

Data File : VV009476.D
Acq On : 04 Mar 2019 17:17
Operator : SY/MD
Sample : K1660-08DL 10X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWK00DL

Quant Time: Mar 05 04:12:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR030419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 05 04:03:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86597	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29050	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	31225	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.20%
11) 1,1-Dichloroethene-d2	2.13	63	53603	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	51524	49.93	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.86%
24) Chloroform-d	4.41	84	50634	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.09	65	26029	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	105697	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.12	67	31948	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	101146	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.67	79	12300	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.14	63	43903	50.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	21833	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	34370	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

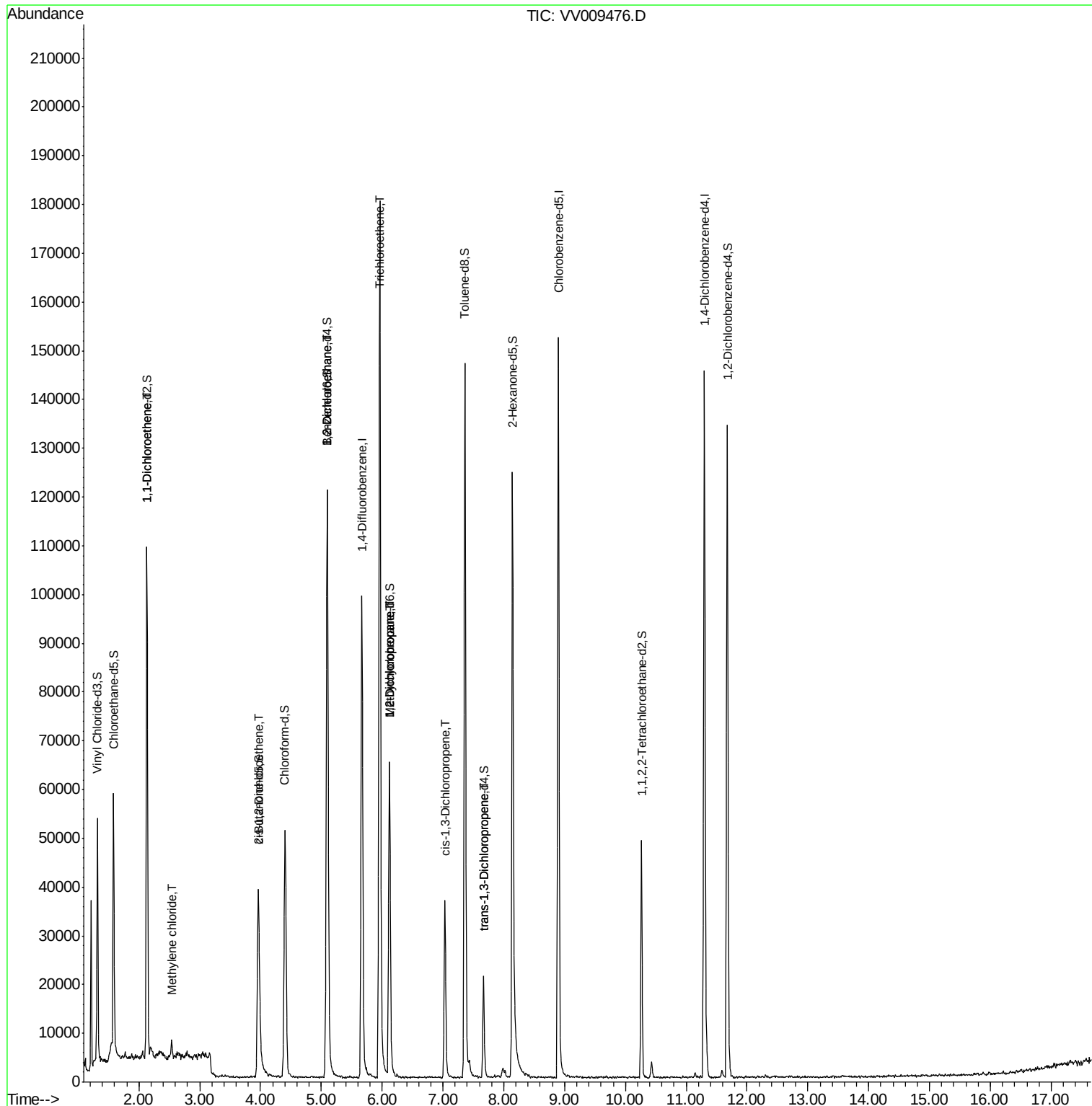
					Qvalue
12) 1,1-Dichloroethene	2.13	96	648	0.103 ug/L #	1
16) Methylene chloride	2.53	84	1109	0.151 ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	5779	0.940 ug/L	93
27) 1,2-Dichloroethane	5.10	62	701	0.111 ug/L #	75
34) Trichloroethene	5.96	95	64592	10.027 ug/L	98
35) Methylcyclohexane	6.12	83	7521	0.731 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	3593	0.648 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1157	0.133 ug/L #	70
44) trans-1,3-Dichloropropene	7.66	75	705	0.102 ug/L	95

