

Data File : VV008949.D
Acq On : 14 Dec 2018 23:04
Operator : SY/MD
Sample : J6387-02
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0LA4

Quant Time: Dec 15 01:03:56 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	206885	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190718	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49125	40.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.32%
7) Chloroethane-d5	1.56	69	39528	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.98%
11) 1,1-Dichloroethene-d2	2.13	63	105507	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.96%
21) 2-Butanone-d5	3.93	46	86168	106.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.82%
24) Chloroform-d	4.40	84	118546	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
26) 1,2-Dichloroethane-d4	5.08	65	80003	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
32) Benzene-d6	5.10	84	239232	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
36) 1,2-Dichloropropane-d6	6.12	67	73886	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.68%
41) Toluene-d8	7.36	98	224016	46.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.86%
43) trans-1,3-Dichloropropene-	7.66	79	36298	46.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.68%
47) 2-Hexanone-d5	8.13	63	55917	97.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.83%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91150	45.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	80605	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%

Target Compounds

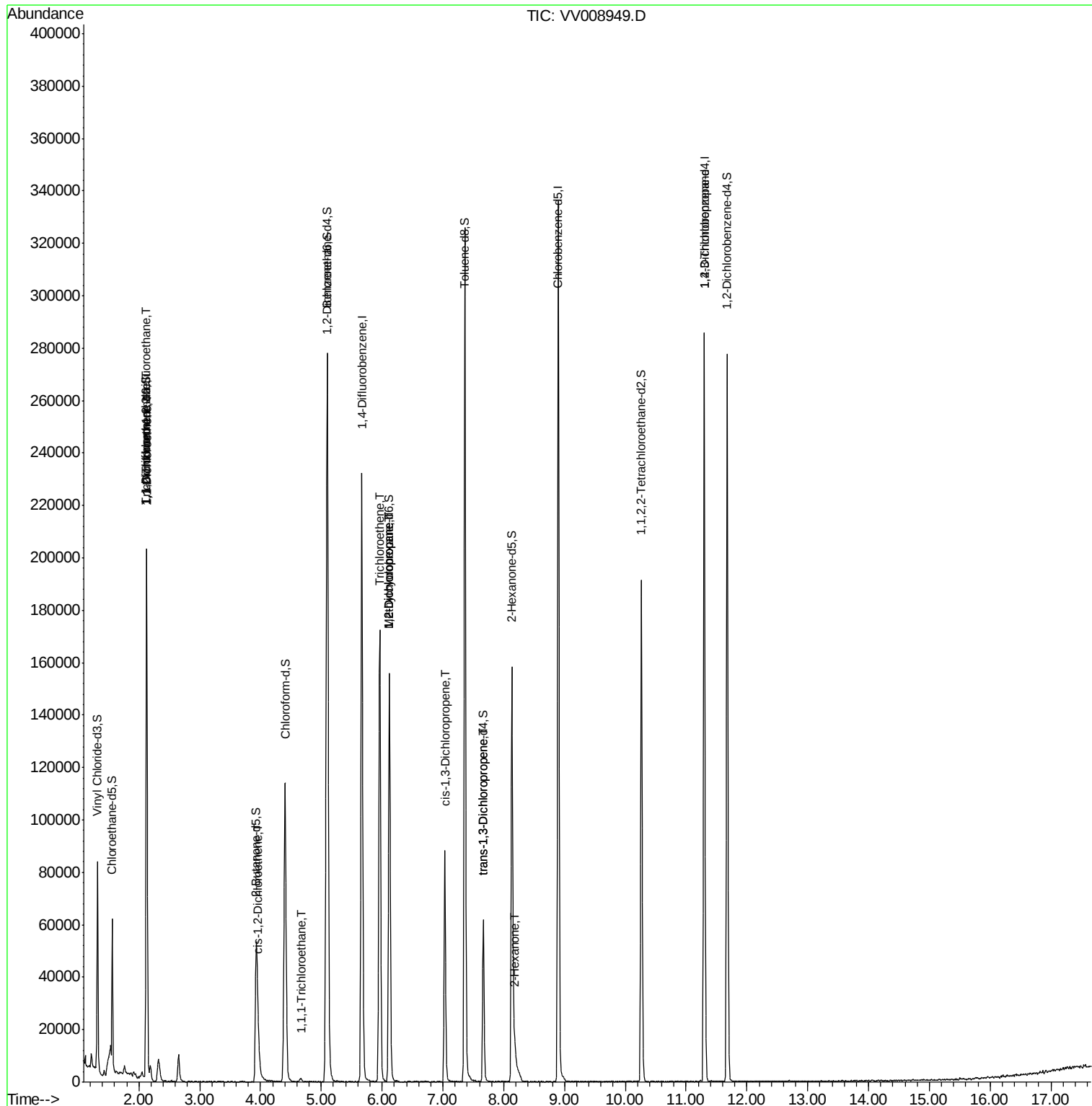
						Qvalue
9) Trichlorofluoromethane	2.13	101	956	0.414	ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	956	0.677	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	4807	3.742	ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	3783	2.537	ug/L	94
30) 1,1,1-Trichloroethane	4.66	97	1213	0.519	ug/L #	32
34) Trichloroethene	5.96	95	58412	38.489	ug/L	99
35) Methylcyclohexane	6.12	83	18097	8.041	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8440	6.210	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2175	1.003	ug/L #	58
44) trans-1,3-Dichloropropene	7.66	75	1586	0.785	ug/L #	77
48) 2-Hexanone	8.18	43	2574	1.968	ug/L #	54
59) 1,2,3-Trichloropropane	11.30	75	8698	5.082	ug/L	97

