

Data File : VV008996.D
Acq On : 17 Dec 2018 22:05
Operator : SY/MD
Sample : J6387-12
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Dec 18 03:41:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198552	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181163	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77413	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55065	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.98%
7) Chloroethane-d5	1.57	69	45671	62.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.18%
11) 1,1-Dichloroethene-d2	2.13	63	106782	39.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.00%
21) 2-Butanone-d5	3.93	46	88903	114.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.83%
24) Chloroform-d	4.41	84	118682	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
26) 1,2-Dichloroethane-d4	5.09	65	80351	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.98%
32) Benzene-d6	5.10	84	247508	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	75129	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.42%
41) Toluene-d8	7.36	98	230504	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.67	79	35258	47.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.78%
47) 2-Hexanone-d5	8.14	63	60487	111.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91894	48.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	80869	50.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.30%

Target Compounds

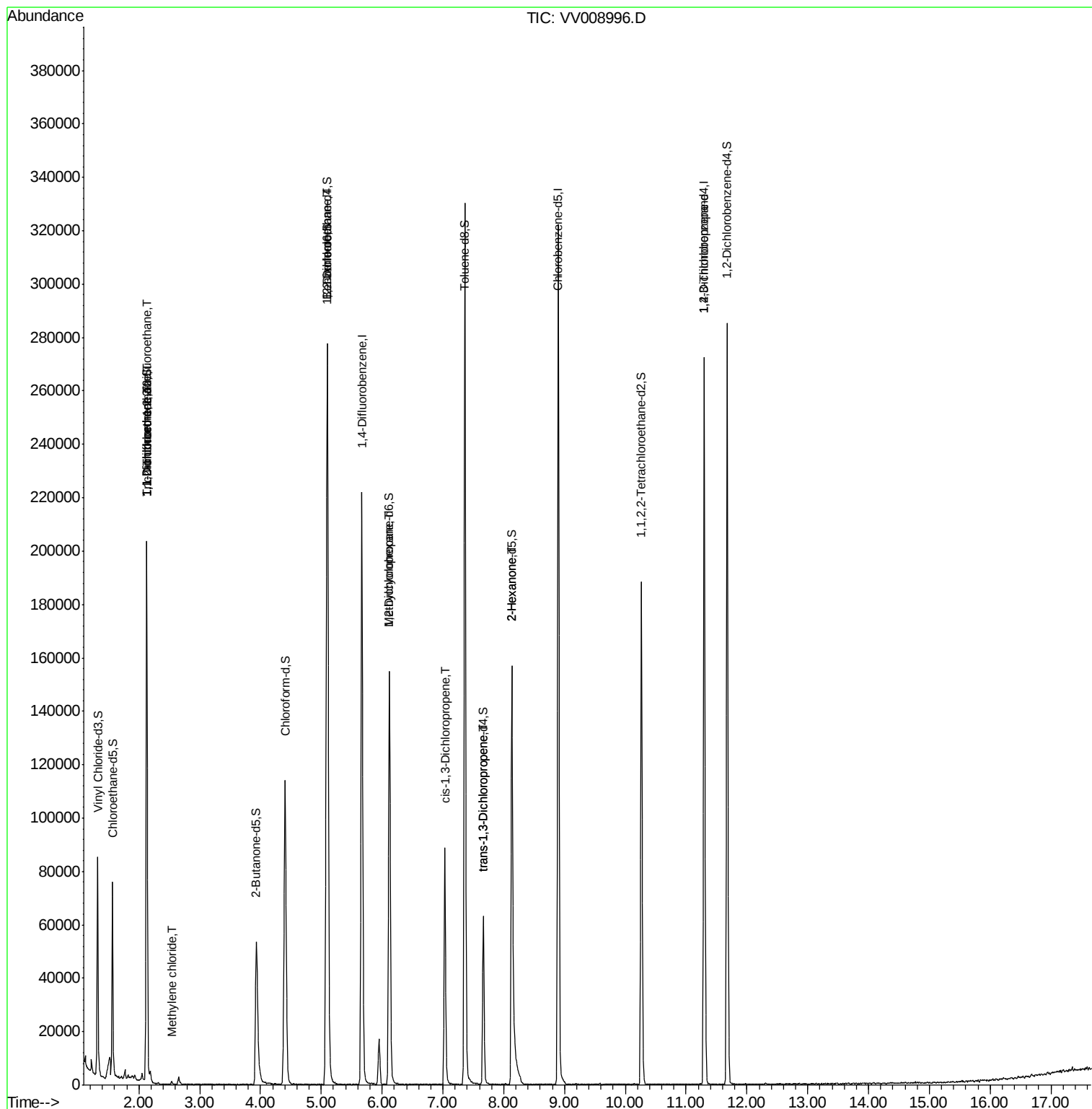
					Qvalue
9) Trichlorofluoromethane	2.13	101	1085	0.490 ug/L #	48
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1085	0.801 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	846	0.686 ug/L #	1
16) Methylene chloride	2.53	84	508	0.370 ug/L #	69
27) 1,2-Dichloroethane	5.10	62	961	0.504 ug/L #	74
35) Methylcyclohexane	6.12	83	19102	8.935 ug/L #	20
39) cis-1,3-Dichloropropene	7.04	75	2110	1.025 ug/L #	68
44) trans-1,3-Dichloropropene	7.67	75	1441	0.751 ug/L #	60
48) 2-Hexanone	8.13	43	7099	5.715 ug/L #	63
59) 1,2,3-Trichloropropane	11.30	75	7927	4.875 ug/L #	86