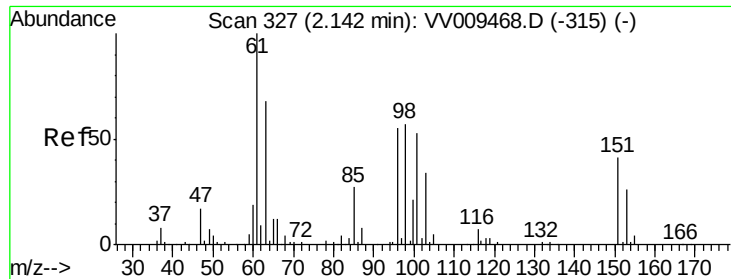
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 05 04:03:59 2019
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#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009476.D

Acq: 04 Mar 2019 17:17

Instrument :

MSVOA_V

ClientSampleId :

CWK00DL

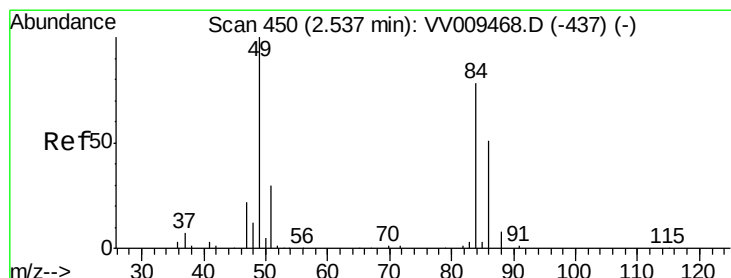
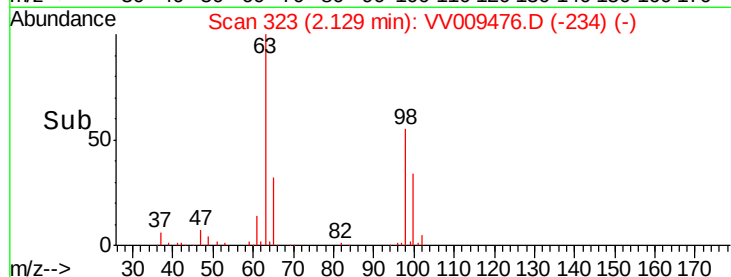
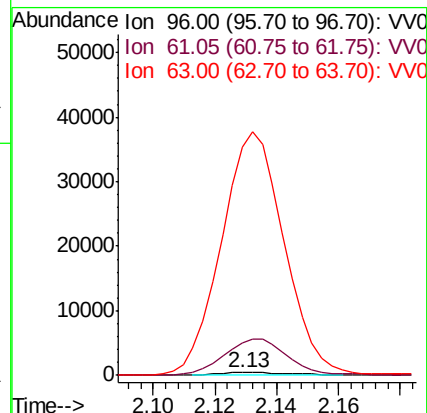
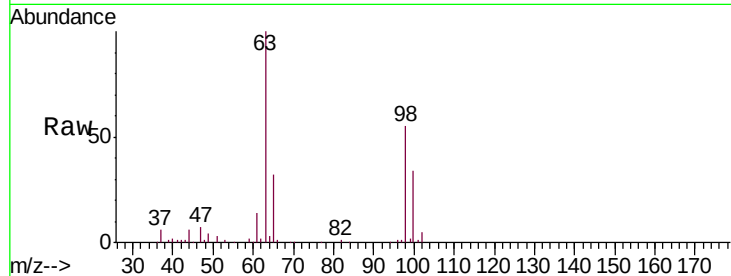
Tgt Ion: 96 Resp: 648

