

Data File : VV008948.D
Acq On : 14 Dec 2018 22:40
Operator : SY/MD
Sample : J6387-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0LA3

Quant Time: Dec 15 01:03:46 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	202885	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185533	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77691	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50259	42.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.84%
7) Chloroethane-d5	1.56	69	40386	54.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.32%
11) 1,1-Dichloroethene-d2	2.13	63	104025	37.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.36%
21) 2-Butanone-d5	3.93	46	90214	114.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.04%
24) Chloroform-d	4.40	84	121309	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
26) 1,2-Dichloroethane-d4	5.08	65	82243	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.14%
32) Benzene-d6	5.10	84	253328	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.12	67	77358	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.98%
41) Toluene-d8	7.36	98	234286	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%
43) trans-1,3-Dichloropropene-	7.67	79	35434	46.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.00%
47) 2-Hexanone-d5	8.13	63	59153	106.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93942	48.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	84189	52.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.08%

Target Compounds

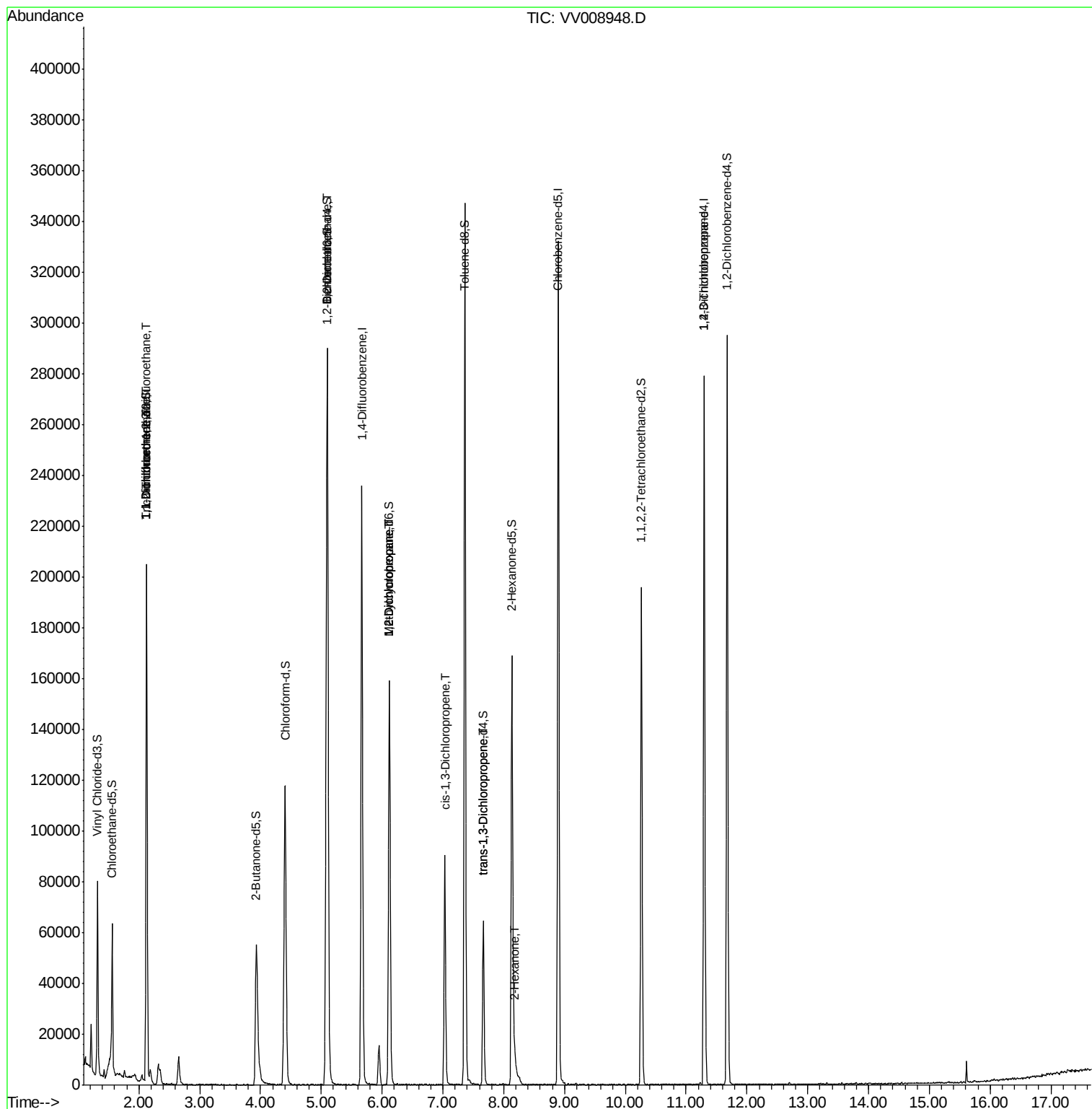
						Qvalue
9) Trichlorofluoromethane	2.13	101	1050	0.464	ug/L #	32
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1050	0.758	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	815	0.647	ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1505	0.772	ug/L #	74
35) Methylcyclohexane	6.12	83	19279	8.806	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8494	6.424	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2199	1.043	ug/L #	72
44) trans-1,3-Dichloropropene	7.67	75	1624	0.826	ug/L	88
48) 2-Hexanone	8.19	43	2846	2.237	ug/L #	57
59) 1,2,3-Trichloropropane	11.30	75	7877	4.731	ug/L	93