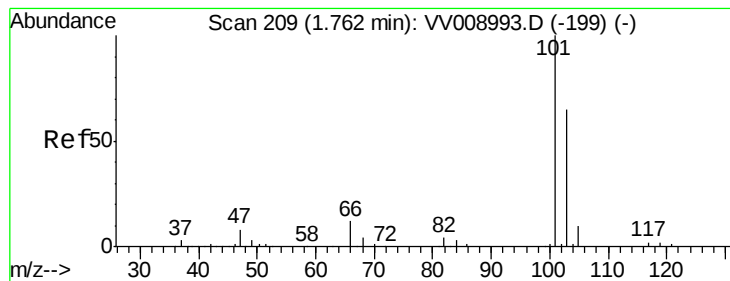
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.490 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008996.D

Acq: 17 Dec 2018 22:05

Instrument :

MSVOA_V

ClientSampleId :

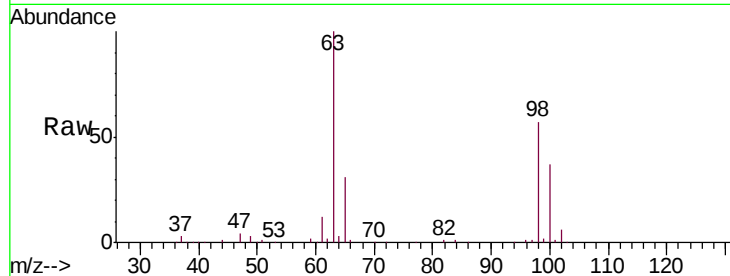
VHBLK01

Tgt Ion:101 Resp: 1085

Ion Ratio Lower Upper

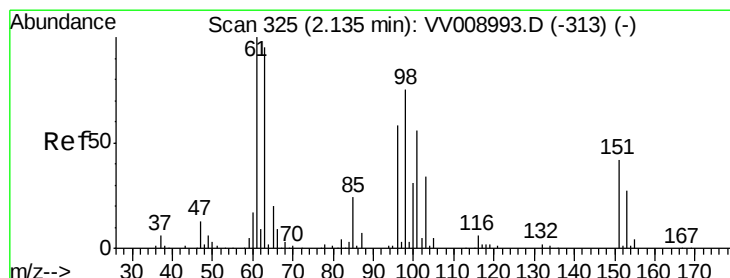
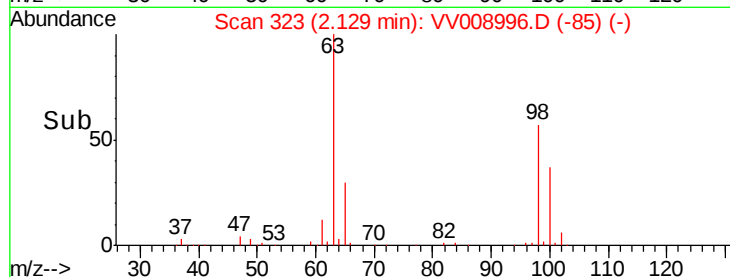
