

Data File : VV008963.D
Acq On : 15 Dec 2018 04:39
Operator : SY/MD
Sample : J6369-17
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLA1

Quant Time: Dec 15 05:48:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202203	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187691	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46680	39.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.06%
7) Chloroethane-d5	1.57	69	38116	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.58%
11) 1,1-Dichloroethene-d2	2.13	63	96767	34.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.40%
21) 2-Butanone-d5	3.93	46	86925	110.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.25%
24) Chloroform-d	4.41	84	118156	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	80463	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
32) Benzene-d6	5.10	84	243049	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
36) 1,2-Dichloropropane-d6	6.12	67	73720	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.36	98	224726	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%
43) trans-1,3-Dichloropropene-	7.67	79	33613	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.22%
47) 2-Hexanone-d5	8.14	63	56583	100.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.59%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90920	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	79437	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.13	101	864	0.383 ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	894	0.648 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	789	0.628 ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1397	0.719 ug/L #	74
33) Benzene	5.10	78	2193	0.424 ug/L	100
35) Methylcyclohexane	6.12	83	18385	8.301 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8098	6.054 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2246	1.053 ug/L #	64
44) trans-1,3-Dichloropropene	7.66	75	1452	0.730 ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	8762	5.202 ug/L	92

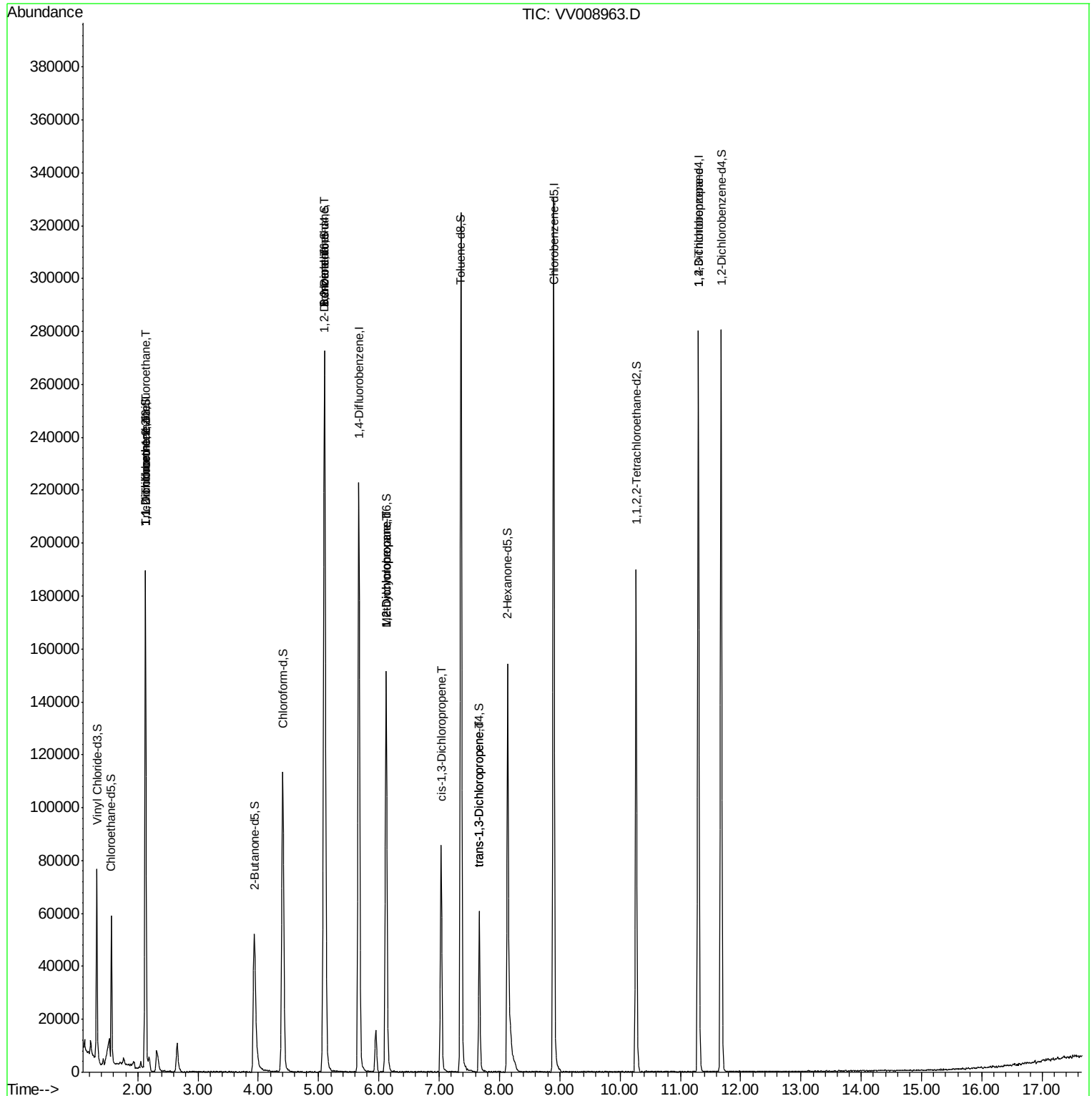
(#) = qualifier out of range (m) = manual integration (+) = signals summed

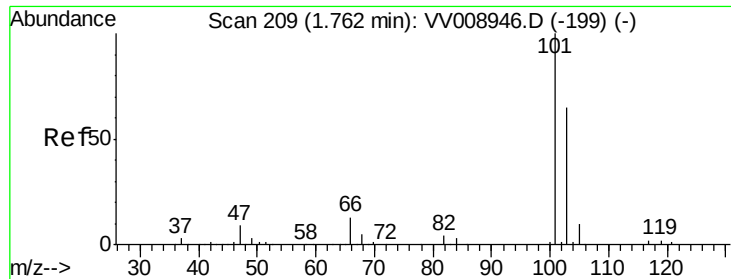
Data File : VV008963.D

```
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ALS Vial    : 42      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
C0LA1

Quant Time: Dec 15 05:48:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