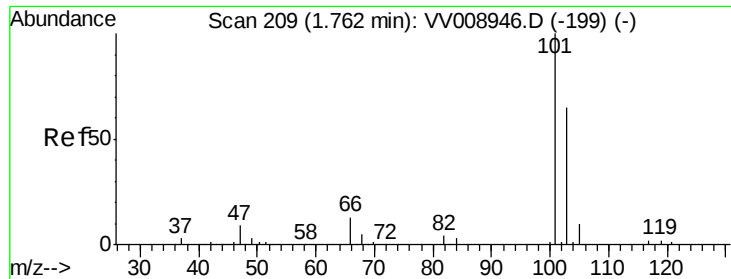
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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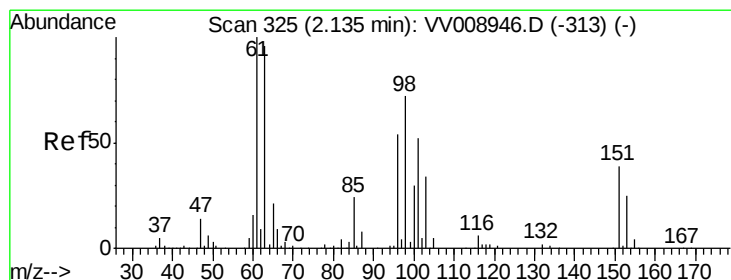
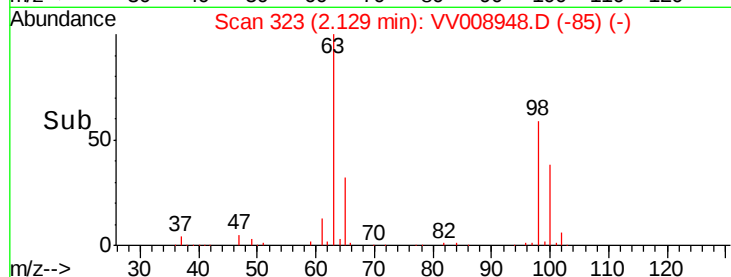
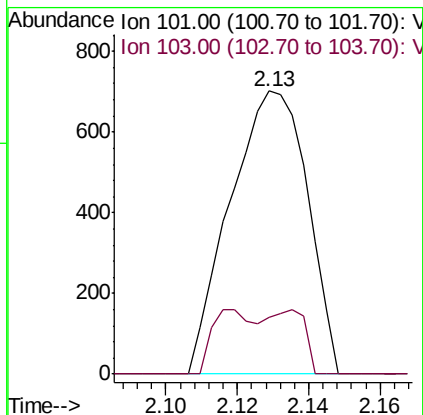
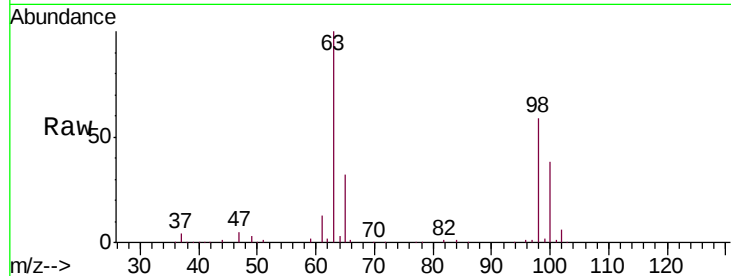