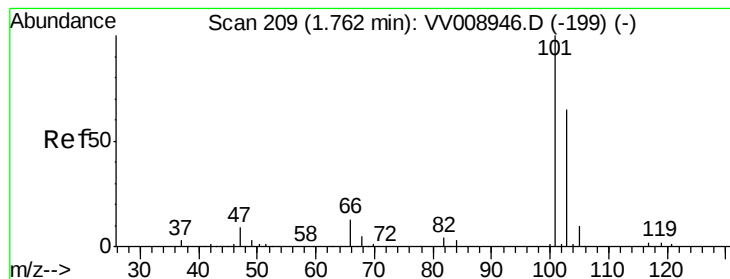
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#9

Trichlorofluoromethane

Concen: 0.414 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV008949.D

Acq: 14 Dec 2018 23:04

Instrument :

MSVOA_V

ClientSampleId :

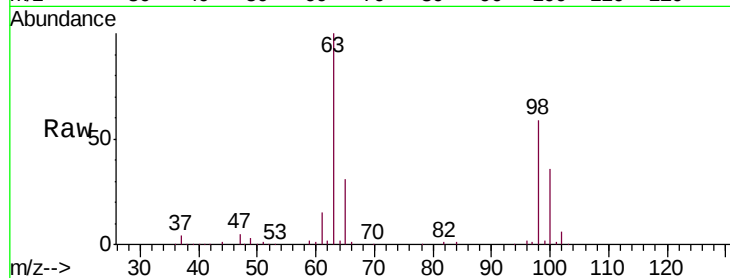
C0LA4

Tgt Ion:101 Resp: 956

Ion Ratio Lower Upper

101 100

103 10.5 51.5 77.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.13

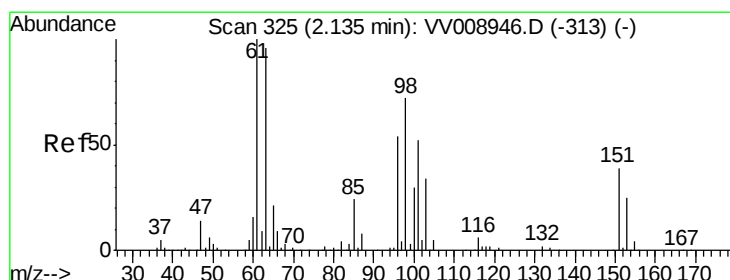
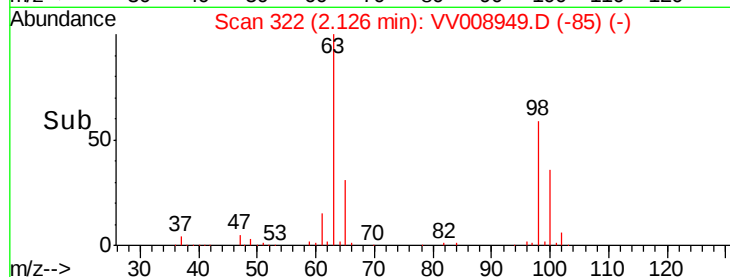
600