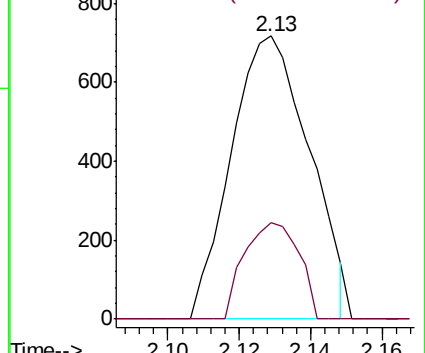
101 100

103 23.8 51.5 77.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.801 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008996.D

Acq: 17 Dec 2018 22:05

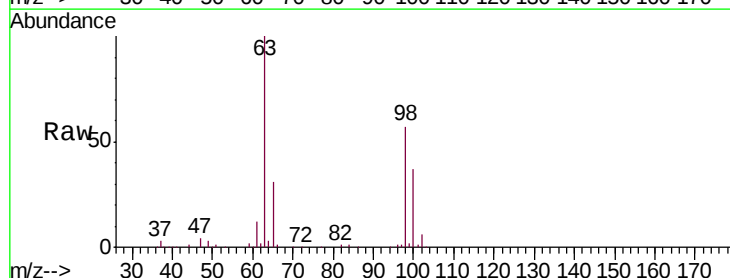
Tgt Ion:101 Resp: 1085

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

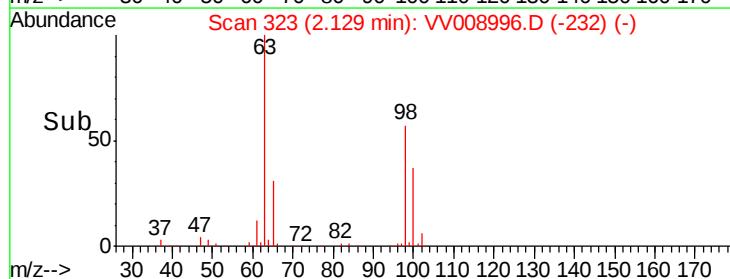
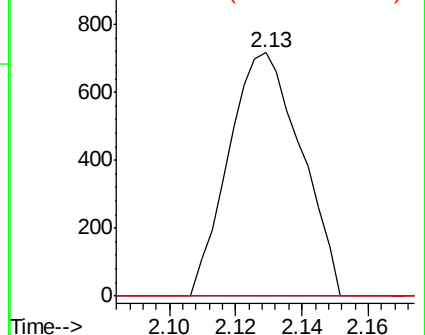
151 0.0 63.8 95.8#