#9

Trichlorofluoromethane
 Concen: 0.464 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008948.D
 Acq: 14 Dec 2018 22:40

Instrument :
 MSVOA_V
 ClientSampleId :
 C0LA3

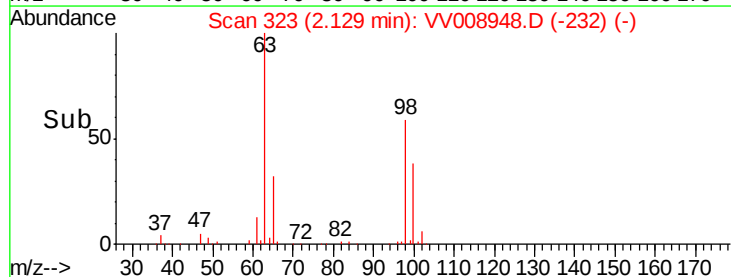
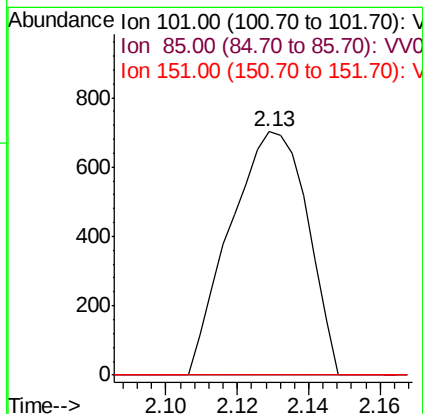
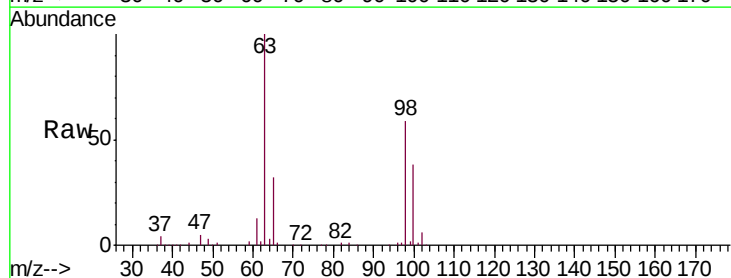
Tgt Ion:101 Resp: 1050
 Ion Ratio Lower Upper
 101 100
 103 10.9 51.5 77.3#

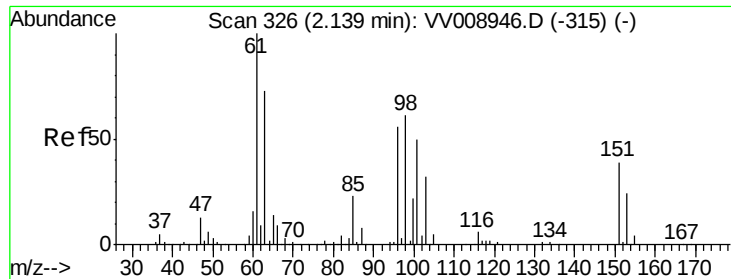


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.758 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008948.D
 Acq: 14 Dec 2018 22:40

