

Data File : VV008960.D
Acq On : 15 Dec 2018 03:28
Operator : SY/MD
Sample : J6369-14
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL98

Quant Time: Dec 15 04:09:08 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	199412	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186246	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78137	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46884	40.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.52%
7) Chloroethane-d5	1.56	69	37177	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.46%
11) 1,1-Dichloroethene-d2	2.13	63	96819	35.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.40%
21) 2-Butanone-d5	3.93	46	86207	110.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.87%
24) Chloroform-d	4.41	84	118865	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.08	65	80137	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
32) Benzene-d6	5.10	84	238447	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
36) 1,2-Dichloropropane-d6	6.12	67	73213	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.36	98	218501	46.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.76%
43) trans-1,3-Dichloropropene-	7.67	79	34017	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.94%
47) 2-Hexanone-d5	8.13	63	57299	102.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.65%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91640	47.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	80414	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

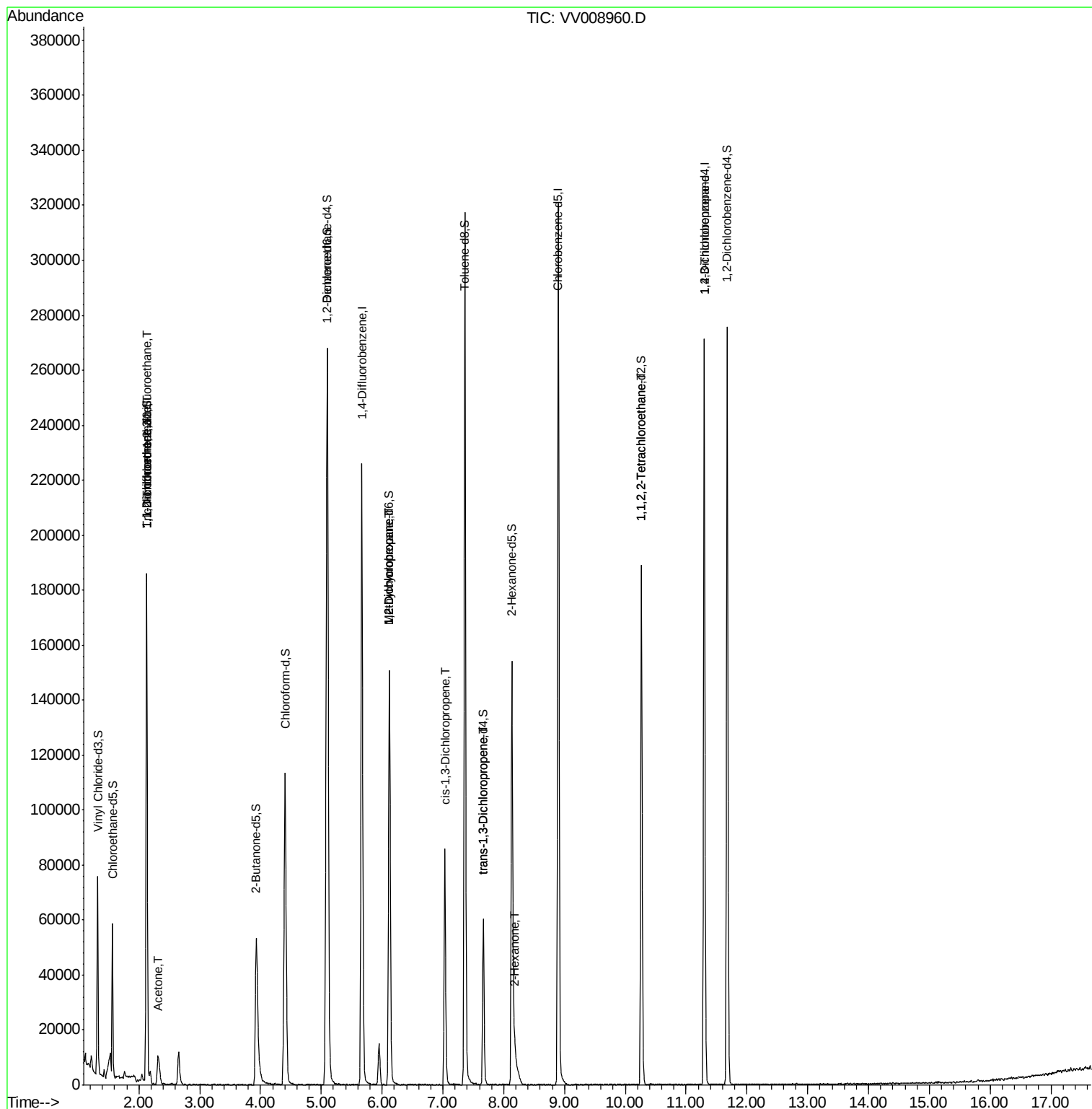
						Qvalue
9) Trichlorofluoromethane	2.13	101	924	0.415	ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	924	0.679	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	770	0.622	ug/L #	1
13) Acetone	2.31	43	2707	2.315	ug/L	48
35) Methylcyclohexane	6.12	83	18386	8.366	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8262	6.225	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2091	0.988	ug/L #	64
44) trans-1,3-Dichloropropene	7.67	75	1466	0.743	ug/L	90
48) 2-Hexanone	8.18	43	3570	2.796	ug/L #	80
58) 1,1,2,2-Tetrachloroethane	10.27	83	667	0.338	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	7996	4.784	ug/L #	84