Ion Ratio Lower Upper

96 100

61 1193.3 127.1 236.0#

63 8507.0 88.8 164.8#



#16

Methylene chloride

Concen: 0.151 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009476.D

Acq: 04 Mar 2019 17:17

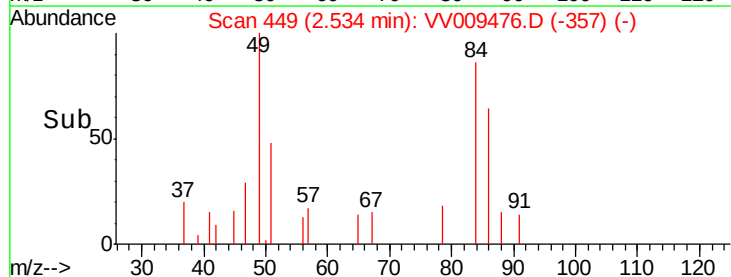
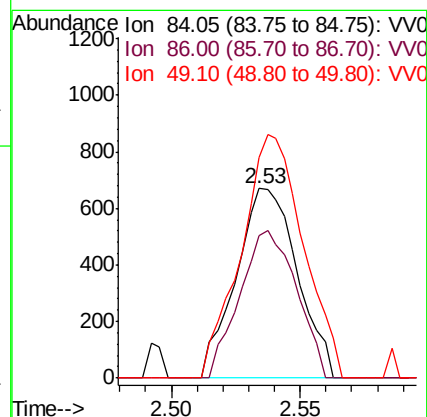
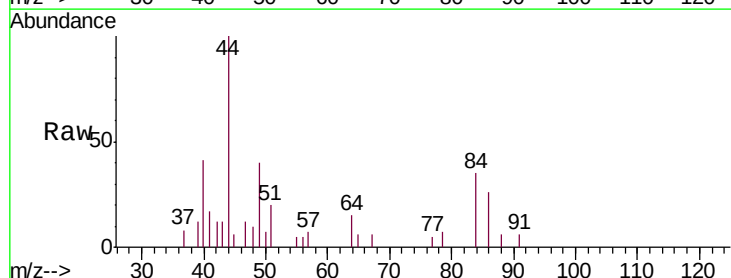
Tgt Ion: 84 Resp: 1109