Tgt Ion:101 Resp: 1050
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

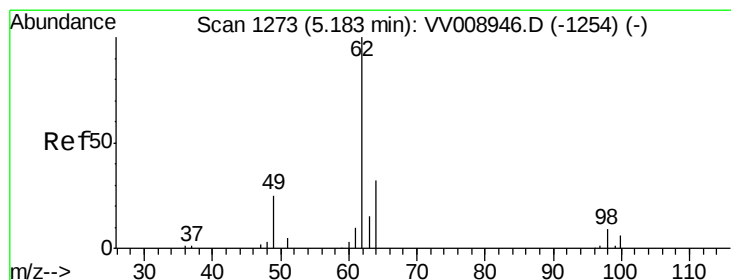
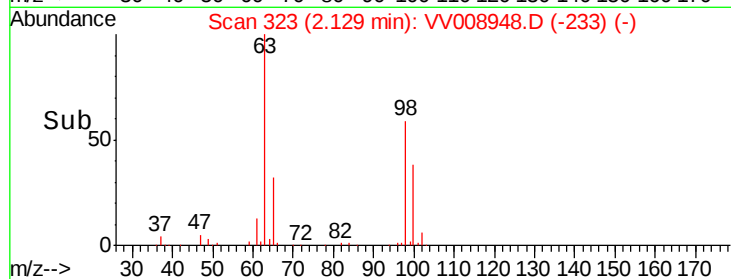
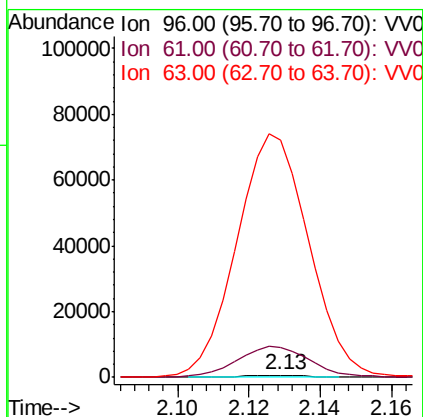
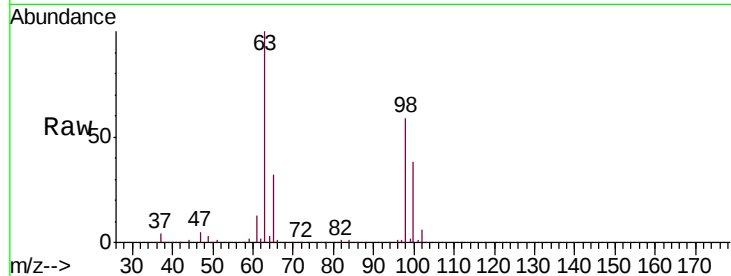




#12
 1,1-Dichloroethene
 Concen: 0.647 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008948.D
 Acq: 14 Dec 2018 22:40

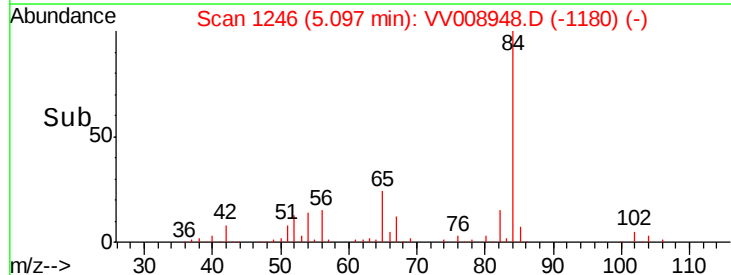
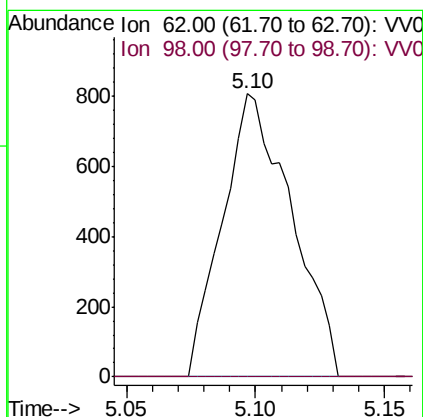
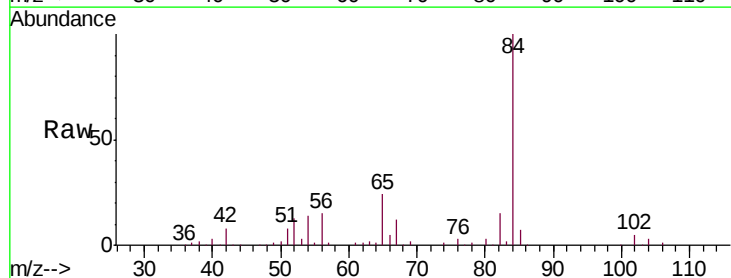
Instrument :
 MSVOA_V
 ClientSampleId :
 COLA3

