

Data File : VV008984.D
Acq On : 17 Dec 2018 17:17
Operator : SY/MD
Sample : J6367-21
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Dec 18 01:51:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	206724	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190231	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79322	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63123	52.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.58%
7) Chloroethane-d5	1.56	69	44219	58.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.13	63	117374	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.34%
21) 2-Butanone-d5	3.93	46	95584	118.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.58%
24) Chloroform-d	4.41	84	128981	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
26) 1,2-Dichloroethane-d4	5.08	65	87161	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.24%
32) Benzene-d6	5.10	84	271249	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.82%
36) 1,2-Dichloropropane-d6	6.12	67	81986	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.44%
41) Toluene-d8	7.36	98	253836	52.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.50%
43) trans-1,3-Dichloropropene-	7.67	79	38655	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.96%
47) 2-Hexanone-d5	8.13	63	61844	108.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.47%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99608	50.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.16%
64) 1,2-Dichlorobenzene-d4	11.68	152	88656	54.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.38%

Target Compounds

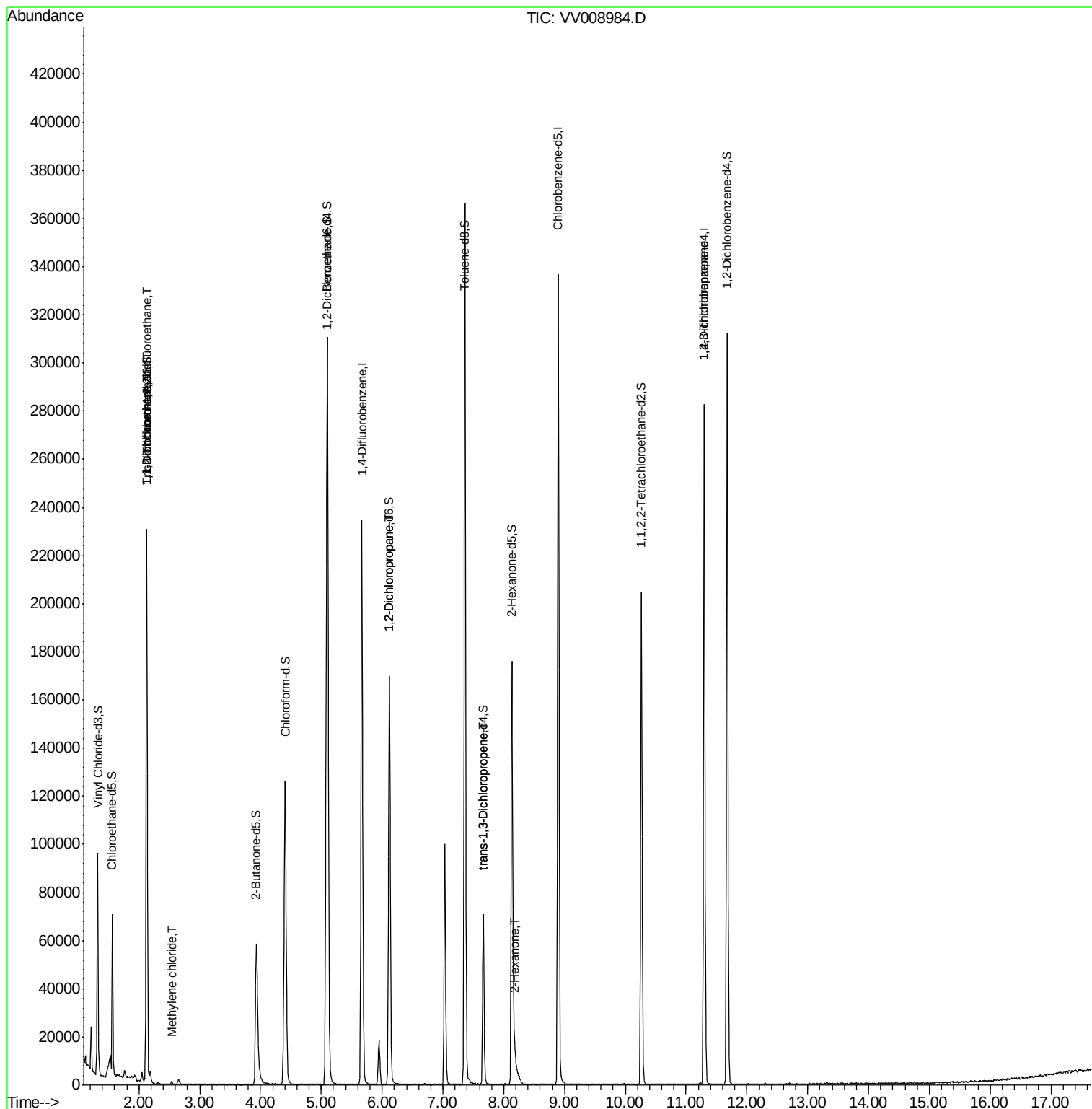
					Qvalue	
9) Trichlorofluoromethane	2.13	101	1160	0.503	ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1182	0.838	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1061	0.827	ug/L #	1
16) Methylene chloride	2.54	84	558	0.390	ug/L #	80
37) 1,2-Dichloropropane	6.12	63	9050	6.676	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1759	0.873	ug/L	85
48) 2-Hexanone	8.19	43	3120	2.392	ug/L #	84
59) 1,2,3-Trichloropropane	11.30	75	8444	4.946	ug/L	90