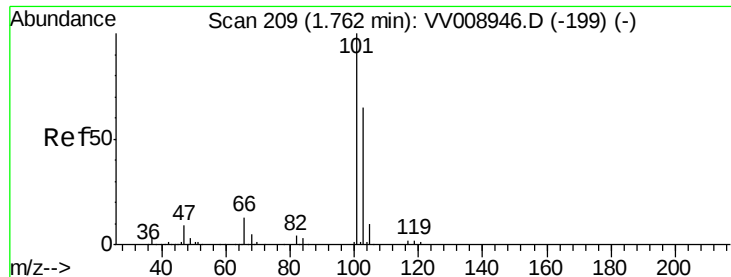
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.415 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008960.D

Acq: 15 Dec 2018 03:28

Instrument :

MSVOA_V

ClientSampleId :

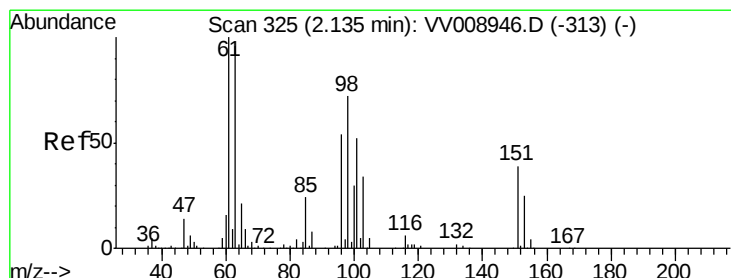
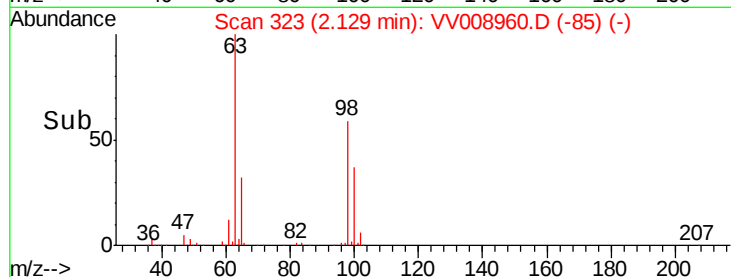
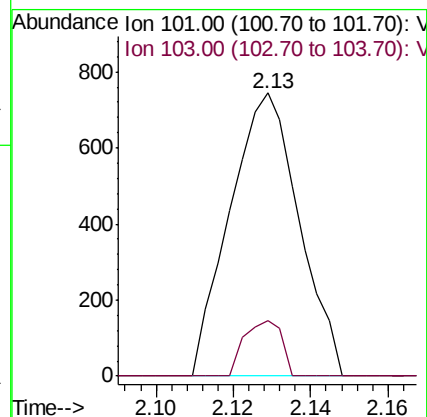
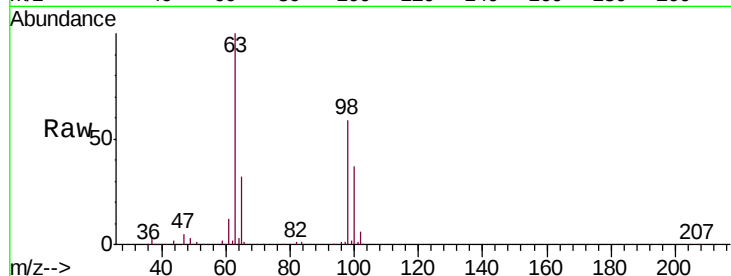
COL98