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QLast Update : Sat Dec 15 01:01:00 2018
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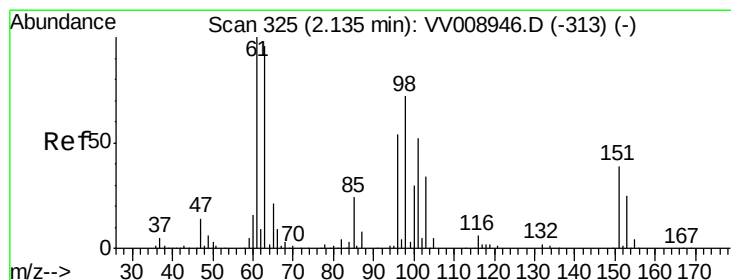
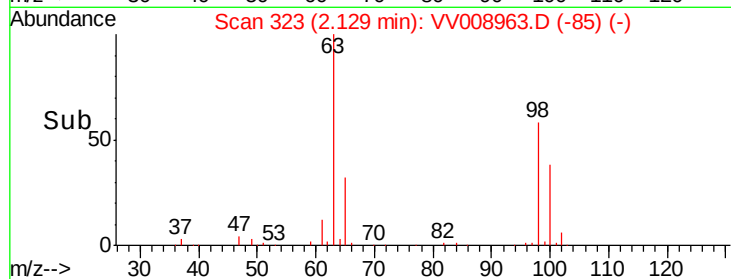
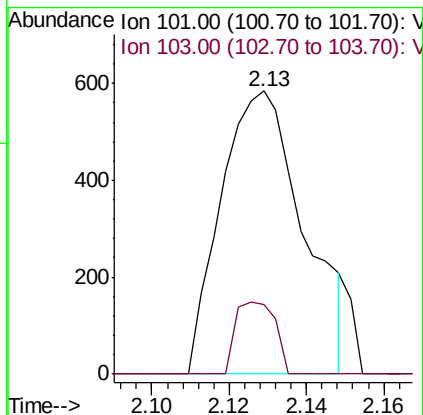
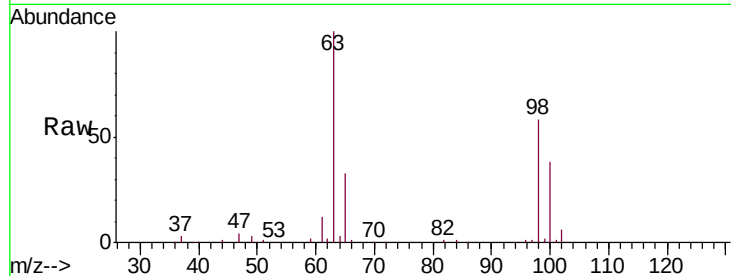


#9

Trichlorofluoromethane
 Concen: 0.383 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008963.D
 Acq: 15 Dec 2018 04:39

Instrument :
 MSVOA_V
 ClientSampleId :
 COLA1

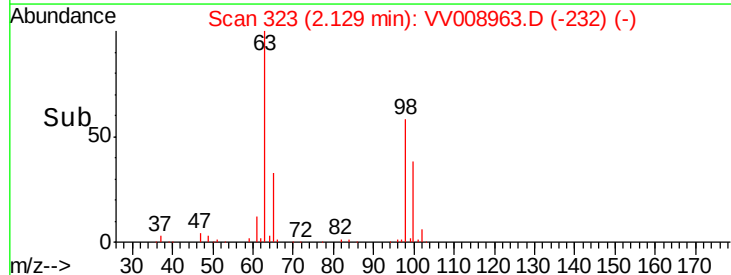
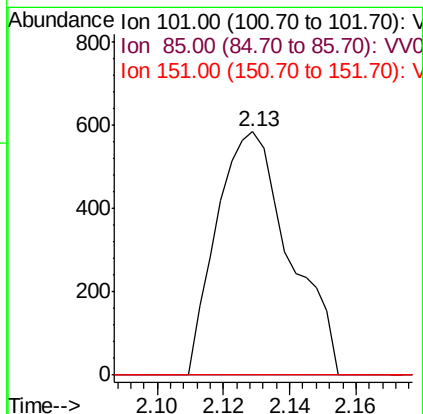
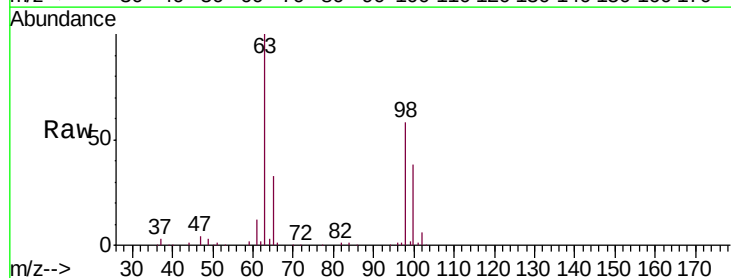
Tgt Ion:101 Resp: 864
 Ion Ratio Lower Upper
 101 100
 103 12.2 51.5 77.3#

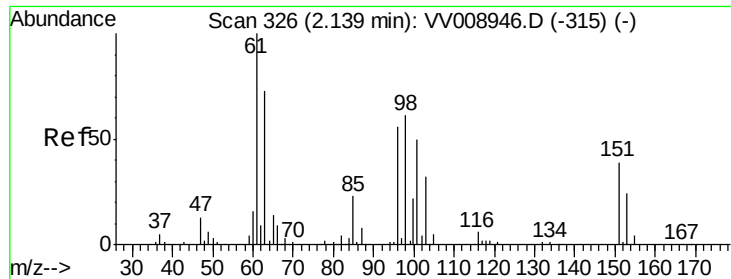


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.648 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008963.D