400

200

0

Time-->



#10

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

Concen: 0.677 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008949.D

Acq: 14 Dec 2018 23:04

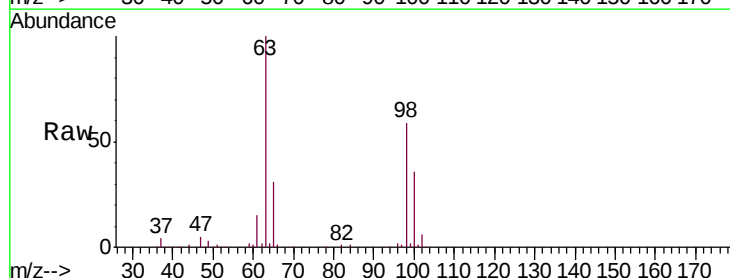
Tgt Ion:101 Resp: 956

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

800

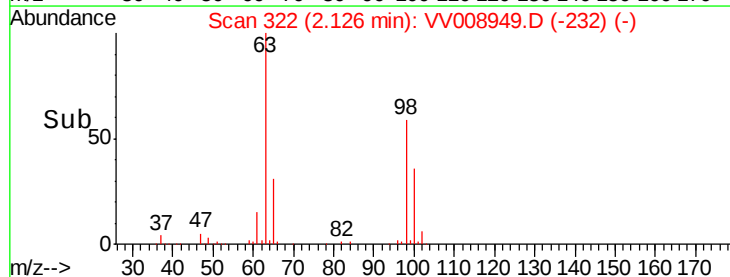
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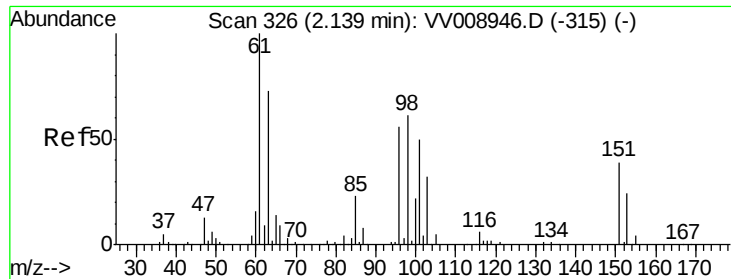
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200

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Time-->

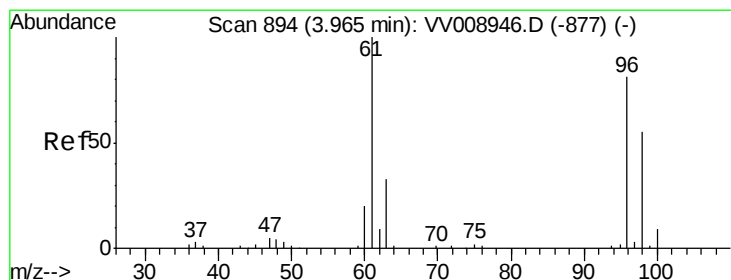
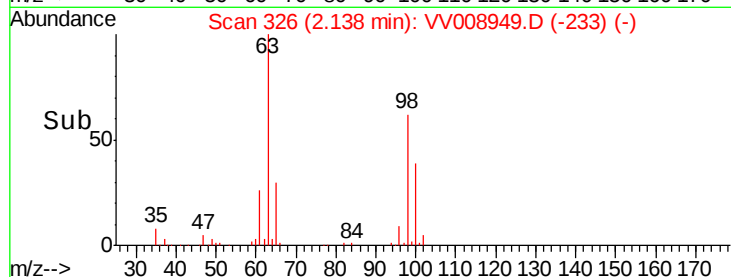
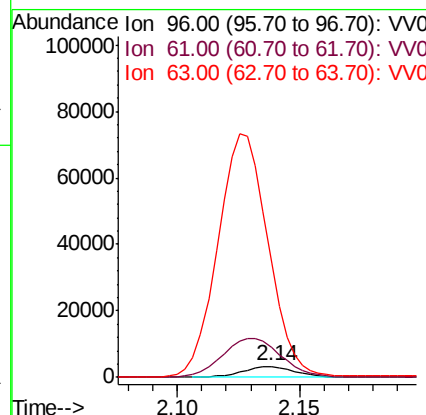
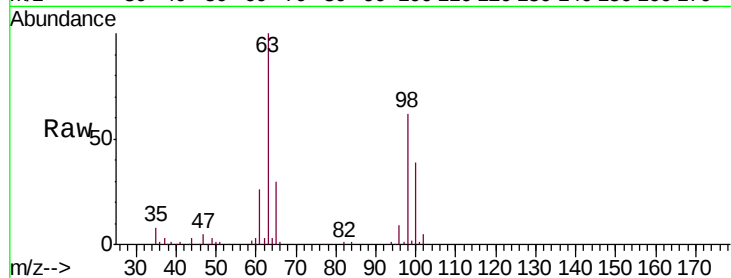




#12
 1,1-Dichloroethene
 Concen: 3.742 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV008949.D
 Acq: 14 Dec 2018 23:04