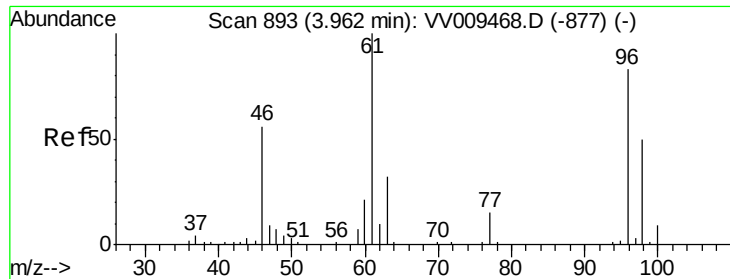
Ion Ratio Lower Upper

84 100

86 75.0 46.1 85.5

49 116.6 89.7 166.5



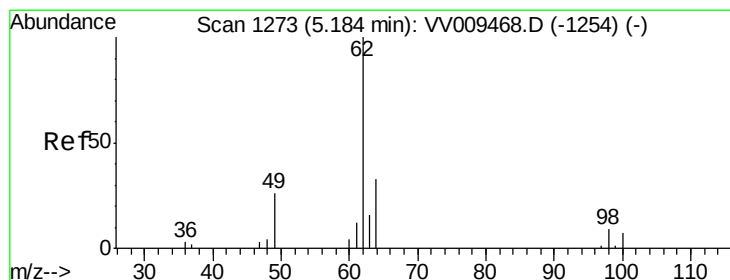
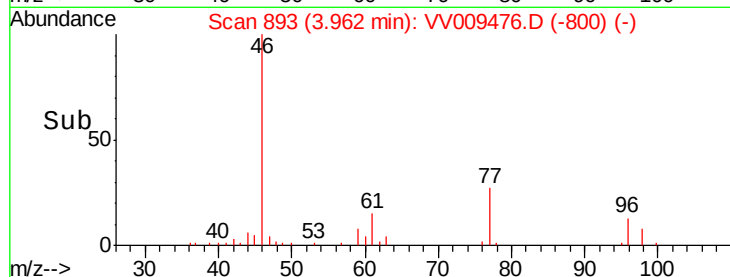
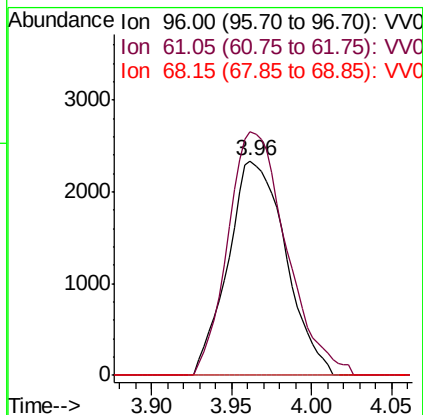
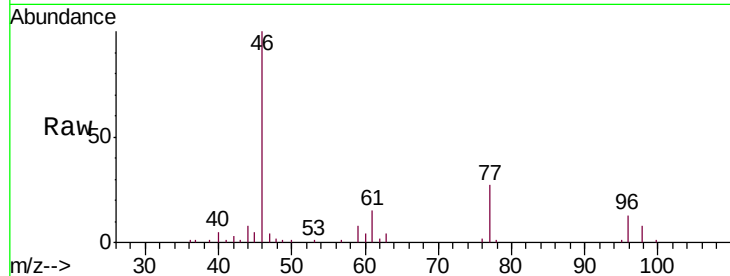


#22

cis-1,2-Dichloroethene
Concen: 0.940 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV009476.D
Acq: 04 Mar 2019 17:17

Instrument :
MSVOA_V
ClientSampleId :
CWK00DL

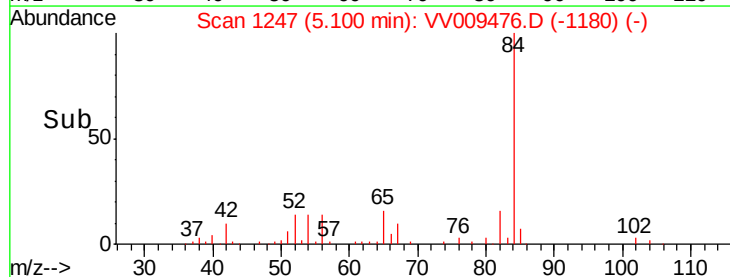
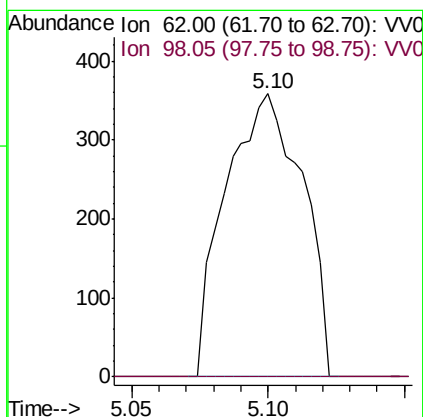
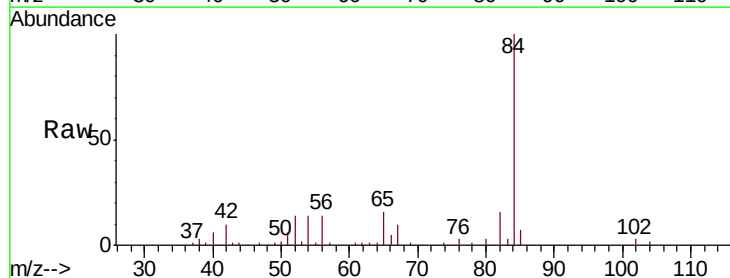
Tgt Ion: 96 Resp: 5779
Ion Ratio Lower Upper
96 100
61 113.4 84.8 157.4
68 0.0 0.0 0.0