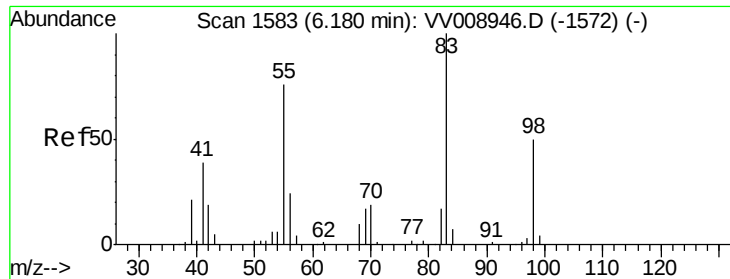
Tgt Ion: 96 Resp: 815
 Ion Ratio Lower Upper
 96 100
 61 1613.2 119.1 221.3#
 63 12524.5 96.0 178.2#



#27
 1,2-Dichloroethane
 Concen: 0.772 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.09 min
 Lab File: VV008948.D
 Acq: 14 Dec 2018 22:40

Tgt Ion: 62 Resp: 1505
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#

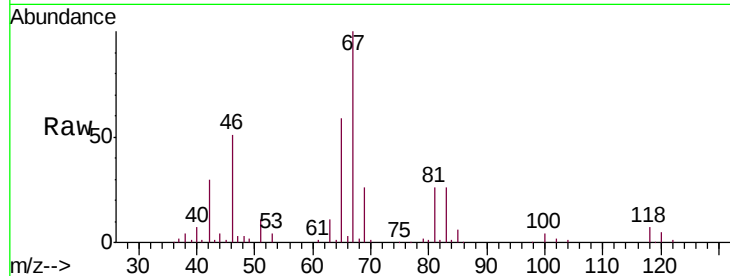




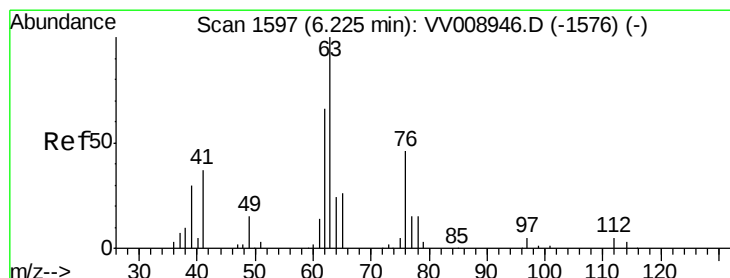
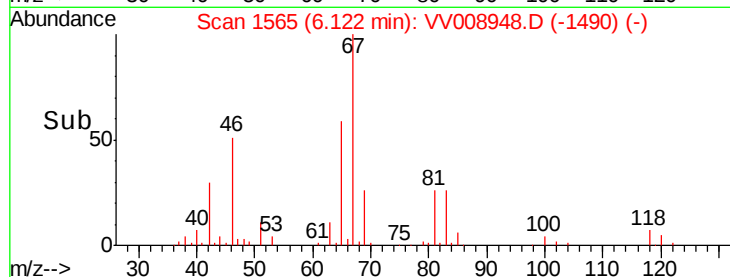
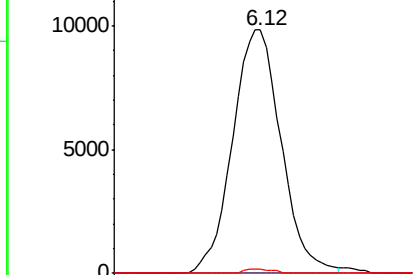
#35
Methylcyclohexane
Concen: 8.806 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008948.D
Acq: 14 Dec 2018 22:40