Tgt Ion:101 Resp: 924

Ion Ratio Lower Upper

101 100

103 10.5 51.5 77.3#



#10

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

Concen: 0.679 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008960.D

Acq: 15 Dec 2018 03:28

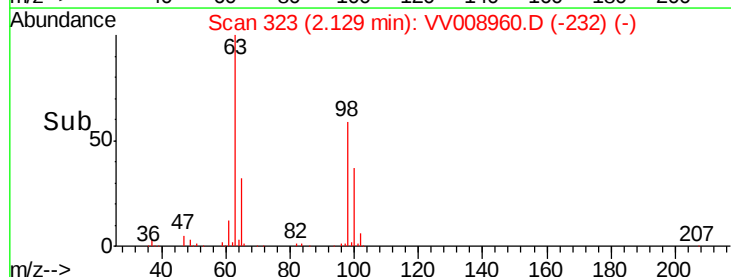
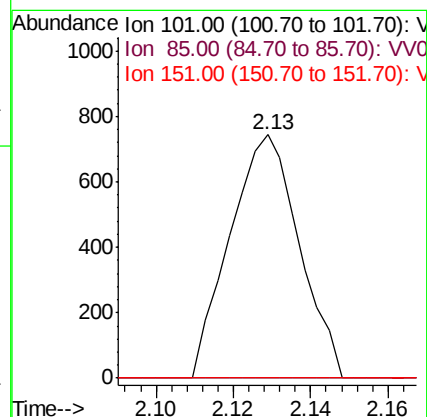
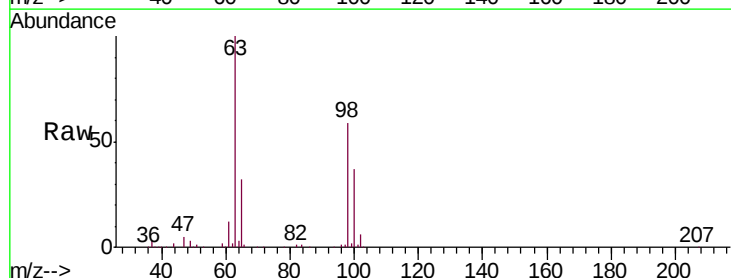
Tgt Ion:101 Resp: 924

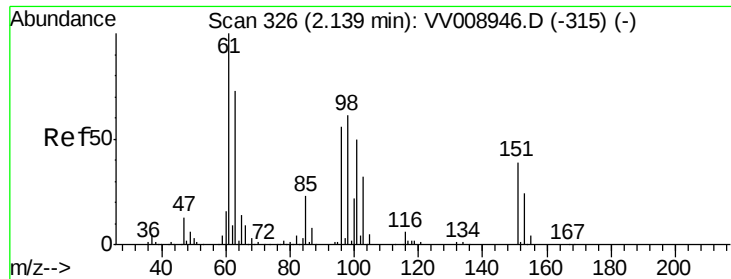
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#

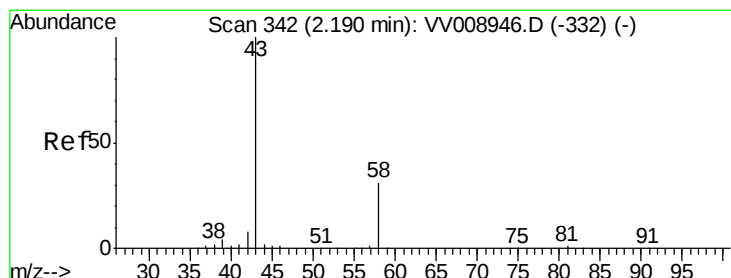
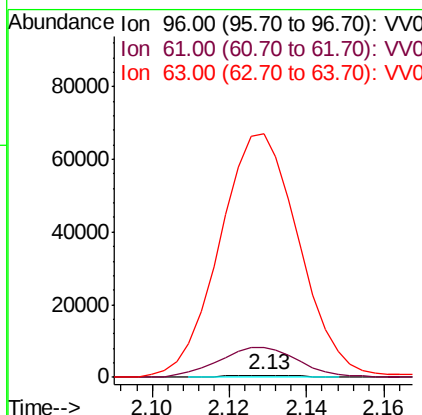
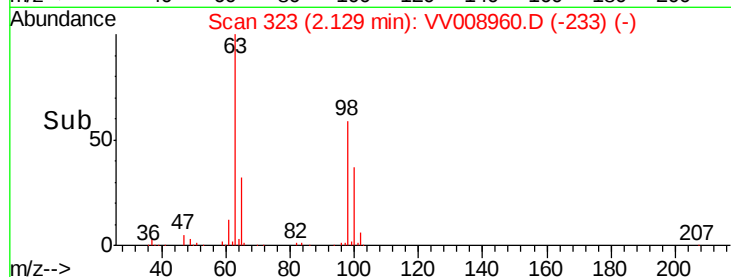
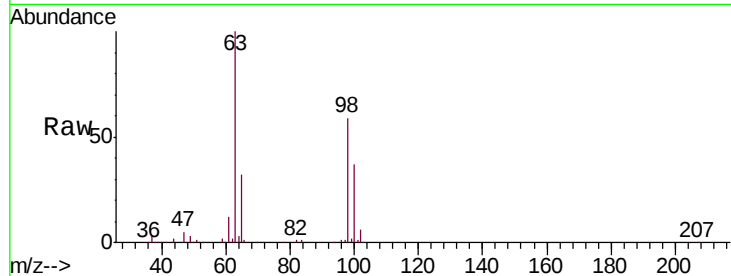