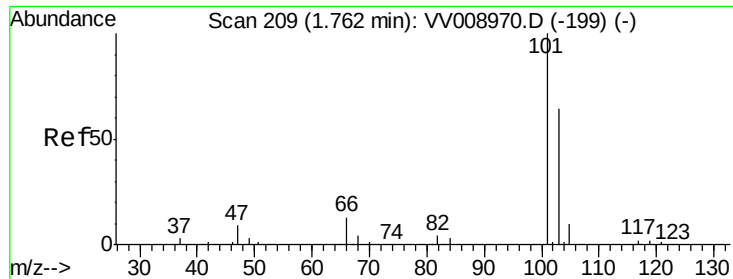
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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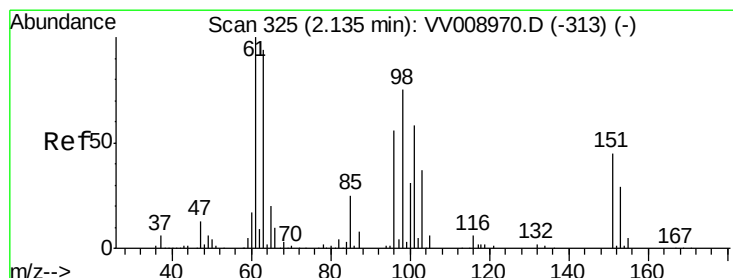
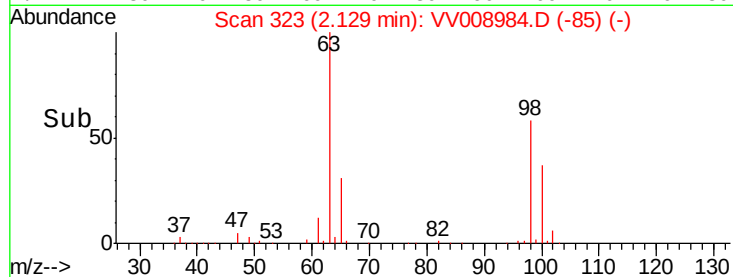
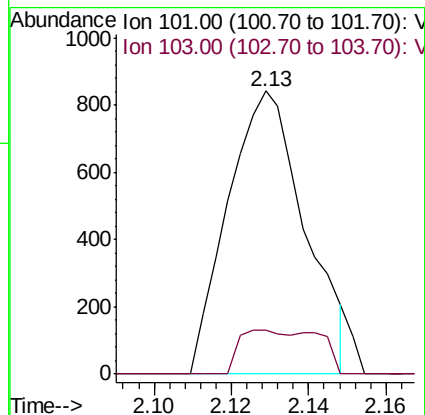
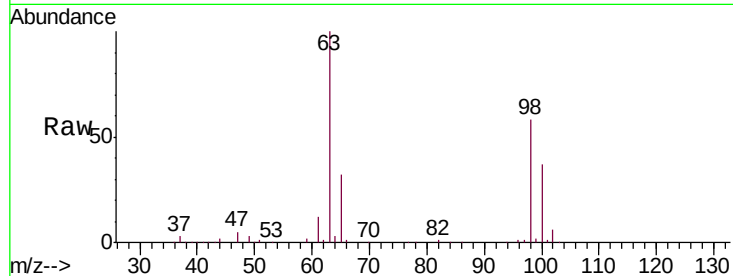


#9

Trichlorofluoromethane
Concen: 0.503 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV008984.D
Acq: 17 Dec 2018 17:17