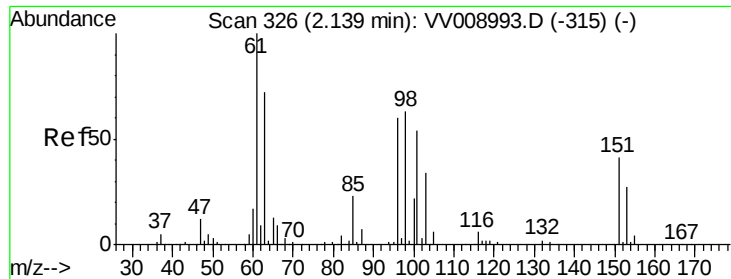


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

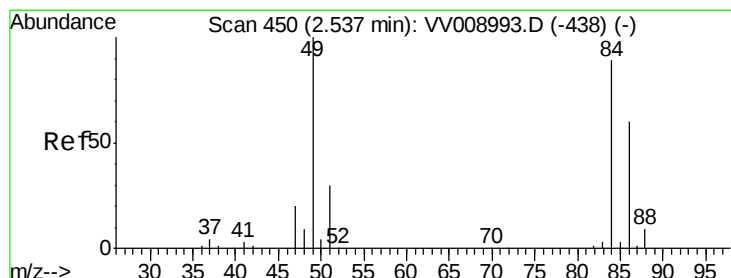
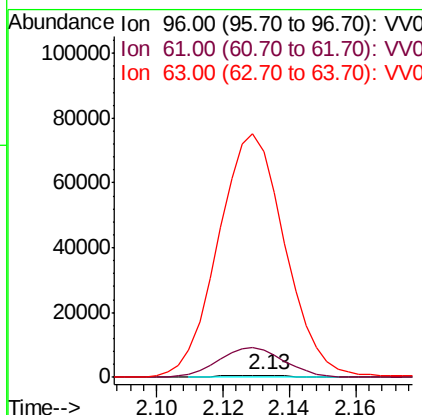
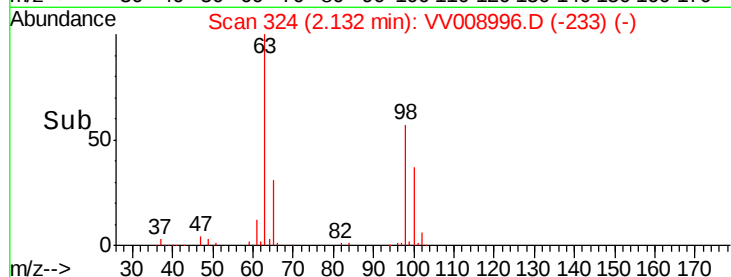
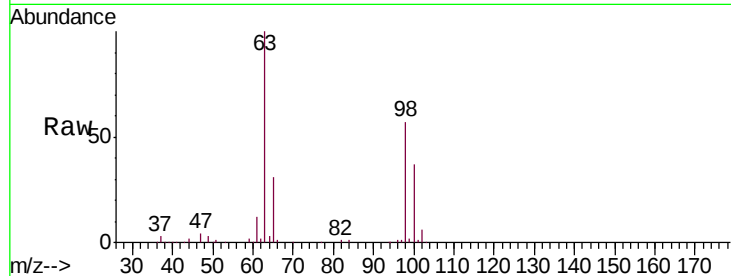




#12
 1,1-Dichloroethene
 Concen: 0.686 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008996.D
 Acq: 17 Dec 2018 22:05

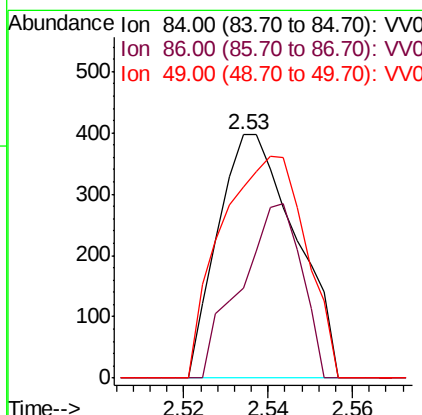
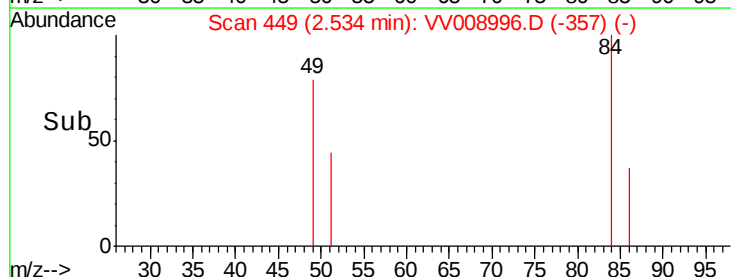
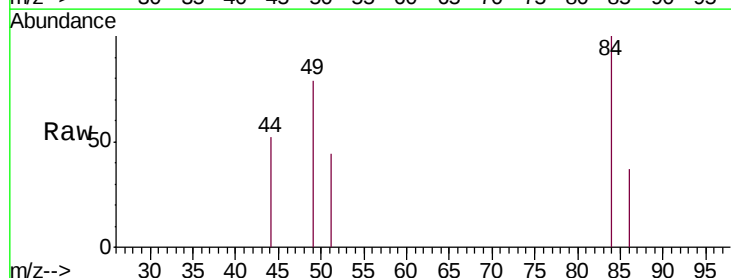
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