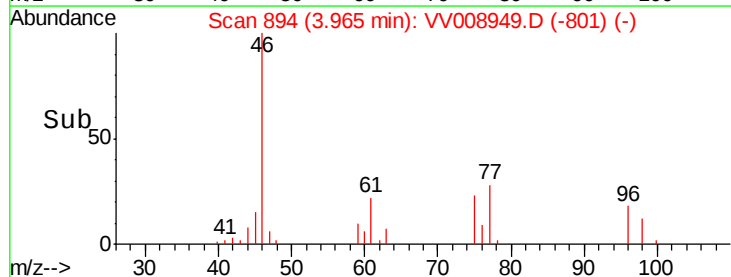
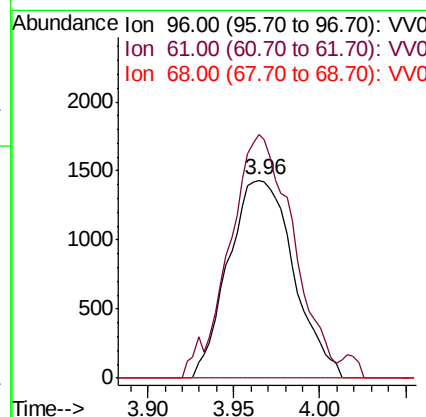
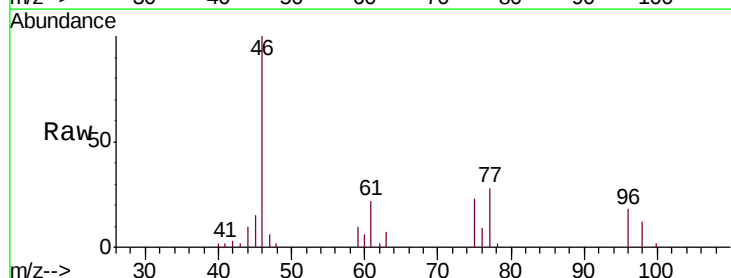
Instrument :
 MSVOA_V
 ClientSampleId :
 C0LA4

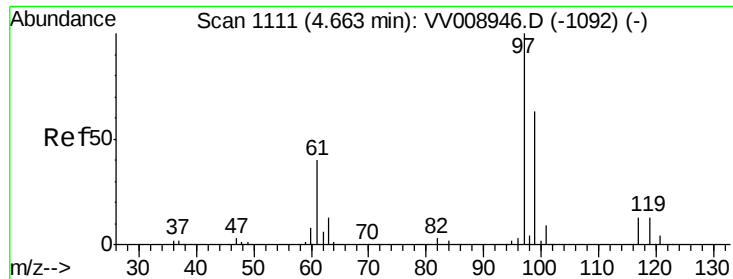
Tgt Ion: 96 Resp: 4807
 Ion Ratio Lower Upper
 96 100
 61 277.5 119.1 221.3#
 63 1069.9 96.0 178.2#



#20
 cis-1,2-Dichloroethene
 Concen: 2.537 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008949.D
 Acq: 14 Dec 2018 23:04

Tgt Ion: 96 Resp: 3783
 Ion Ratio Lower Upper
 96 100
 61 123.2 81.9 152.1
 68 0.0 0.0 0.0

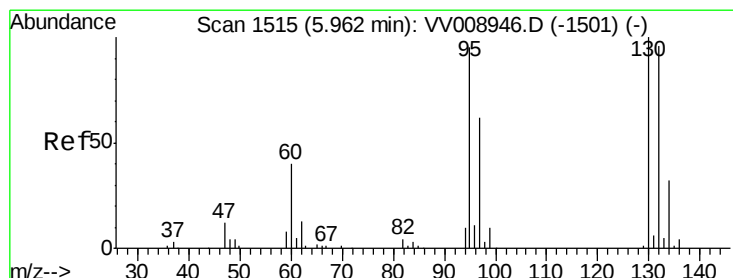
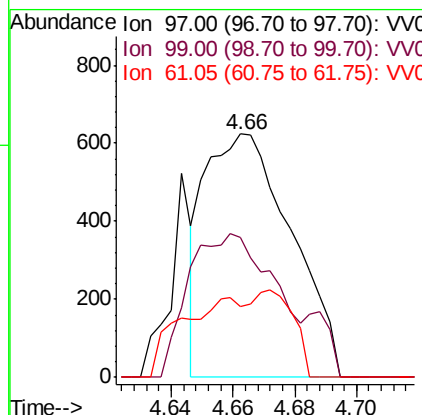
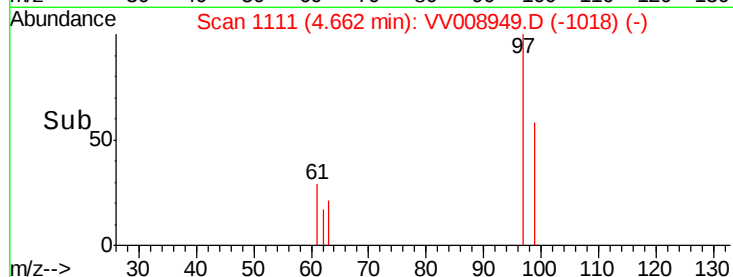
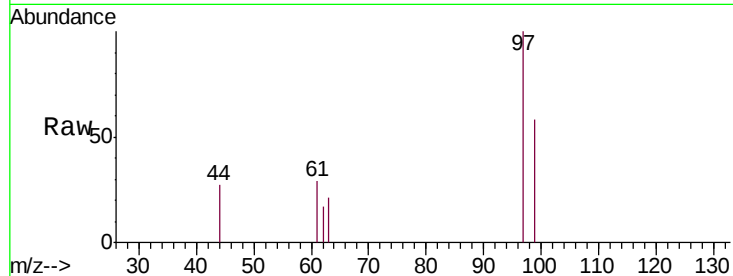