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

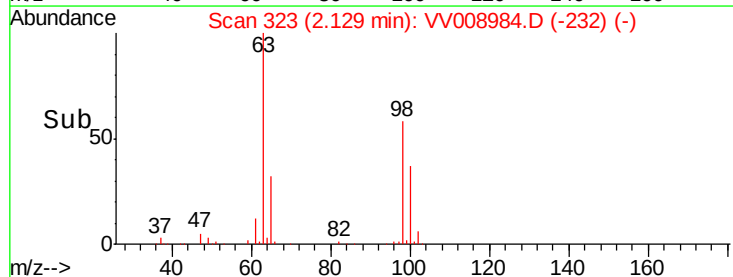
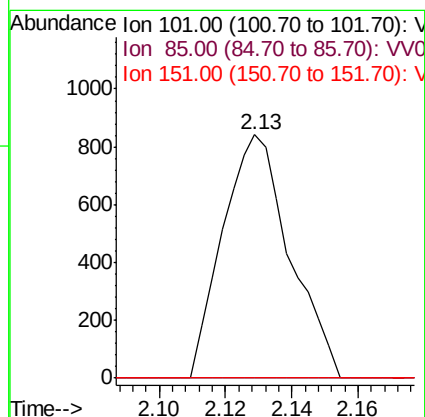
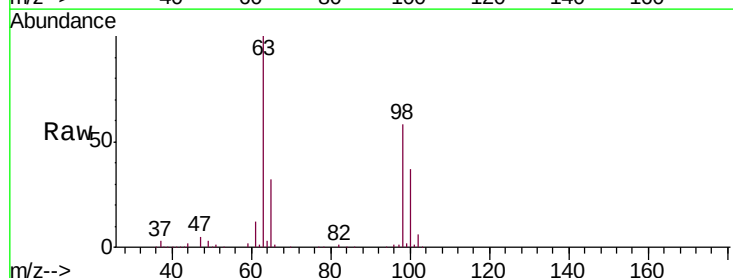
Tgt Ion:101 Resp: 1160
Ion Ratio Lower Upper
101 100
103 10.3 51.5 77.3#

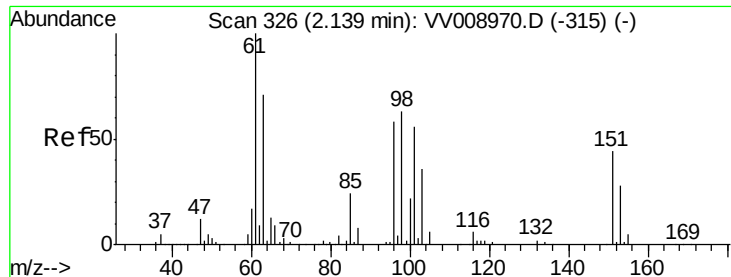


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.838 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008984.D
Acq: 17 Dec 2018 17:17

Tgt Ion:101 Resp: 1182
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 63.8 95.8#

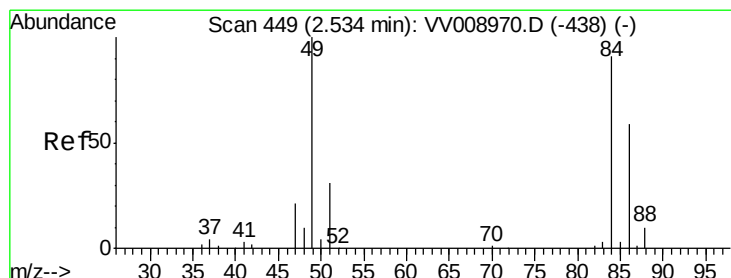
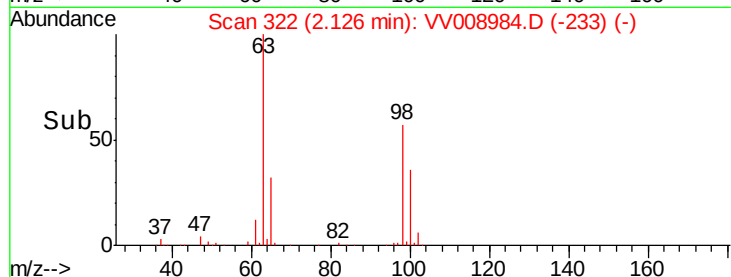
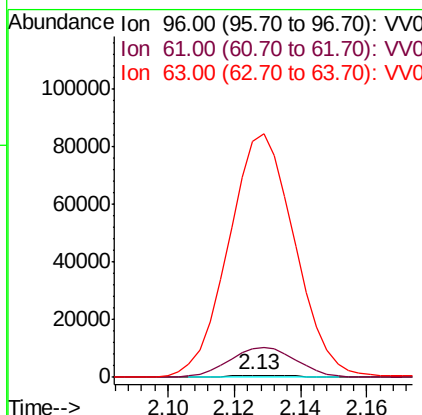
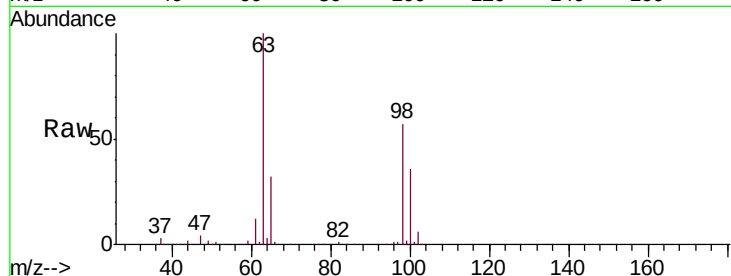