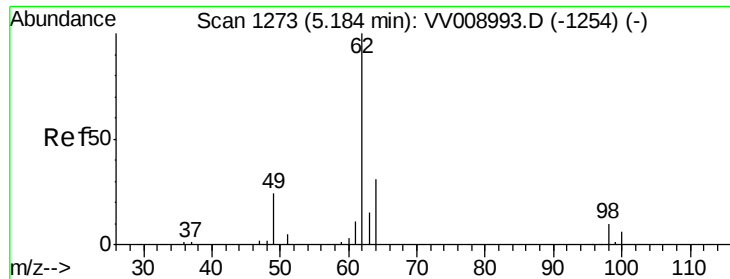
Tgt Ion: 96 Resp: 846
 Ion Ratio Lower Upper
 96 100
 61 1486.6 119.1 221.3#
 63 12478.9 96.0 178.2#



#16
 Methylene chloride
 Concen: 0.370 ug/L
 RT: 2.53 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: VV008996.D
 Acq: 17 Dec 2018 22:05

Tgt Ion: 84 Resp: 508
 Ion Ratio Lower Upper
 84 100
 86 37.0 44.2 82.0#
 49 78.6 77.4 143.8

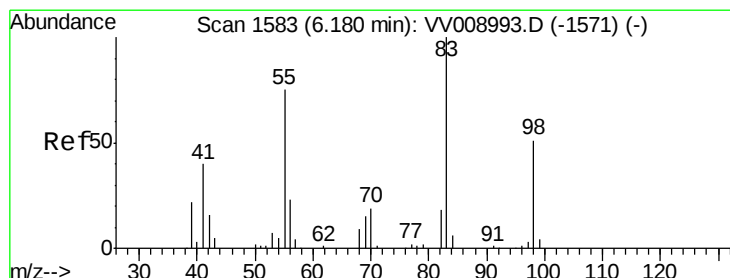
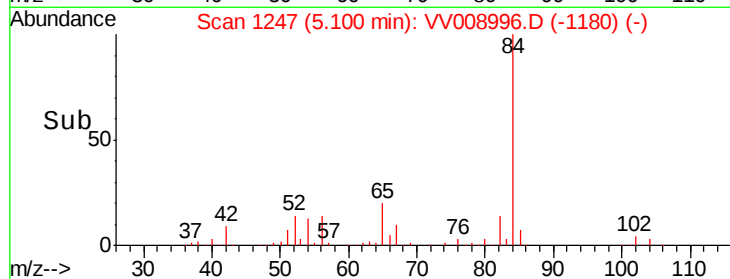
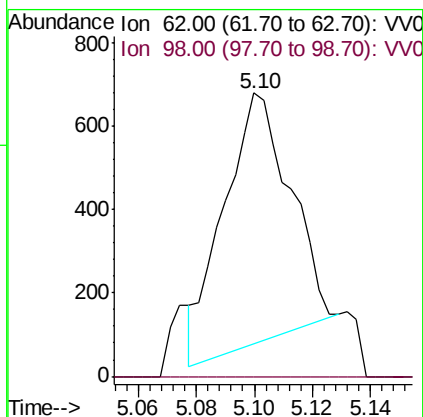
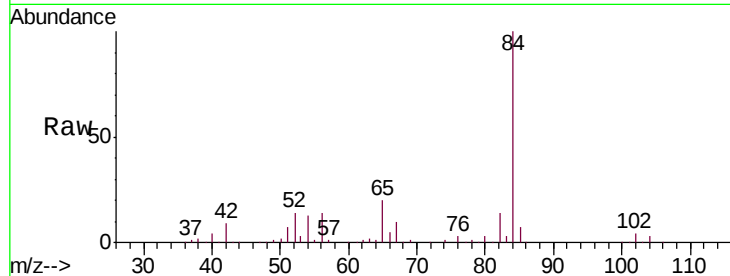