Instrument :
MSVOA_V
ClientSampleId :
COLA3

Tgt Ion: 83 Resp: 19279
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 1.0 39.0 58.4#

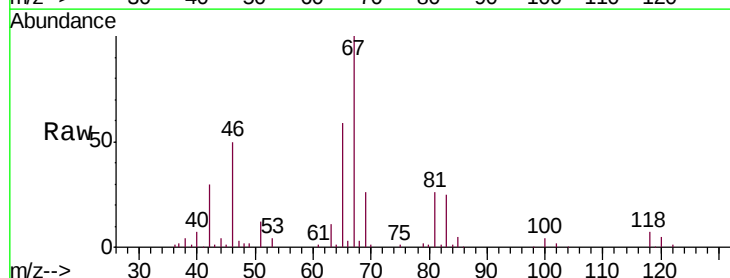


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

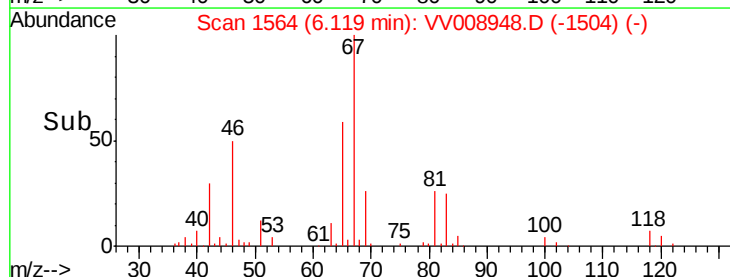
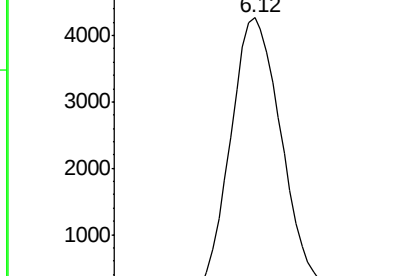


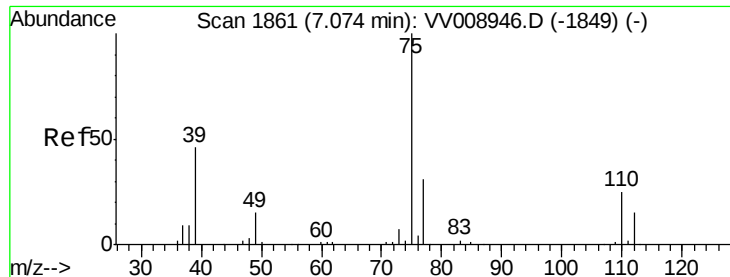
#37
1,2-Dichloropropane
Concen: 6.424 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008948.D
Acq: 14 Dec 2018 22:40