#12
 1,1-Dichloroethene
 Concen: 0.827 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008984.D
 Acq: 17 Dec 2018 17:17

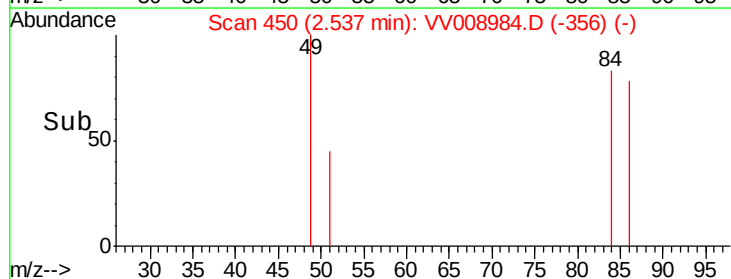
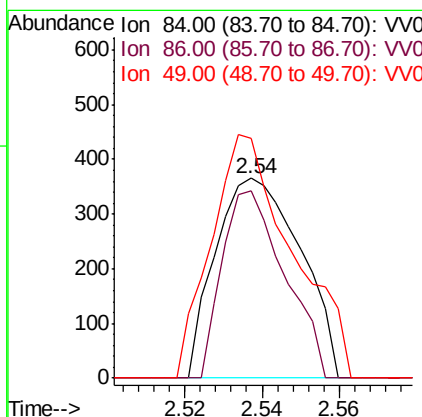
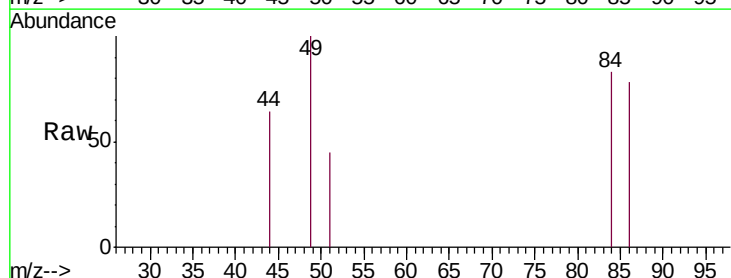
Instrument :
 MSVOA_V
 ClientSampled :
 VHBLK01

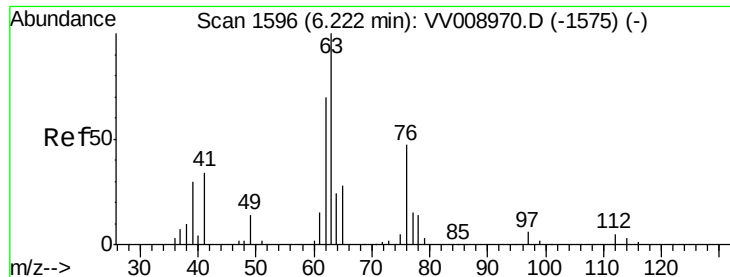
Tgt Ion: 96 Resp: 1061
 Ion Ratio Lower Upper
 96 100
 61 1369.8 119.1 221.3#
 63 11404.8 96.0 178.2#



#16
 Methylene chloride
 Concen: 0.390 ug/L
 RT: 2.54 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: VV008984.D
 Acq: 17 Dec 2018 17:17

Tgt Ion: 84 Resp: 558
 Ion Ratio Lower Upper
 84 100
 86 93.7 44.2 82.0#
 49 120.0 77.4 143.8