#12
 1,1-Dichloroethene
 Concen: 0.622 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008960.D
 Acq: 15 Dec 2018 03:28

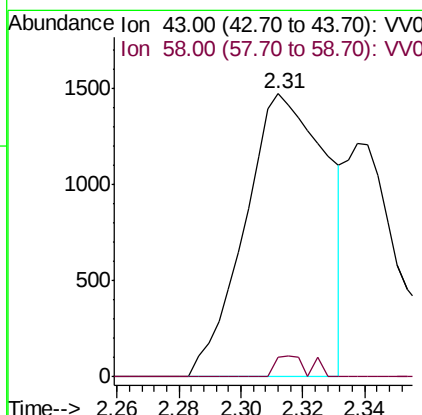
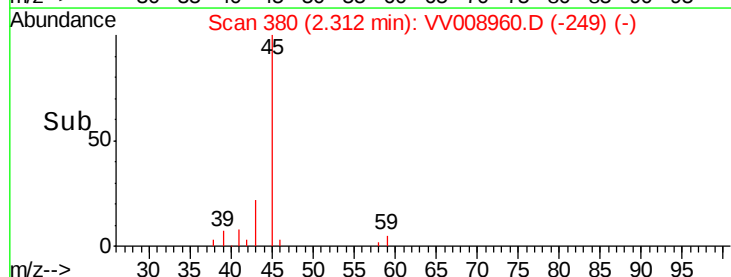
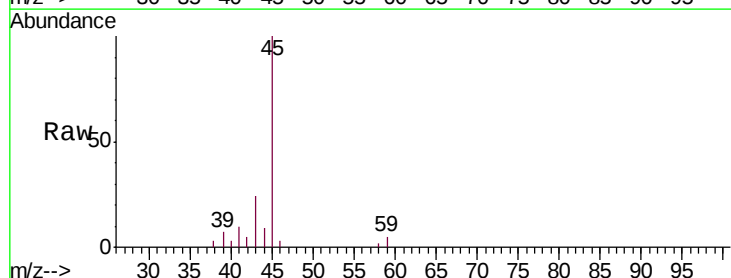
Instrument :
 MSVOA_V
 ClientSampleId :
 COL98

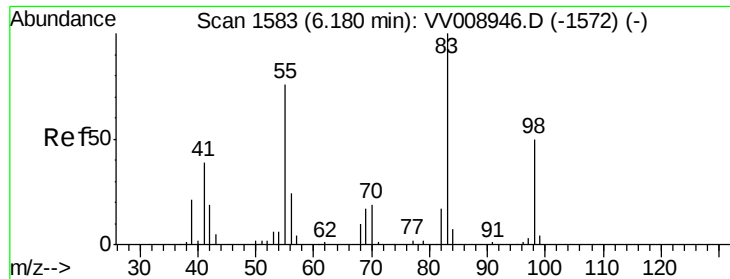
Tgt Ion: 96 Resp: 770
 Ion Ratio Lower Upper
 96 100
 61 1669.1 119.1 221.3#
 63 13460.2 96.0 178.2#



#13
 Acetone
 Concen: 2.315 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. 0.12 min
 Lab File: VV008960.D
 Acq: 15 Dec 2018 03:28