Tgt Ion: 63 Resp: 8494
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

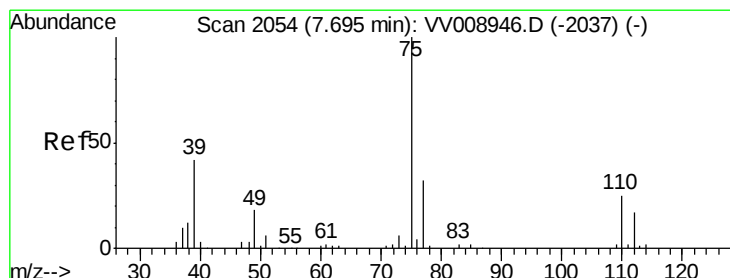
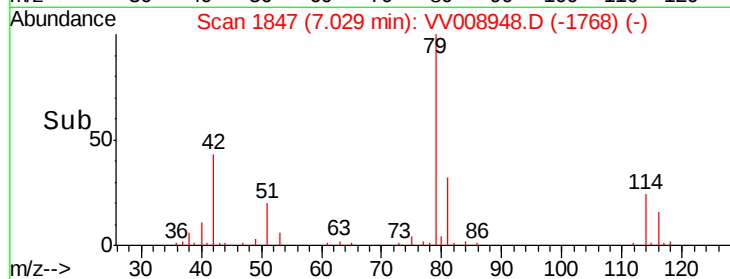
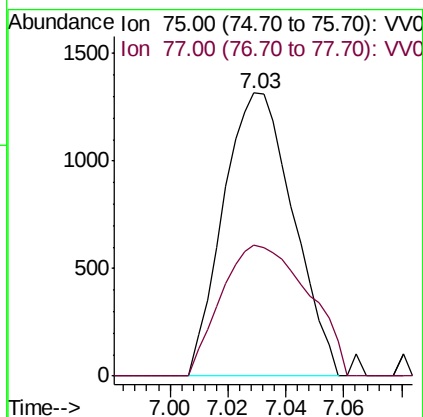
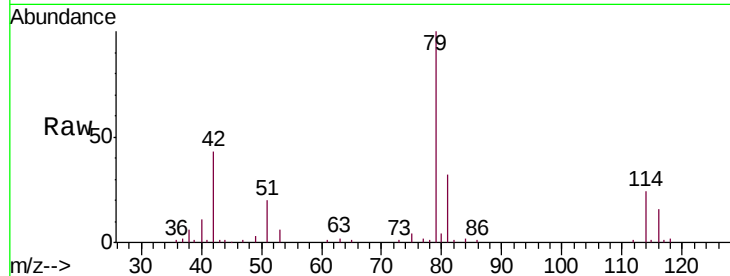




#39
 cis-1,3-Dichloropropene
 Concen: 1.043 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008948.D
 Acq: 14 Dec 2018 22:40

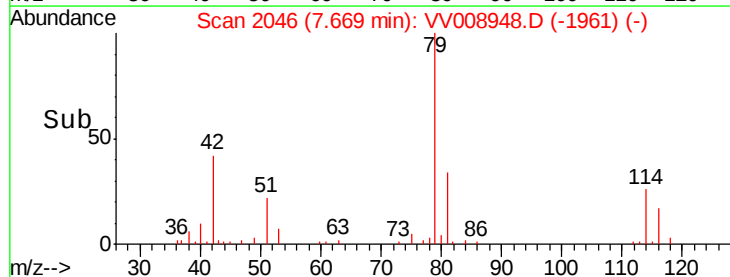
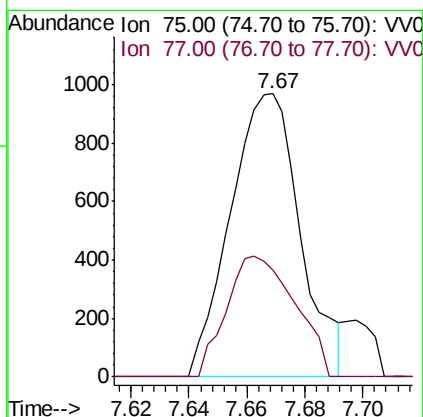
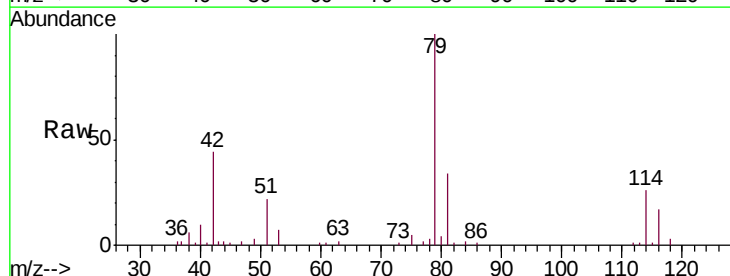
Instrument :
 MSVOA_V
 ClientSampleID :
 COLA3