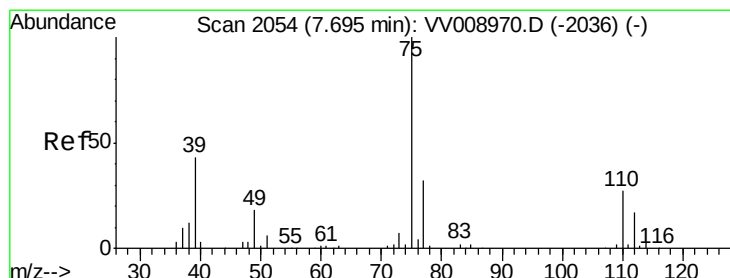
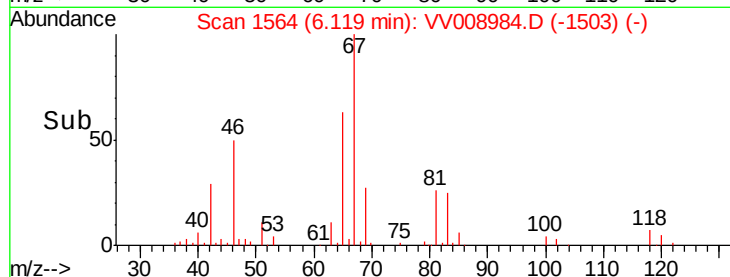
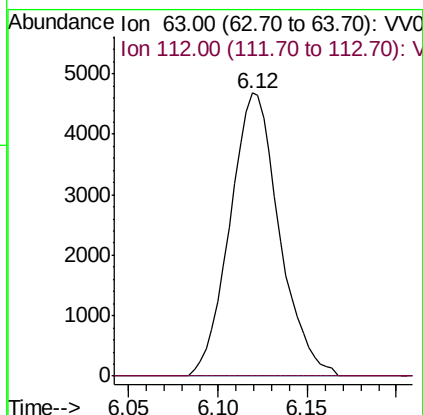
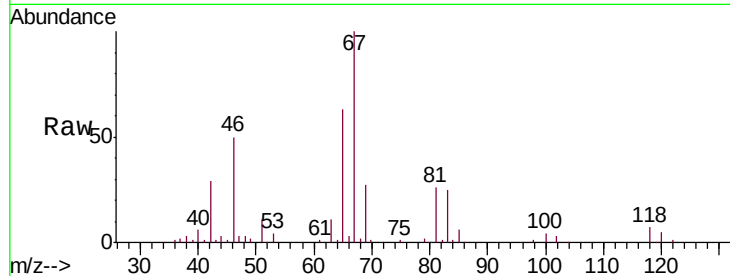




#37
 1,2-Dichloropropane
 Concen: 6.676 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008984.D
 Acq: 17 Dec 2018 17:17

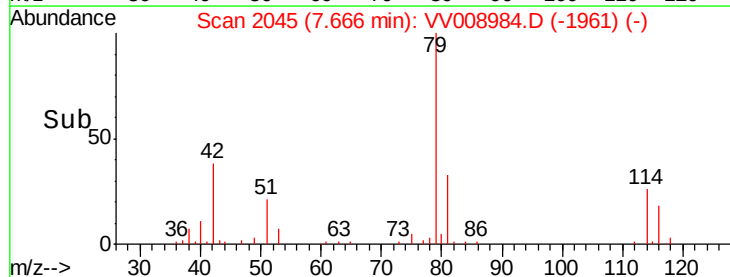
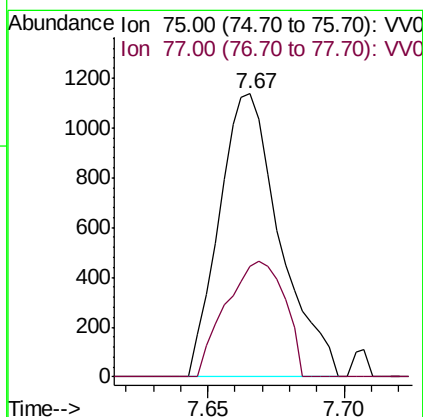
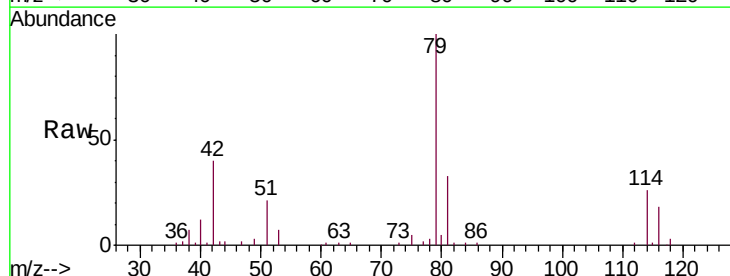
Instrument :
 MSVOA_V
 ClientSampled :
 VHBLK01