#30
 1,1,1-Trichloroethane
 Concen: 0.519 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VV008949.D
 Acq: 14 Dec 2018 23:04

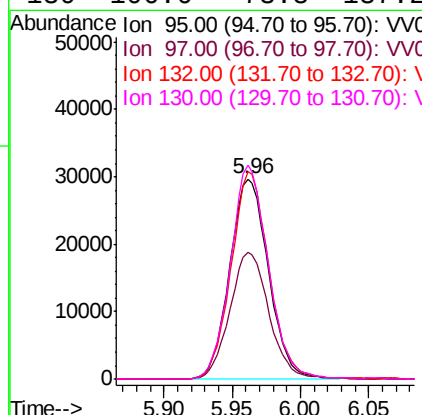
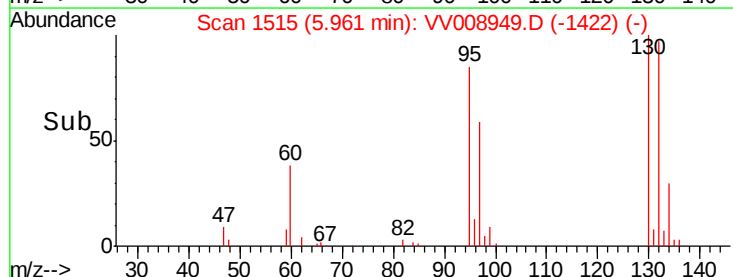
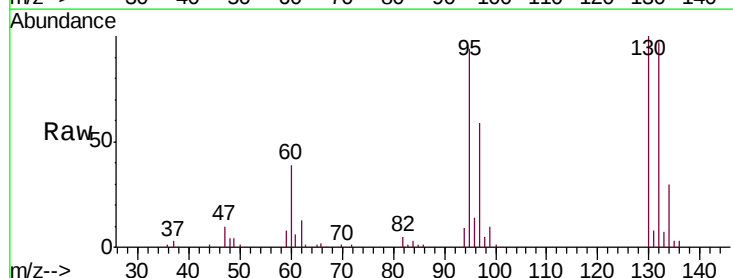
Instrument :
 MSVOA_V
 ClientSampleId :
 C0LA4

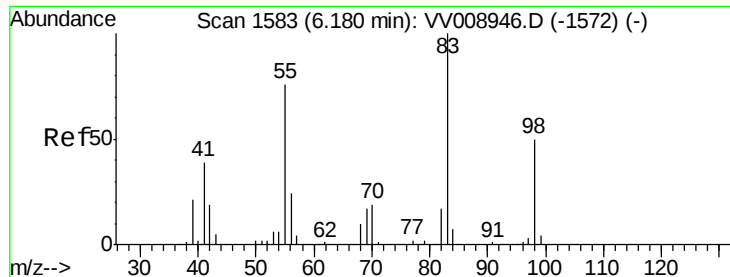
Tgt Ion: 97 Resp: 1213
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.7 77.5#
 61 12.0 32.5 48.7#



#34
 Trichloroethene
 Concen: 38.489 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV008949.D
 Acq: 14 Dec 2018 23:04

Tgt Ion: 95 Resp: 58412
 Ion Ratio Lower Upper
 95 100
 97 63.0 45.7 84.9
 132 103.3 72.2 134.2
 130 106.6 73.8 137.2