#27
 1,2-Dichloroethane
 Concen: 0.504 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV008996.D
 Acq: 17 Dec 2018 22:05

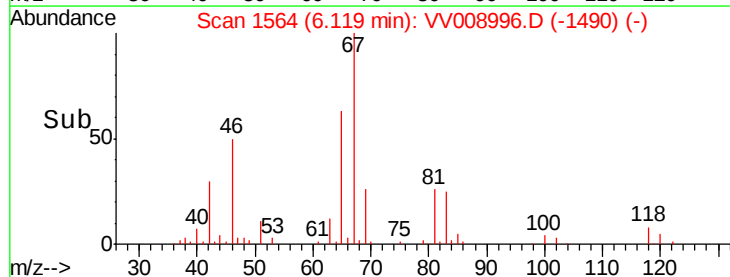
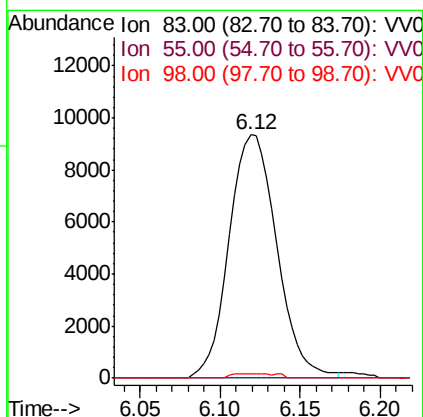
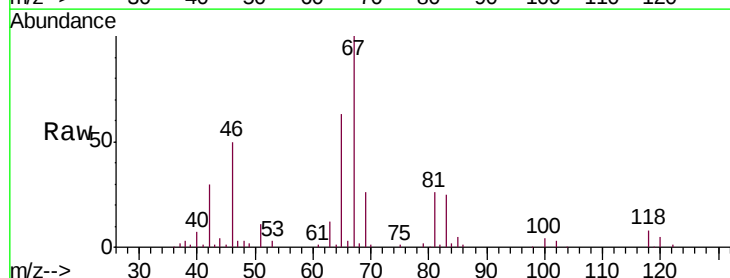
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

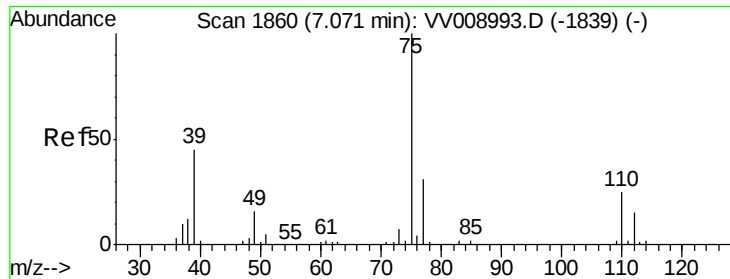
Tgt Ion: 62 Resp: 961
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#35
 Methylcyclohexane
 Concen: 8.935 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.06 min
 Lab File: VV008996.D
 Acq: 17 Dec 2018 22:05

Tgt Ion: 83 Resp: 19102
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.8 86.8#
 98 1.4 39.0 58.4#