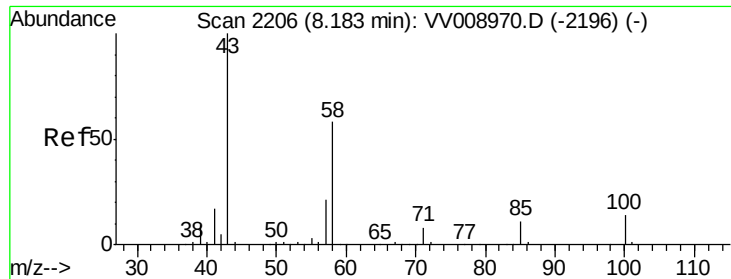
Tgt Ion: 63 Resp: 9050
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.873 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008984.D
 Acq: 17 Dec 2018 17:17

Tgt Ion: 75 Resp: 1759
 Ion Ratio Lower Upper
 75 100
 77 39.2 21.6 40.2

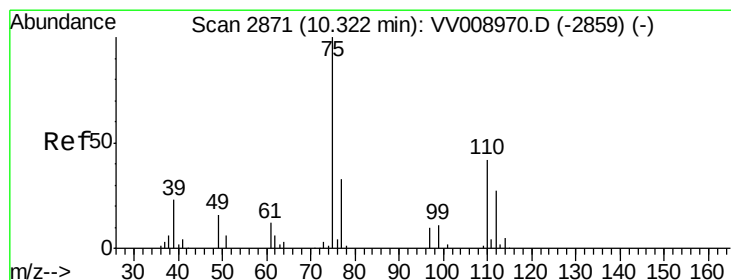
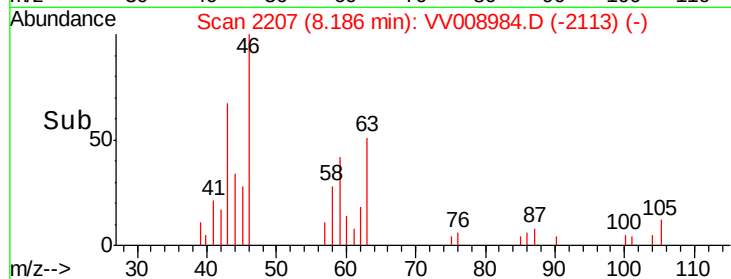
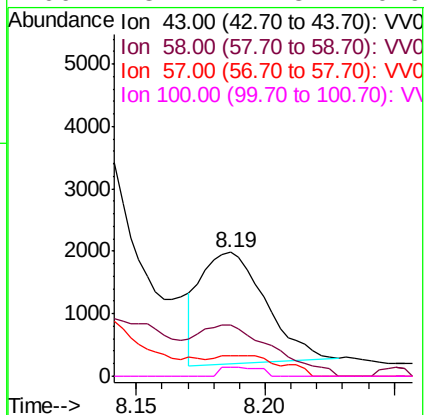
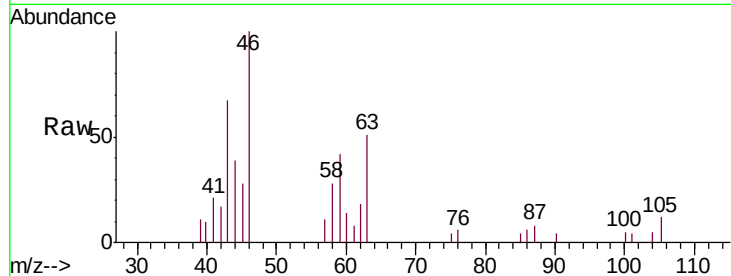




#48
2-Hexanone
Concen: 2.392 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV008984.D
Acq: 17 Dec 2018 17:17

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 3120
Ion Ratio Lower Upper
43 100
58 56.1 42.7 64.1
57 0.0 15.7 23.5#
100 3.4 11.3 16.9#



#59
1,2,3-Trichloropropane
Concen: 4.946 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008984.D
Acq: 17 Dec 2018 17:17

Tgt Ion: 75 Resp: 8444
Ion Ratio Lower Upper
75 100
77 37.8 25.8 38.8