 Acq: 15 Dec 2018 04:39

Tgt Ion:101 Resp: 894
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

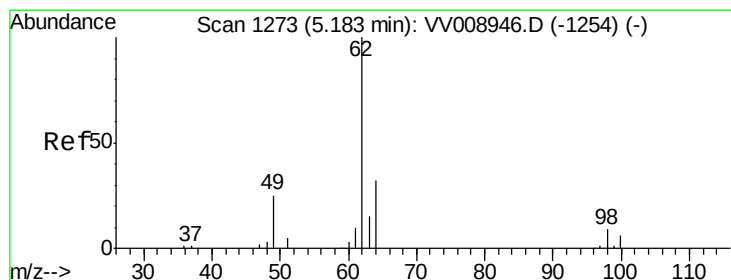
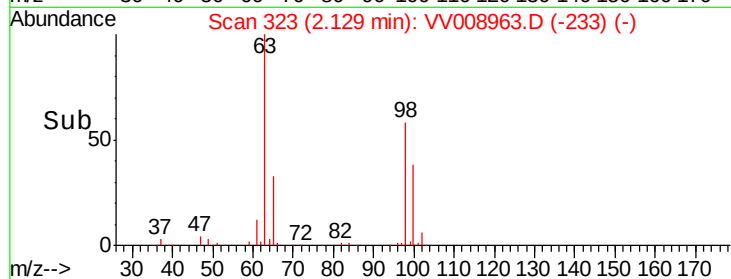
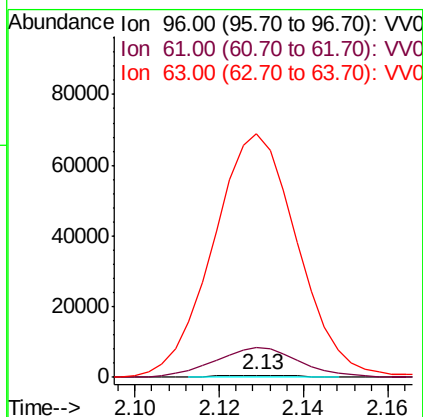
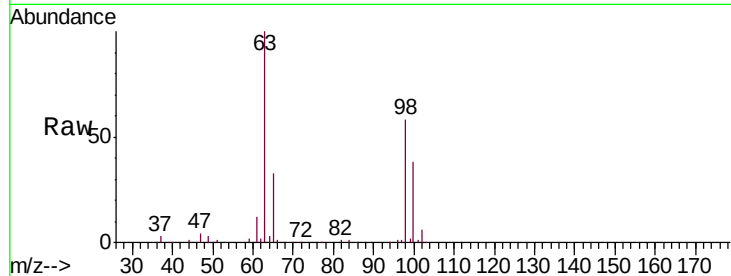




#12
 1,1-Dichloroethene
 Concen: 0.628 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008963.D
 Acq: 15 Dec 2018 04:39

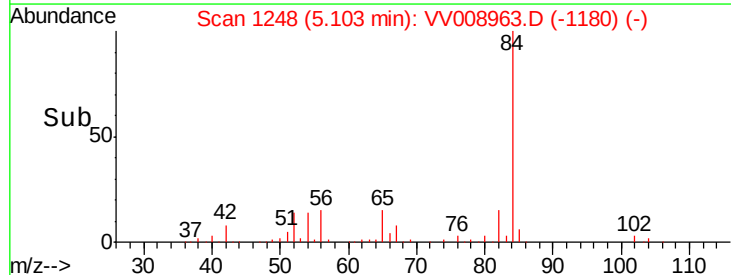
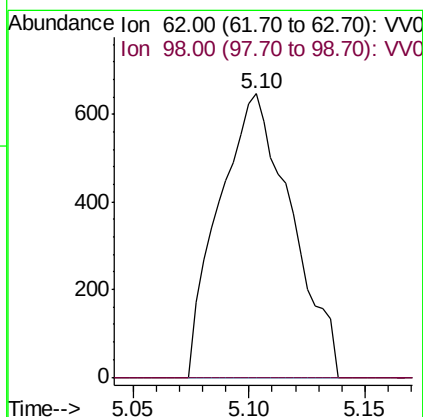
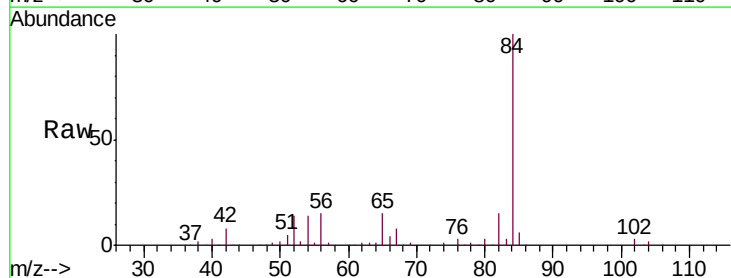
Instrument :
 MSVOA_V
 ClientSampleId :
 COLA1

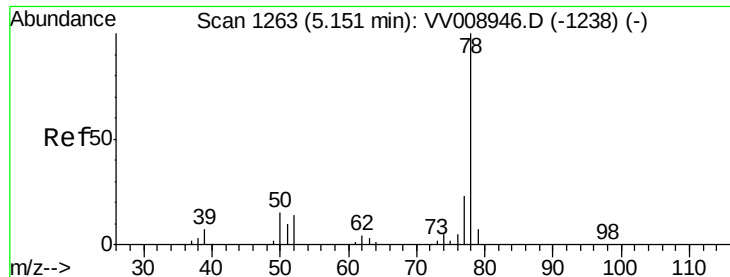
Tgt Ion: 96 Resp: 789
 Ion Ratio Lower Upper
 96 100
 61 1302.3 119.1 221.3#
 63 10662.5 96.0 178.2#



#27
 1,2-Dichloroethane
 Concen: 0.719 ug/L
 RT: 5.10 min Scan# 1248
 Delta R.T. -0.08 min