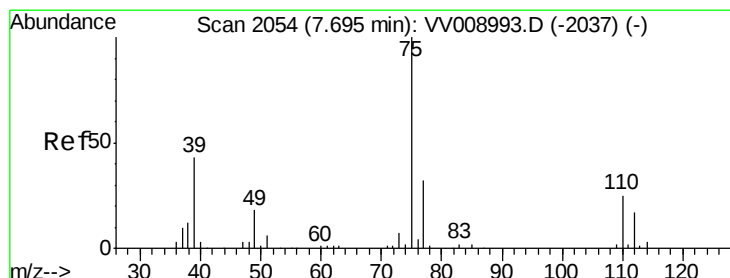
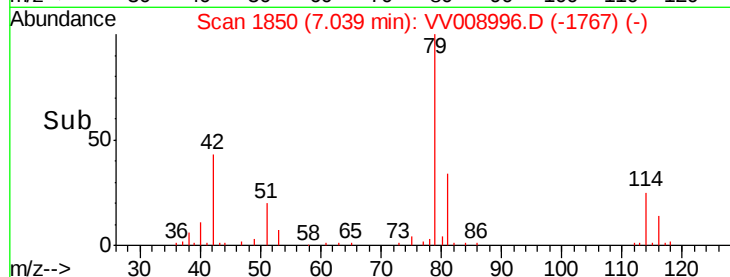
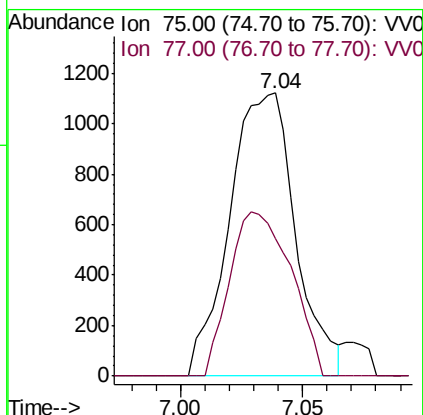
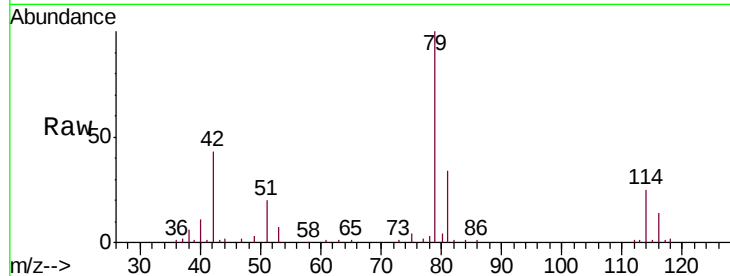




#39
 cis-1,3-Dichloropropene
 Concen: 1.025 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.03 min
 Lab File: VV008996.D
 Acq: 17 Dec 2018 22:05

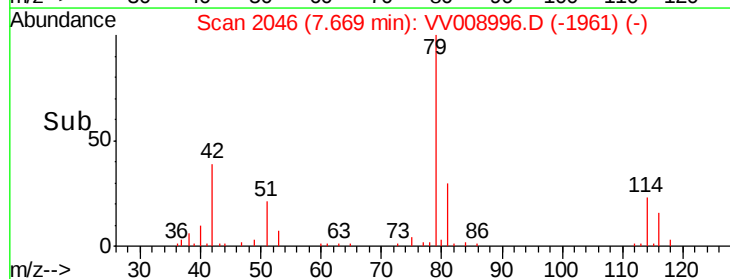
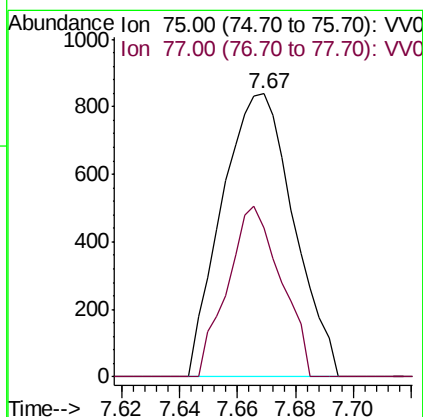
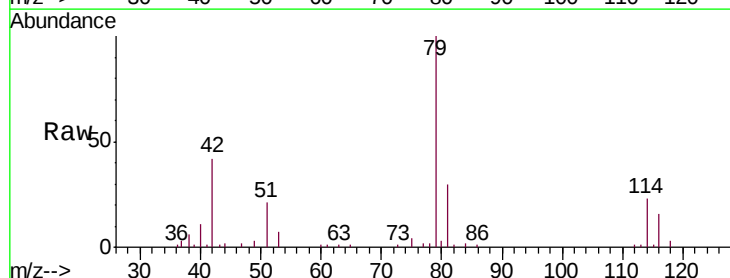
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 MSVOA_V
 ClientSampleId :
 VHBLK01