Tgt Ion: 43 Resp: 2707
 Ion Ratio Lower Upper
 43 100
 58 2.3 0.0 61.8

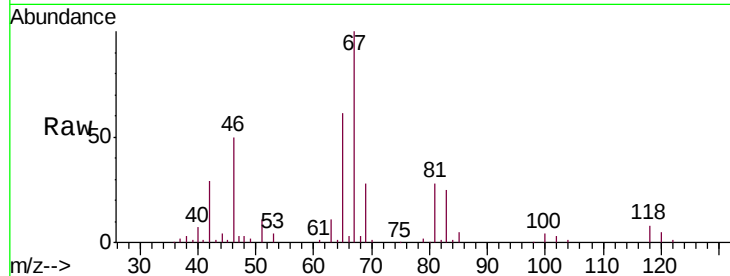




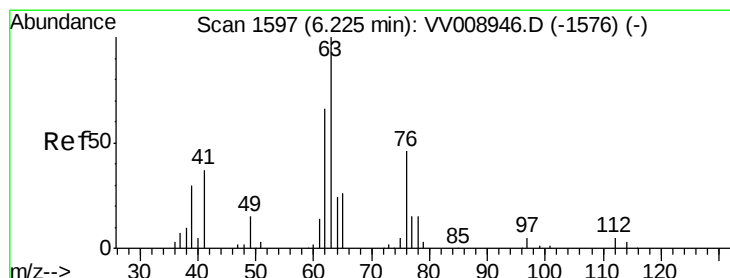
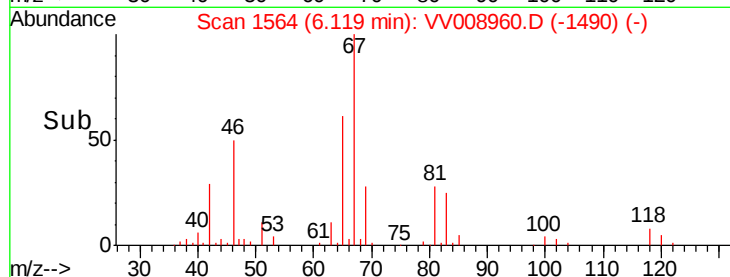
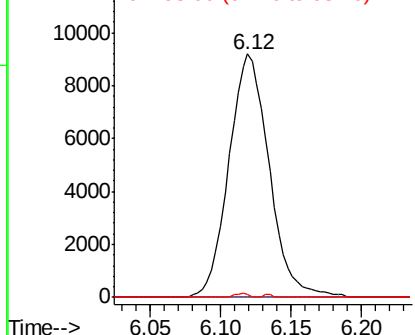
#35
Methylcyclohexane
Concen: 8.366 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008960.D
Acq: 15 Dec 2018 03:28

Instrument :
MSVOA_V
ClientSampleId :
COL98

Tgt Ion: 83 Resp: 18386
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.5 39.0 58.4#

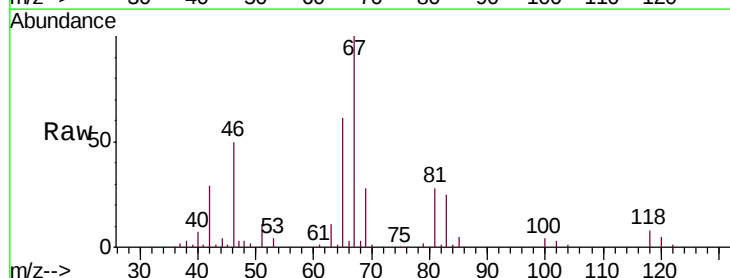


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

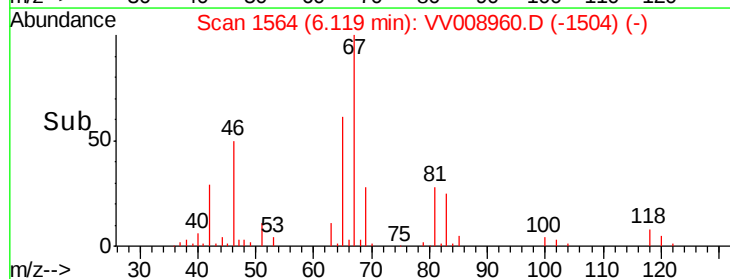
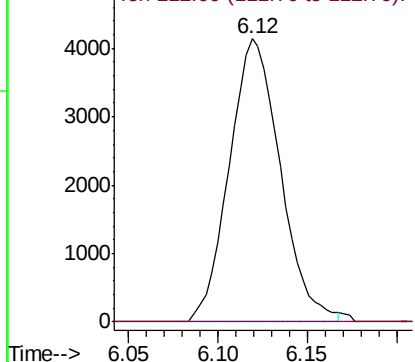