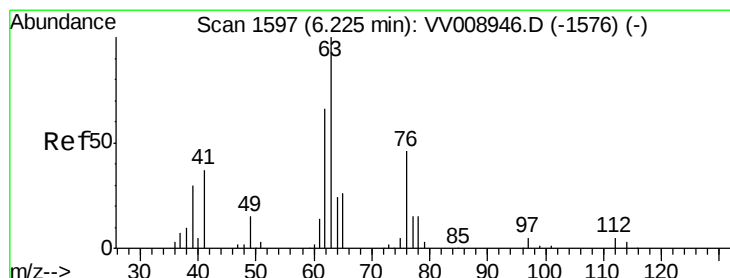
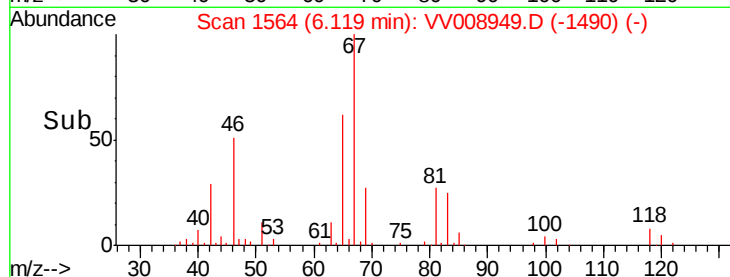
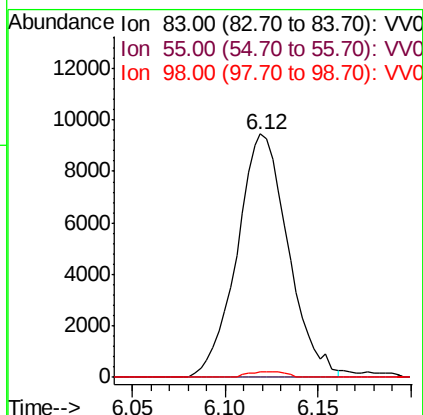
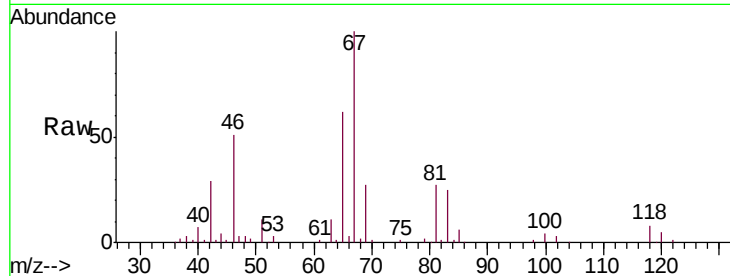




#35
Methylcyclohexane
Concen: 8.041 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008949.D
Acq: 14 Dec 2018 23:04

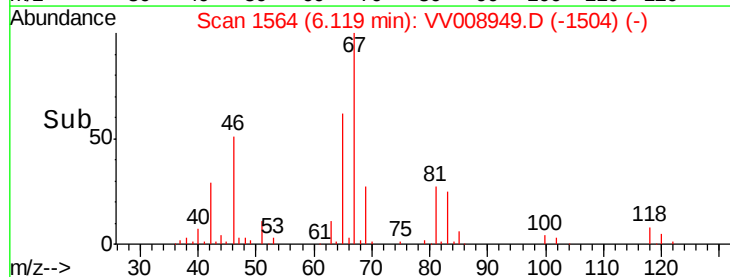
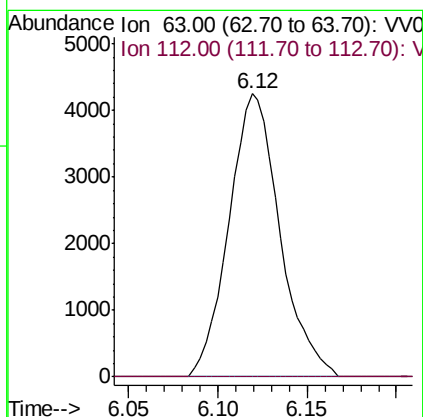
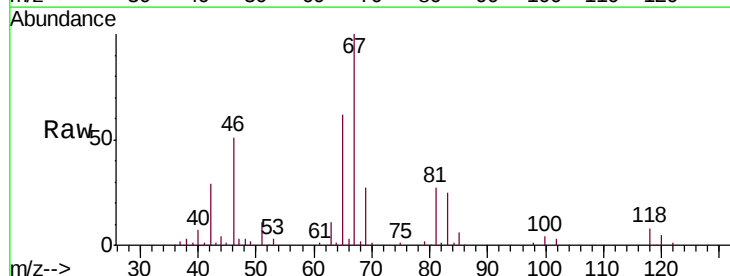
Instrument :
MSVOA_V
ClientSampleId :
C0LA4

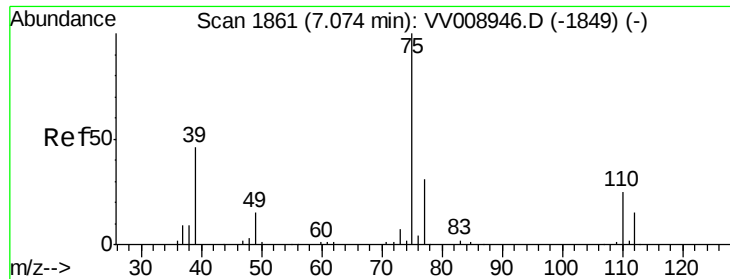
Tgt Ion: 83 Resp: 18097
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 1.6 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 6.210 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008949.D
Acq: 14 Dec 2018 23:04