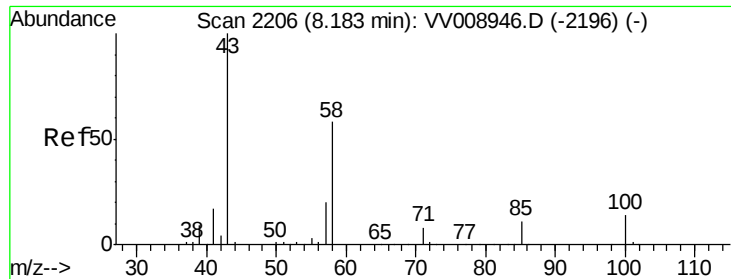
Tgt Ion: 75 Resp: 2199
 Ion Ratio Lower Upper
 75 100
 77 46.4 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.826 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008948.D
 Acq: 14 Dec 2018 22:40

Tgt Ion: 75 Resp: 1624
 Ion Ratio Lower Upper
 75 100
 77 37.6 21.6 40.2

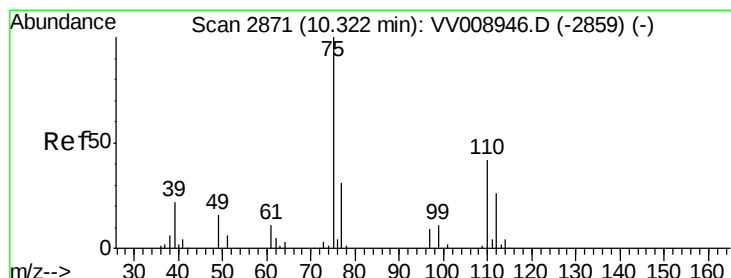
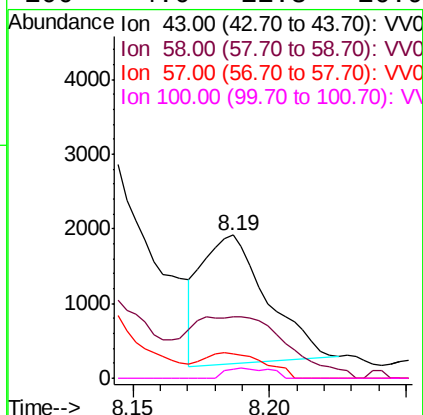
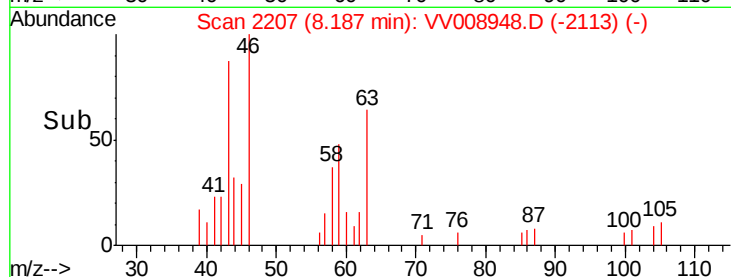
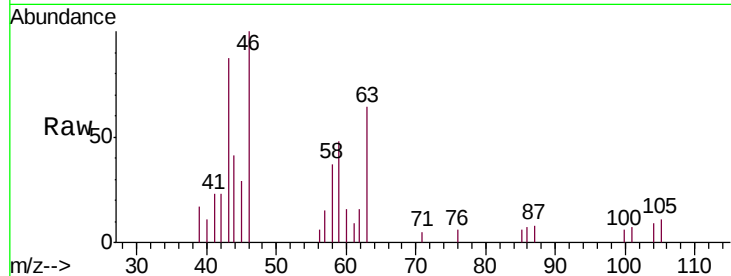




#48
2-Hexanone
Concen: 2.237 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
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Acq: 14 Dec 2018 22:40

Instrument :
MSVOA_V
ClientSampleId :
COLA3

Tgt Ion: 43 Resp: 2846
Ion Ratio Lower Upper
43 100
58 9.1 42.7 64.1#
57 18.9 15.7 23.5
100 4.0 11.3 16.9#



#59
1,2,3-Trichloropropane
Concen: 4.731 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008948.D
Acq: 14 Dec 2018 22:40

Tgt Ion: 75 Resp: 7877
Ion Ratio Lower Upper
75 100
77 36.5 25.8 38.8