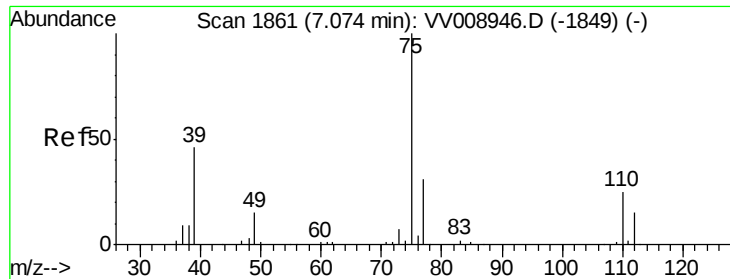
#37
1,2-Dichloropropane
Concen: 6.225 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008960.D
Acq: 15 Dec 2018 03:28

Tgt Ion: 63 Resp: 8262
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



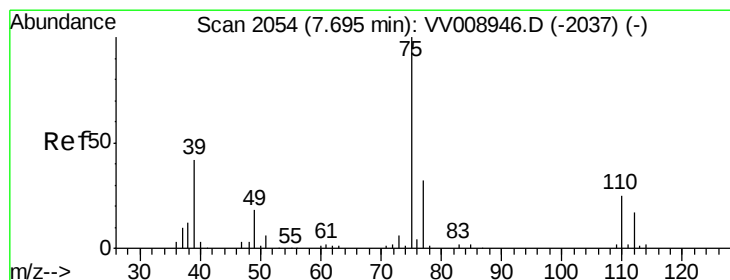
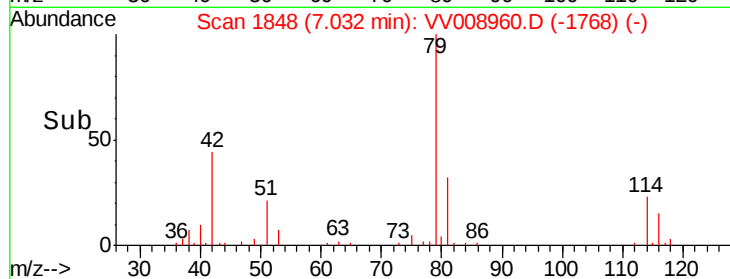
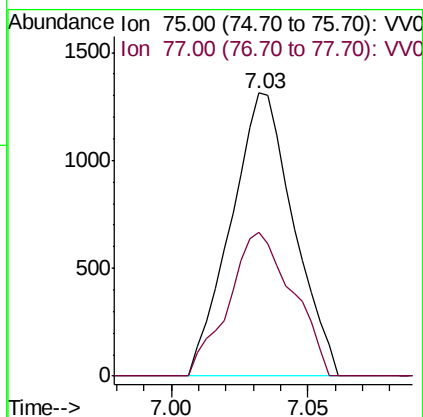
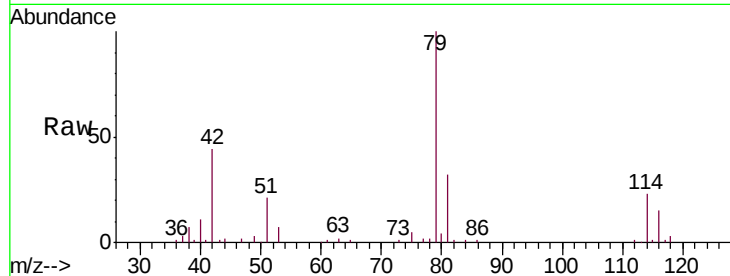


#39

cis-1,3-Dichloropropene
Concen: 0.988 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008960.D
Acq: 15 Dec 2018 03:28