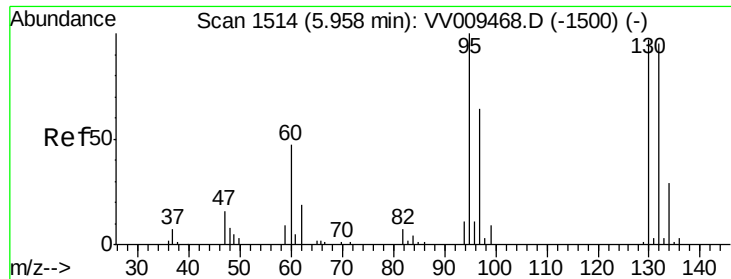


#27

1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009476.D
Acq: 04 Mar 2019 17:17

Tgt Ion: 62 Resp: 701
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#





#34

Trichloroethene

Concen: 10.027 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV009476.D

Acq: 04 Mar 2019 17:17

Instrument :

MSVOA_V

ClientSampleID :

CWK00DL

Tgt Ion: 95 Resp: 64592

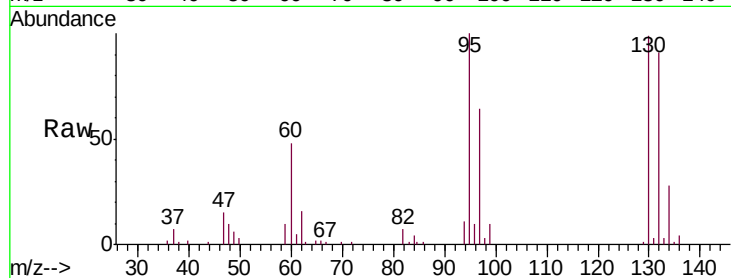
Ion Ratio Lower Upper

95 100

97 64.1 44.4 82.5

132 90.6 66.4 123.4

130 98.6 68.1 126.5



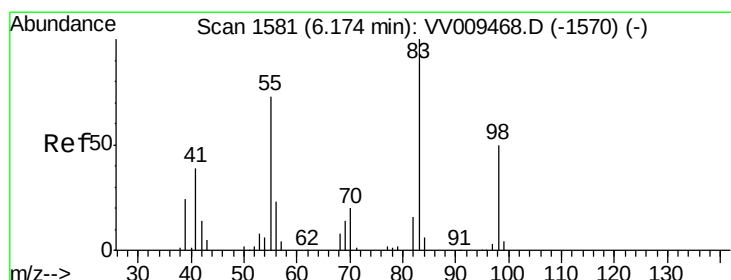
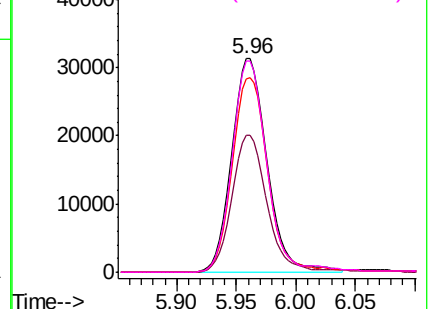
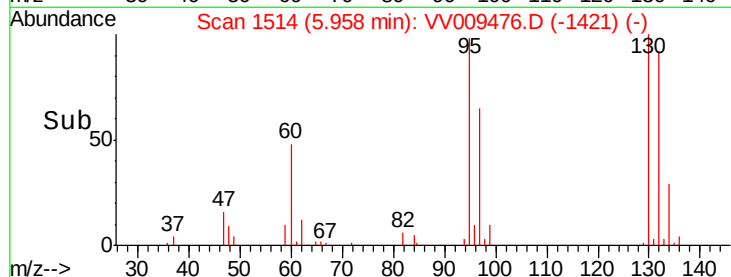
Abundance

