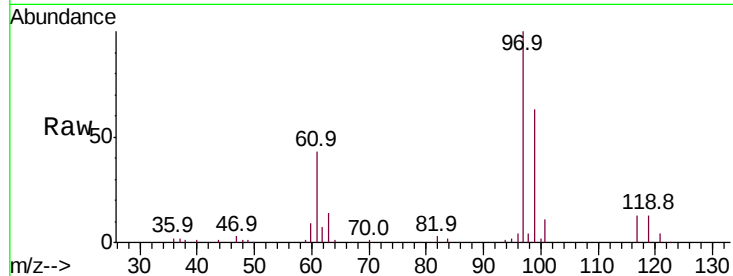




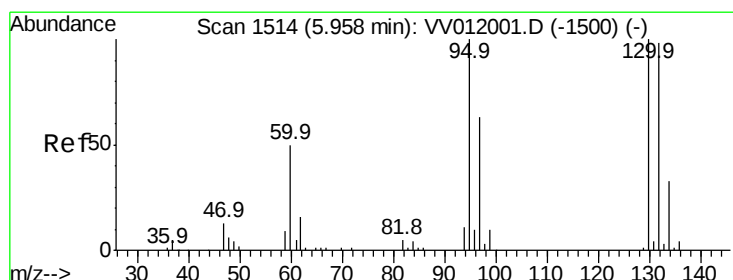
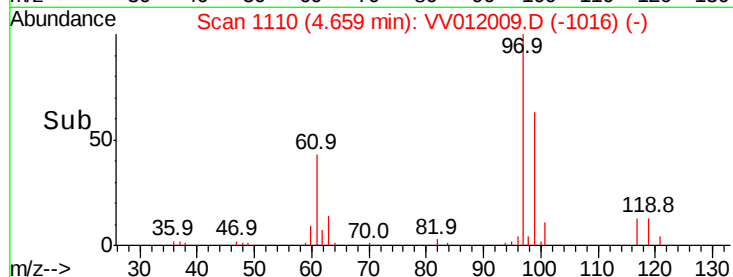
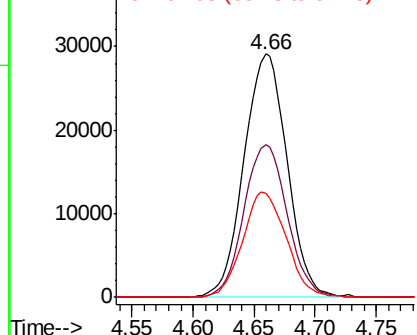
#29
1,1,1-Trichloroethane
Concen: 3.978 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Instrument :
MSVOA_V
ClientSampleId :
A52S1DL

Tot Ion: 97 Resp: 71293
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 43.5 35.1 52.7

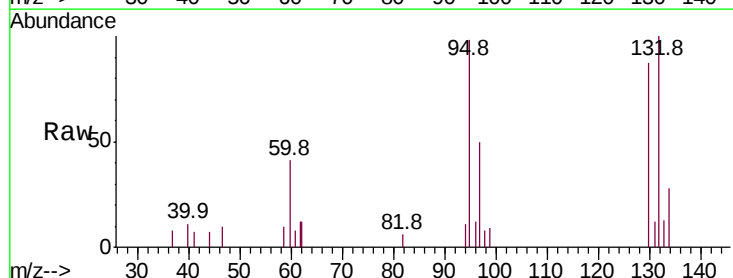


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

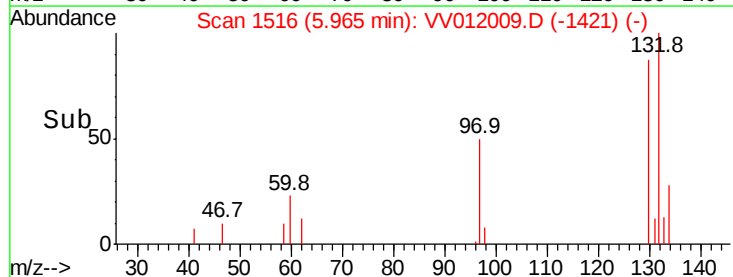
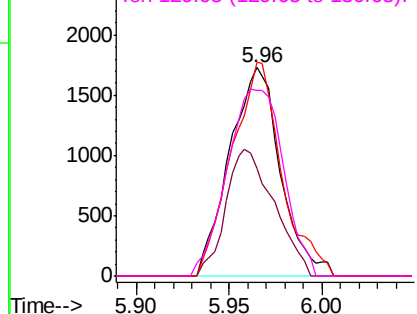


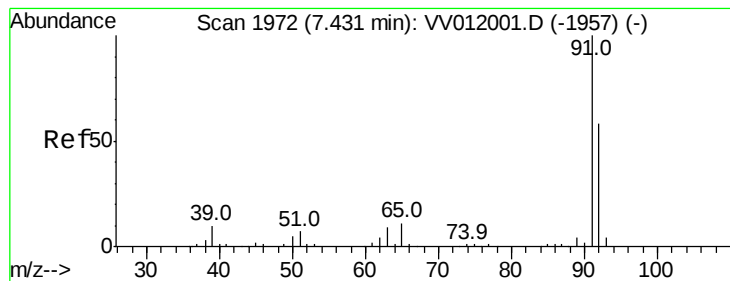
#34
Trichloroethene
Concen: 0.288 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Tgt Ion: 95 Resp: 3289
Ion Ratio Lower Upper
95 100
97 51.7 45.6 84.6
132 102.5 71.3 132.3
130 89.4 72.8 135.2



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





#42

Toluene

Concen: 4.928 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV012009.D

Acq: 24 Jul 2019 14:23

Instrument :
MSVOA_V
ClientSampleId :
A52S1DL

Tot Ion: 91 Resp: 217856

Ion Ratio Lower Upper

91 100

92 57.2 41.9 77.9