Tgt Ion: 63 Resp: 8440
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



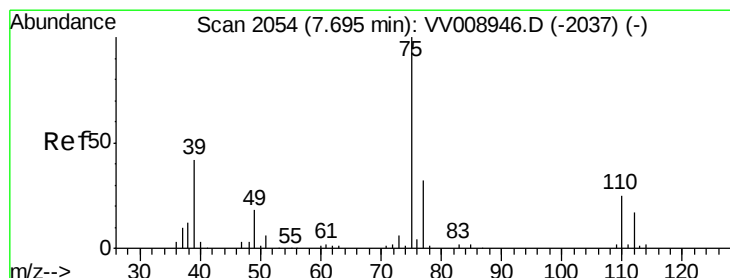
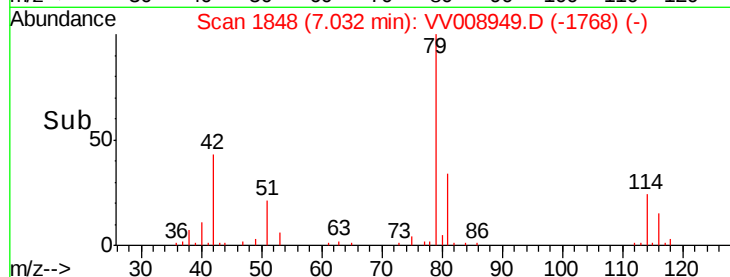
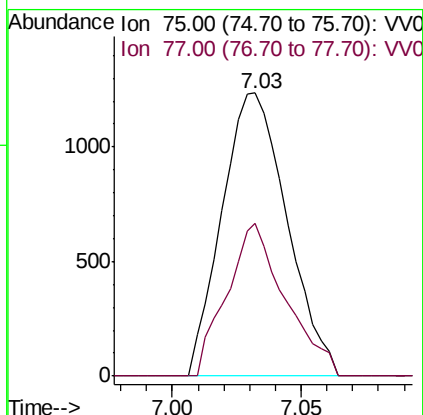
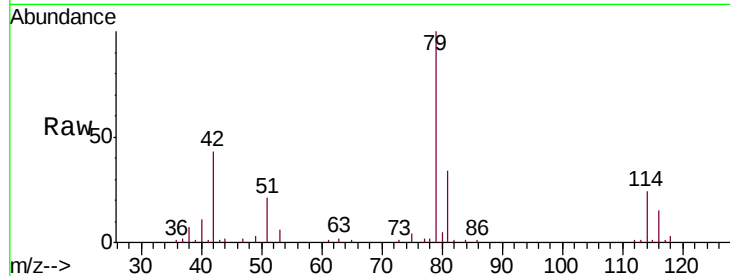


#39

cis-1,3-Dichloropropene
 Concen: 1.003 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008949.D
 Acq: 14 Dec 2018 23:04

Instrument :
 MSVOA_V
 ClientSampled :
 C0LA4

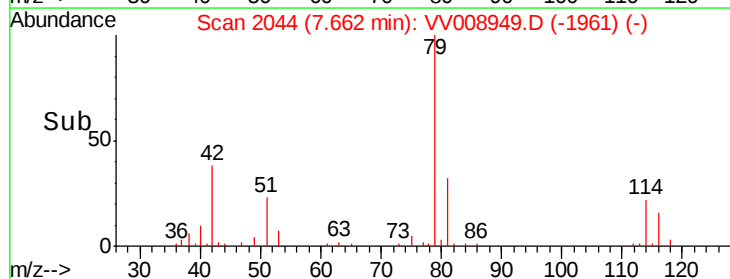
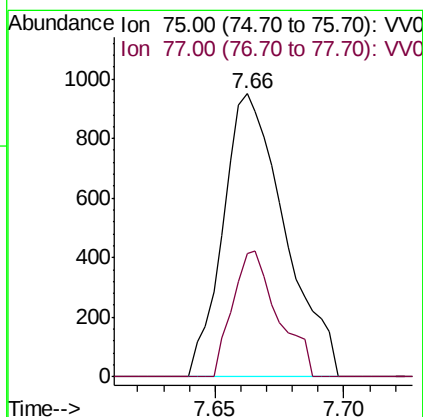
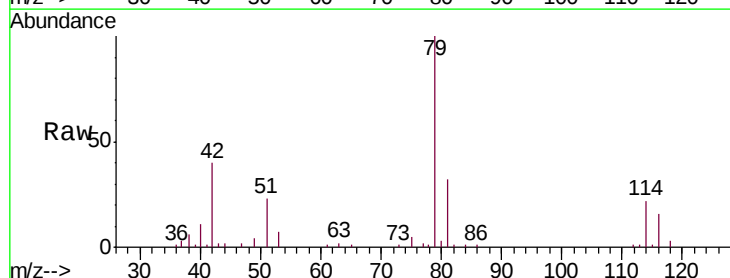
Tgt Ion: 75 Resp: 2175
 Ion Ratio Lower Upper
 75 100
 77 54.1 21.8 40.4#