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MSVOA_V
ClientSampled :
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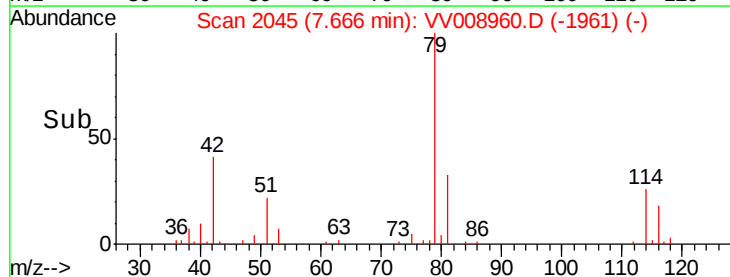
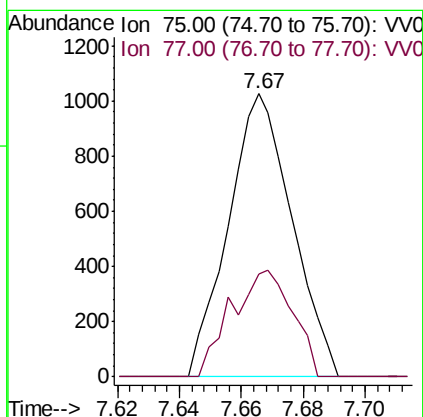
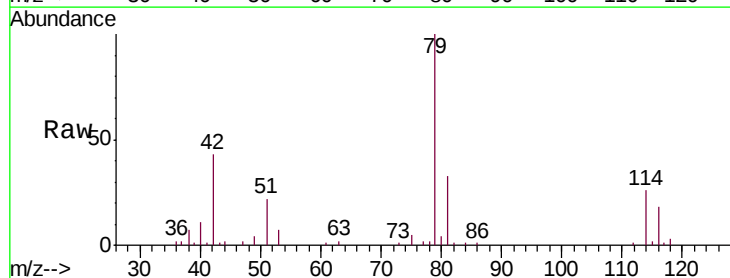
Tgt Ion: 75 Resp: 2091
Ion Ratio Lower Upper
75 100
77 50.9 21.8 40.4#

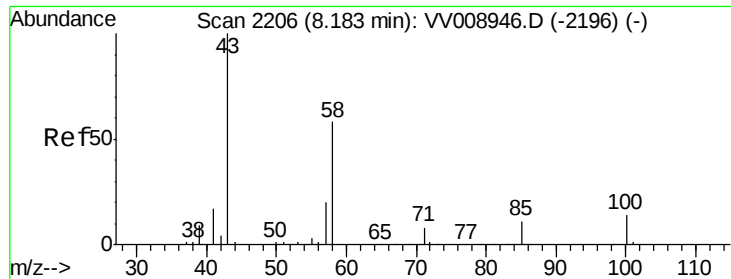


#44

trans-1,3-Dichloropropene
Concen: 0.743 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008960.D
Acq: 15 Dec 2018 03:28

Tgt Ion: 75 Resp: 1466
Ion Ratio Lower Upper
75 100
77 36.5 21.6 40.2

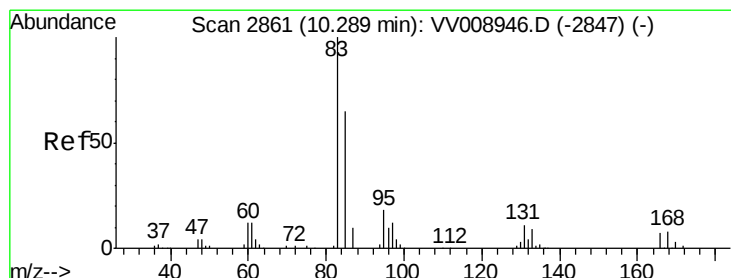
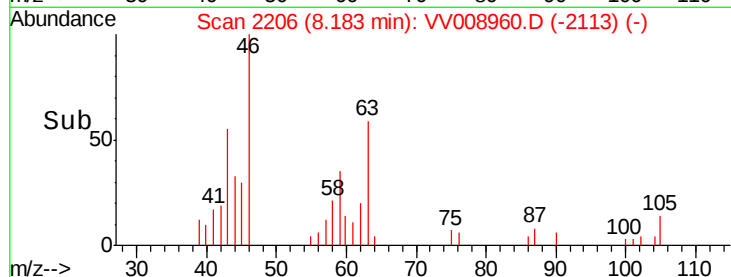
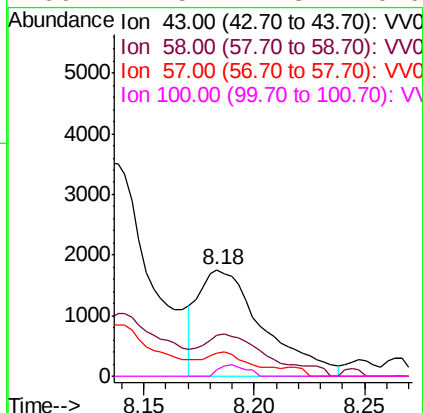
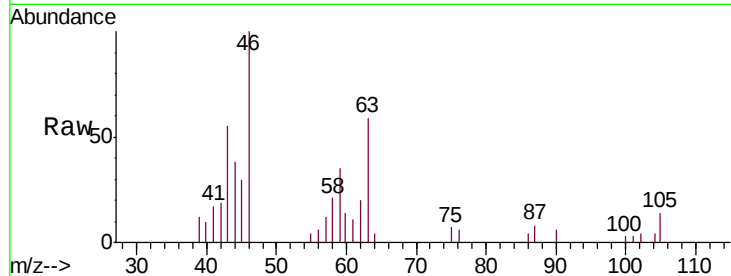