 Lab File: VV008963.D
 Acq: 15 Dec 2018 04:39

Tgt Ion: 62 Resp: 1397
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#





#33

Benzene

Concen: 0.424 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.05 min

Lab File: VV008963.D

Acq: 15 Dec 2018 04:39

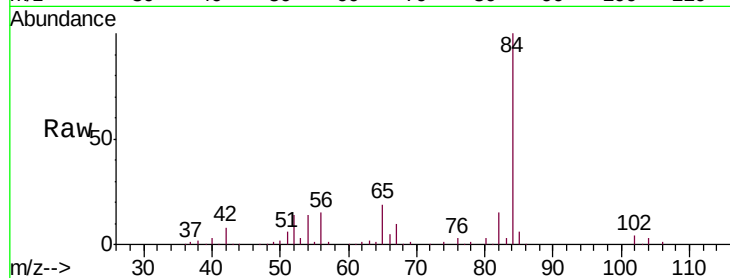
Instrument :

MSVOA_V

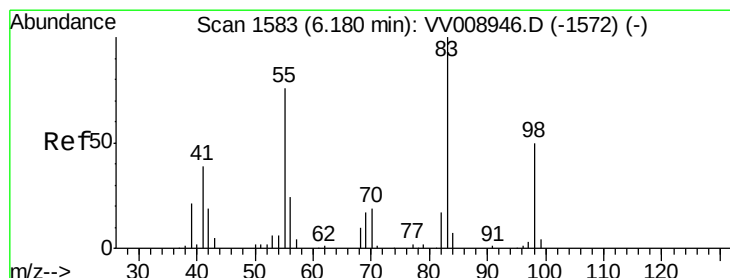
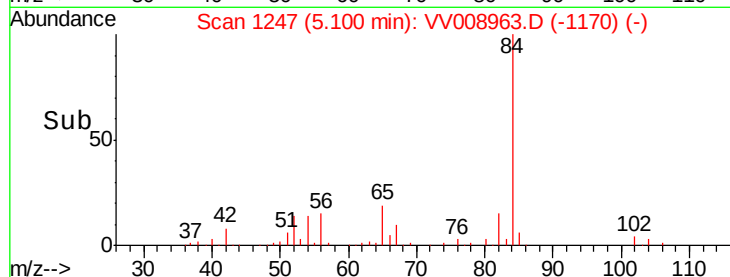
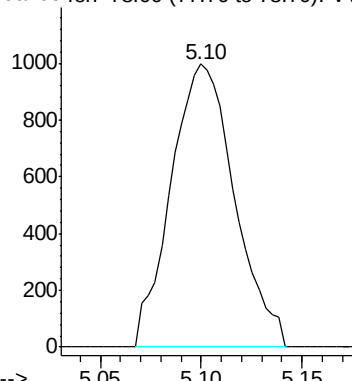
ClientSampled :

COLA1

Tgt Ion: 78 Resp: 2193



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 8.301 ug/L

RT: 6.12 min Scan# 1564

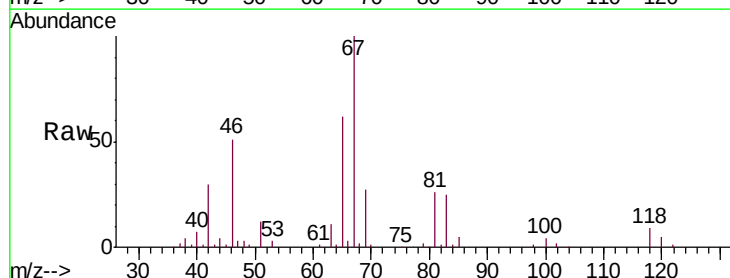
Delta R.T. -0.06 min

Lab File: VV008963.D

Acq: 15 Dec 2018 04:39

Tgt Ion: 83 Resp: 18385

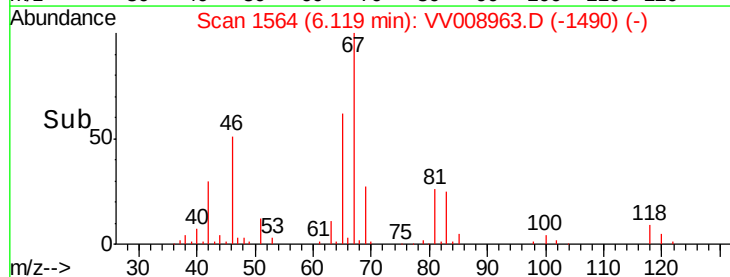
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.5	39.0	58.4#