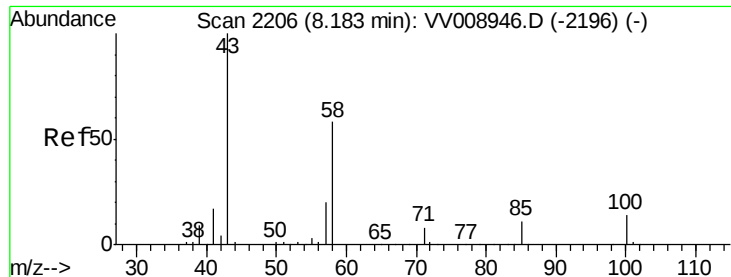


#44

trans-1,3-Dichloropropene
 Concen: 0.785 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV008949.D
 Acq: 14 Dec 2018 23:04

Tgt Ion: 75 Resp: 1586
 Ion Ratio Lower Upper
 75 100
 77 43.5 21.6 40.2#

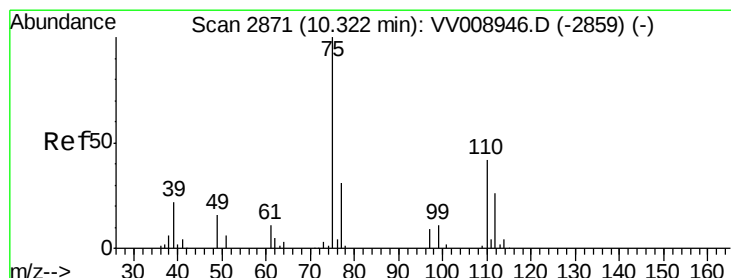
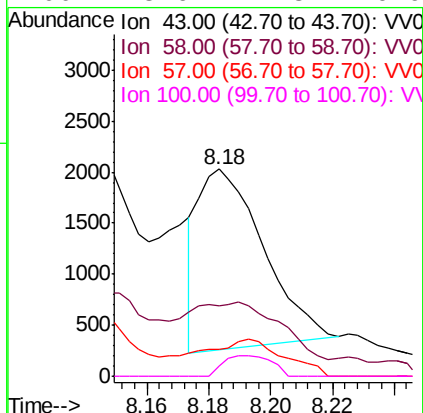
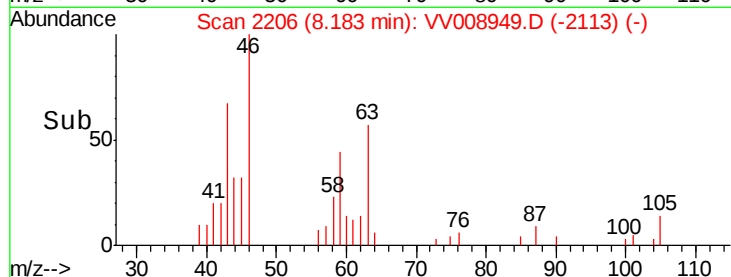
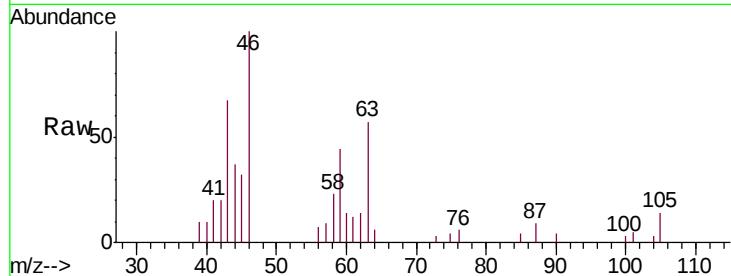




#48
2-Hexanone
Concen: 1.968 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV008949.D
Acq: 14 Dec 2018 23:04

Instrument :
MSVOA_V
ClientSampleId :
COLA4

Tgt Ion: 43 Resp: 2574
Ion Ratio Lower Upper
43 100
58 3.6 42.7 64.1#
57 17.6 15.7 23.5
100 8.6 11.3 16.9#



#59
1,2,3-Trichloropropane
Concen: 5.082 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008949.D
Acq: 14 Dec 2018 23:04

Tgt Ion: 75 Resp: 8698
Ion Ratio Lower Upper
75 100
77 34.0 25.8 38.8