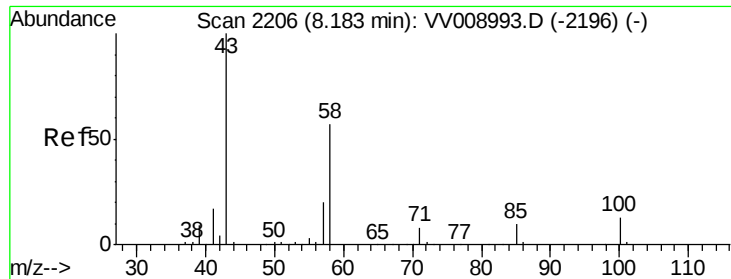
Tgt Ion: 75 Resp: 2110
 Ion Ratio Lower Upper
 75 100
 77 48.6 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.751 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008996.D
 Acq: 17 Dec 2018 22:05

Tgt Ion: 75 Resp: 1441
 Ion Ratio Lower Upper
 75 100
 77 52.7 21.6 40.2#

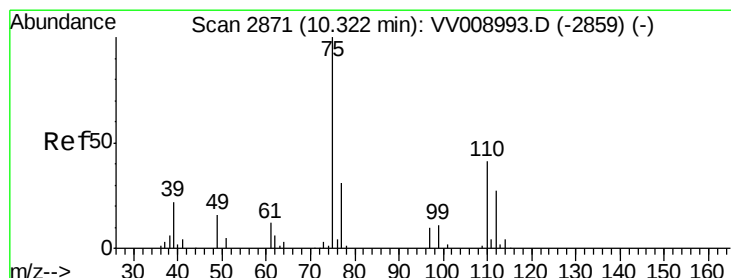
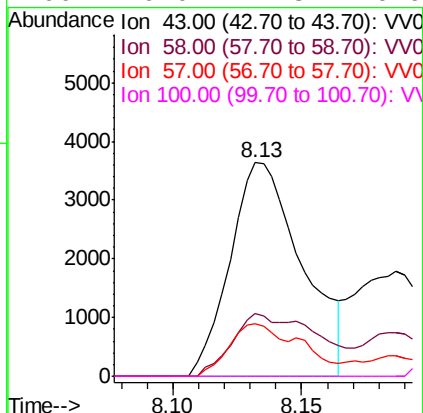
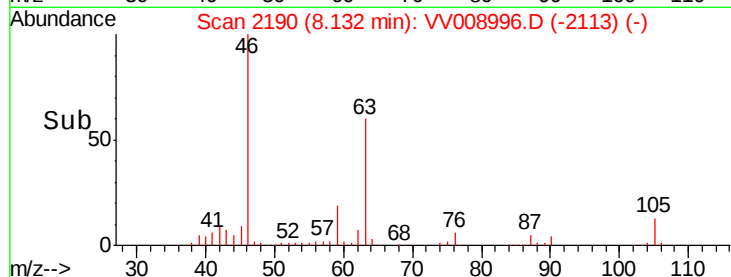
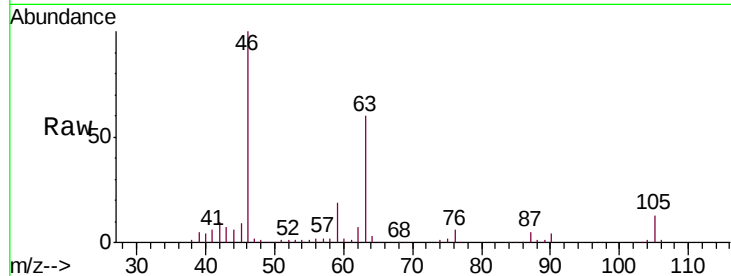




#48
 2-Hexanone
 Concen: 5.715 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV008996.D
 Acq: 17 Dec 2018 22:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 7099
 Ion Ratio Lower Upper
 43 100
 58 18.6 42.7 64.1#
 57 17.7 15.7 23.5
 100 0.0 11.3 16.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.875 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV008996.D
 Acq: 17 Dec 2018 22:05

Tgt Ion: 75 Resp: 7927
 Ion Ratio Lower Upper
 75 100
 77 39.9 25.8 38.8#