#48
2-Hexanone
Concen: 2.796 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV008960.D
Acq: 15 Dec 2018 03:28

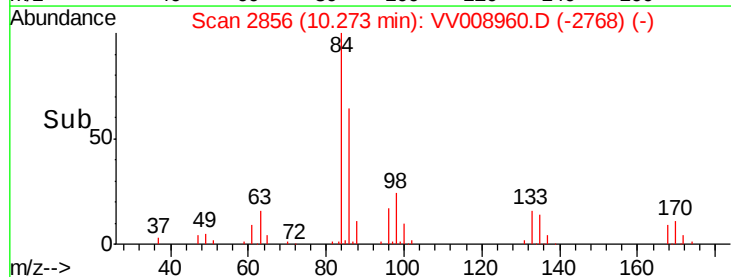
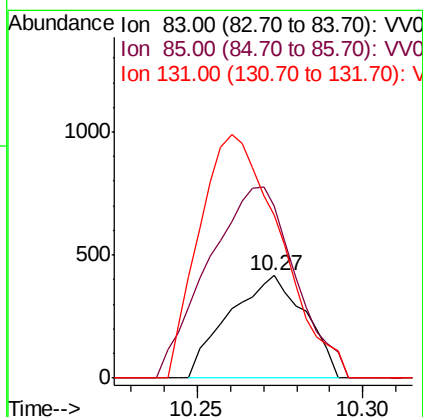
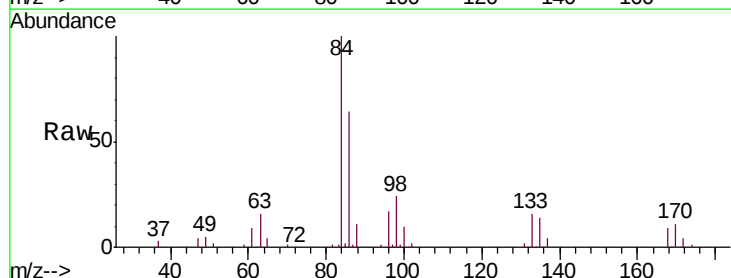
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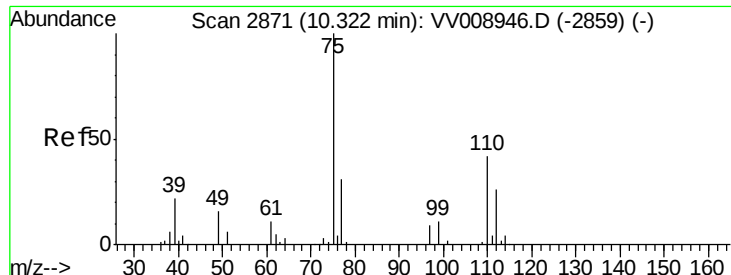
Tgt Ion: 43 Resp: 3570
Ion Ratio Lower Upper
43 100
58 36.9 42.7 64.1#
57 16.3 15.7 23.5
100 4.5 11.3 16.9#



#58
1,1,2,2-Tetrachloroethane
Concen: 0.338 ug/L
RT: 10.27 min Scan# 2856
Delta R.T. -0.02 min
Lab File: VV008960.D
Acq: 15 Dec 2018 03:28

Tgt Ion: 83 Resp: 667
Ion Ratio Lower Upper
83 100
85 168.9 45.3 84.1#
131 159.5 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 4.784 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008960.D

Acq: 15 Dec 2018 03:28

Instrument :

MSVOA_V

ClientSampleId :

COL98

Tgt Ion: 75 Resp: 7996

Ion Ratio Lower Upper

75 100

77 41.2 25.8 38.8#