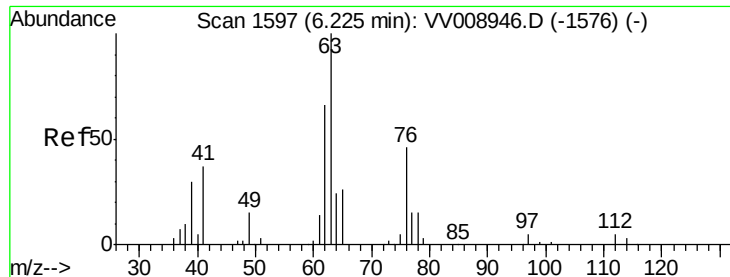
Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



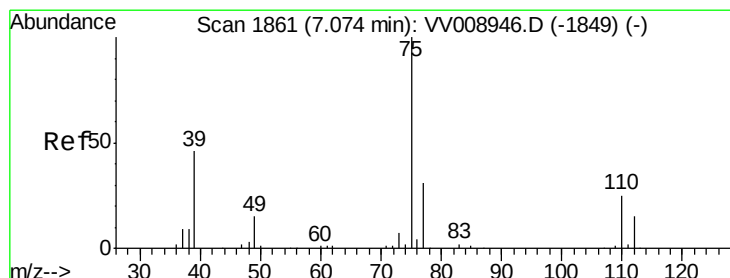
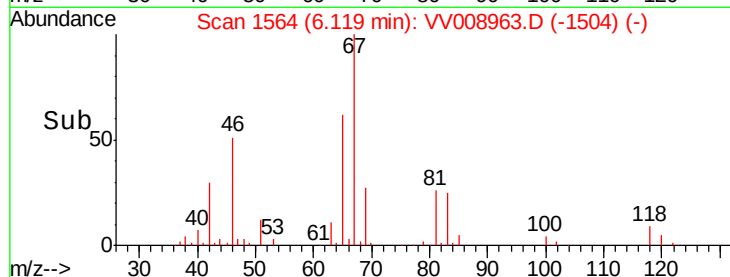
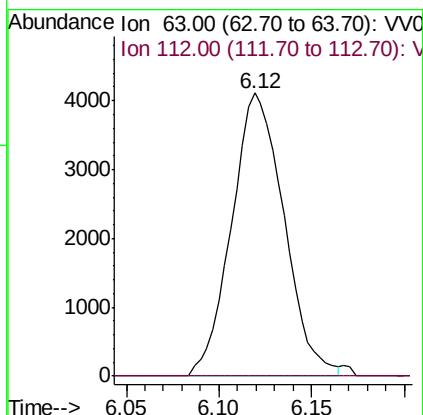
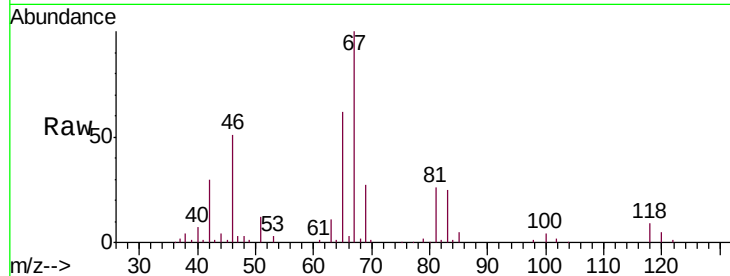
Time-->



#37
 1,2-Dichloropropane
 Concen: 6.054 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV008963.D
 Acq: 15 Dec 2018 04:39

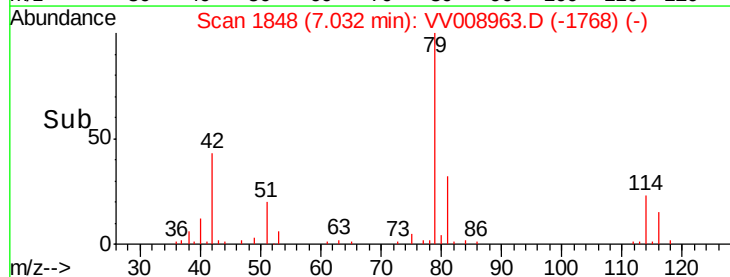
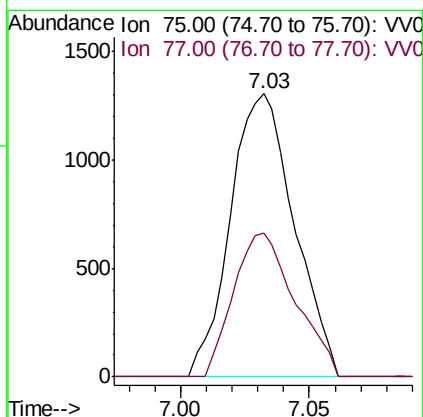
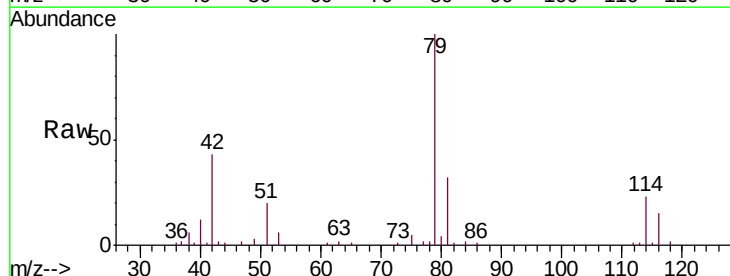
Instrument :
 MSVOA_V
 ClientSampleId :
 COLA1

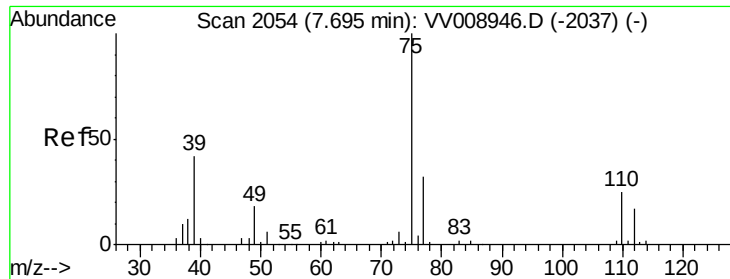
Tgt Ion: 63 Resp: 8098
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.053 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008963.D
 Acq: 15 Dec 2018 04:39

Tgt Ion: 75 Resp: 2246