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



#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV009476.D

Acq: 04 Mar 2019 17:17

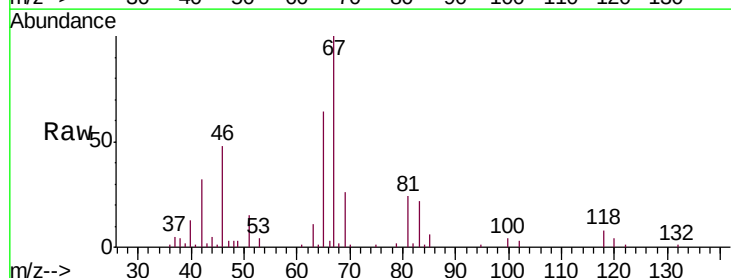
Tgt Ion: 83 Resp: 7521

Ion Ratio Lower Upper

83 100

55 0.3 57.4 86.2#

98 3.0 38.9 58.3#

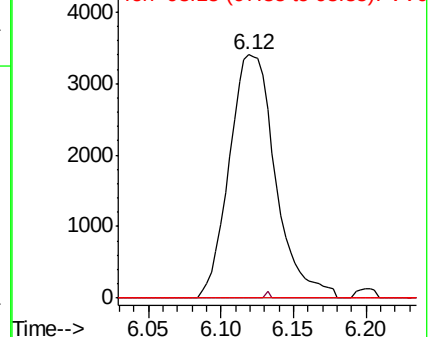
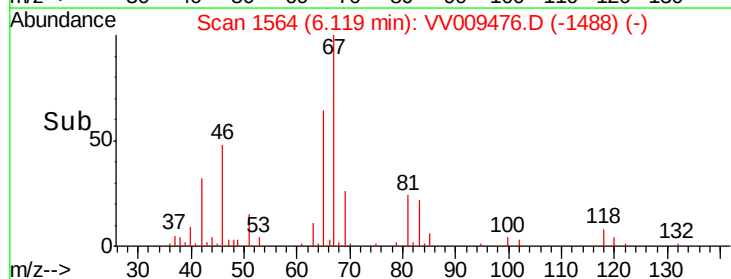


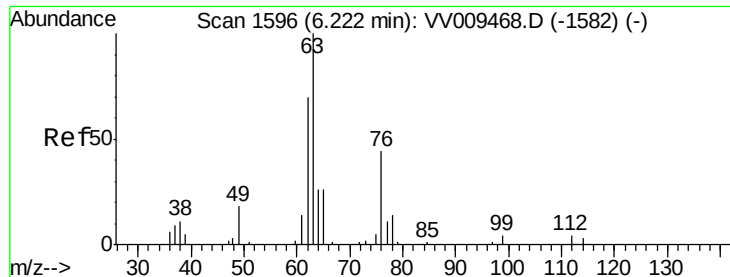
Abundance

Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

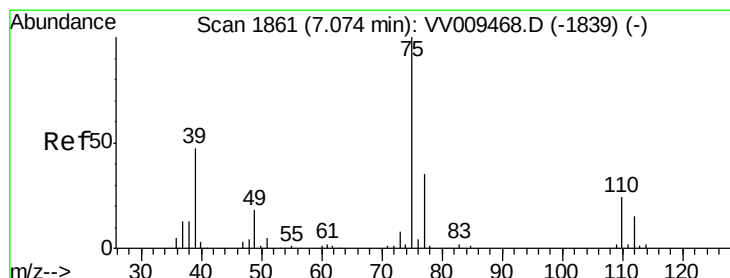
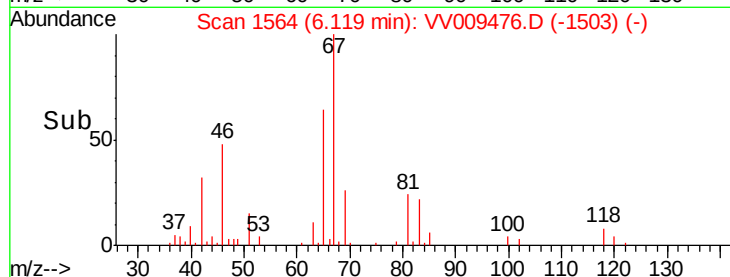
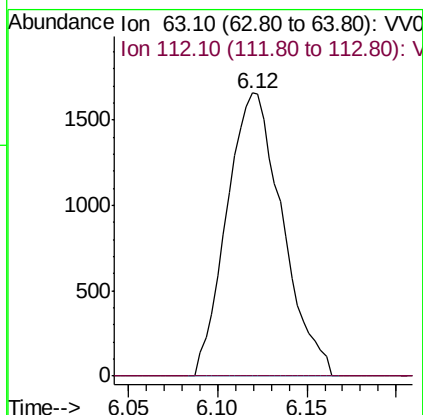
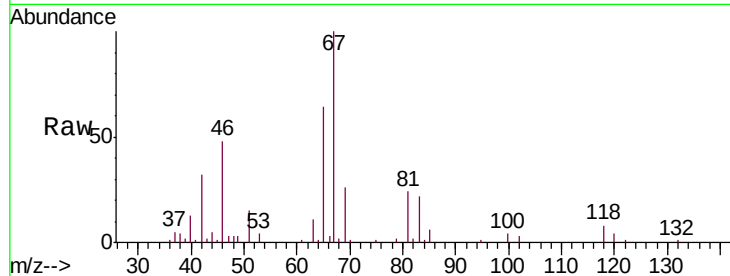




#37
 1,2-Dichloropropane
 Concen: 0.648 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009476.D
 Acq: 04 Mar 2019 17:17

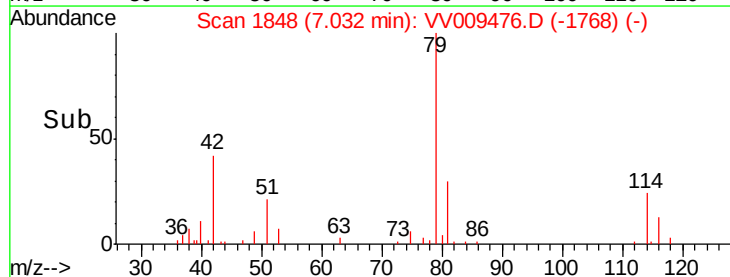
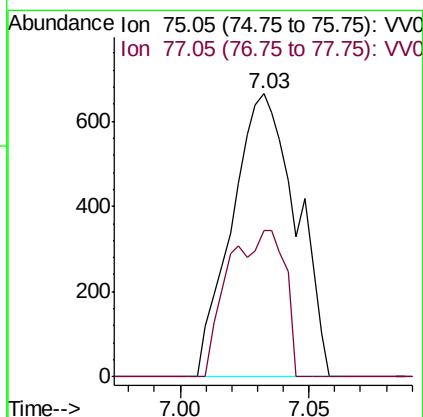
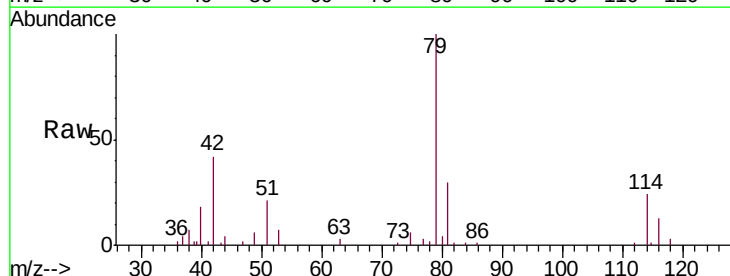
Instrument :
 MSVOA_V
 ClientSampleID :
 CWK00DL

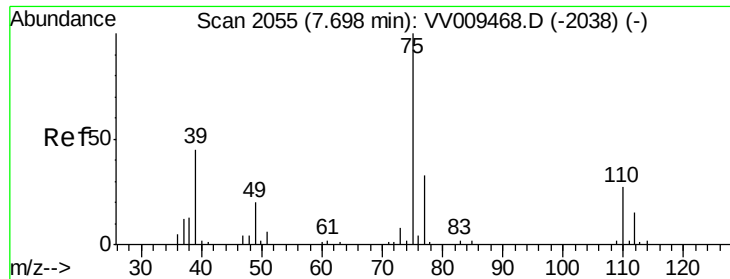
Tgt Ion: 63 Resp: 3593
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.133 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009476.D
 Acq: 04 Mar 2019 17:17

Tgt Ion: 75 Resp: 1157
 Ion Ratio Lower Upper
 75 100
 77 51.8 24.1 44.8#





#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.04 min

Lab File: VV009476.D

Acq: 04 Mar 2019 17:17

Instrument :

MSVOA_V

ClientSampleId :

CWK00DL

Tgt Ion: 75 Resp: 705

Ion Ratio Lower Upper

75 100

77 35.3 22.7 42.3