 Ion Ratio Lower Upper
 75 100
 77 51.0 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.730 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008963.D

Acq: 15 Dec 2018 04:39

Instrument :

MSVOA_V

ClientSampled :

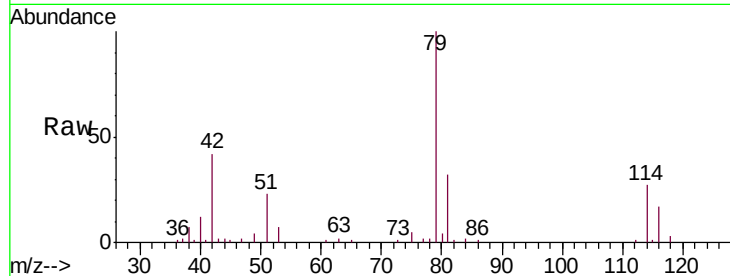
COLA1

Tgt Ion: 75 Resp: 1452

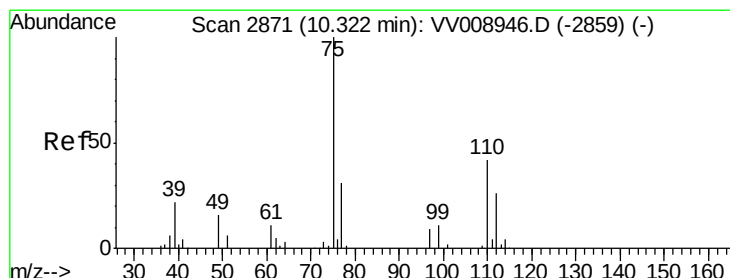
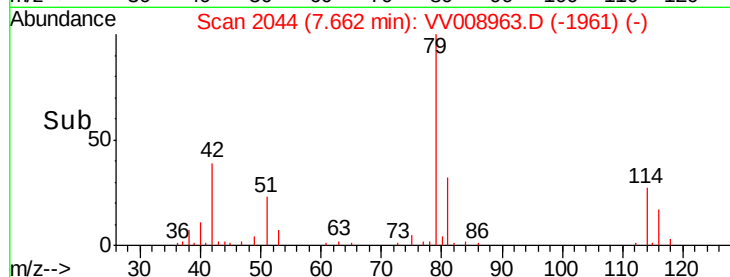
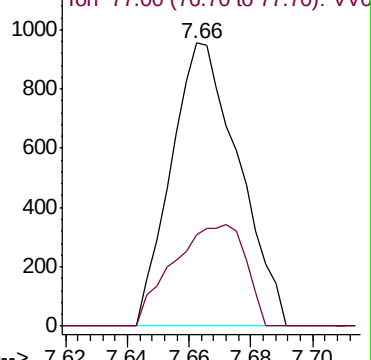
Ion Ratio Lower Upper

75 100

77 32.5 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV008946.D (-2037) (-)



#59

1,2,3-Trichloropropane

Concen: 5.202 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008963.D

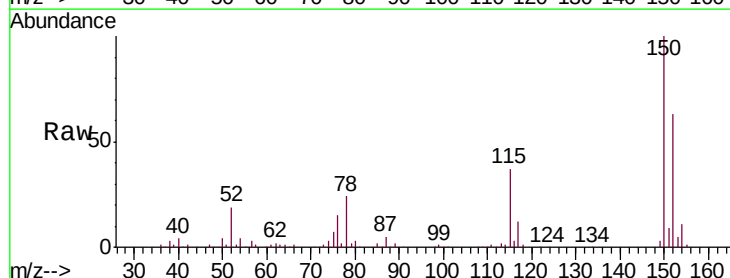
Acq: 15 Dec 2018 04:39

Tgt Ion: 75 Resp: 8762

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008946.D (-2859) (-)

