

Data File : VV011928.D
Acq On : 17 Jul 2019 22:18
Operator : SY/MD
Sample : K3772-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jul 18 02:24:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	156700	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152314	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64545	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55496	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	45112	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	74429	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.94	46	152610	52.50	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.00%
24) Chloroform-d	4.40	84	110925	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.08	65	61098	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	224563	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	68459	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	190801	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.67	79	21202	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.13	63	94502	46.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43848	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	68505	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

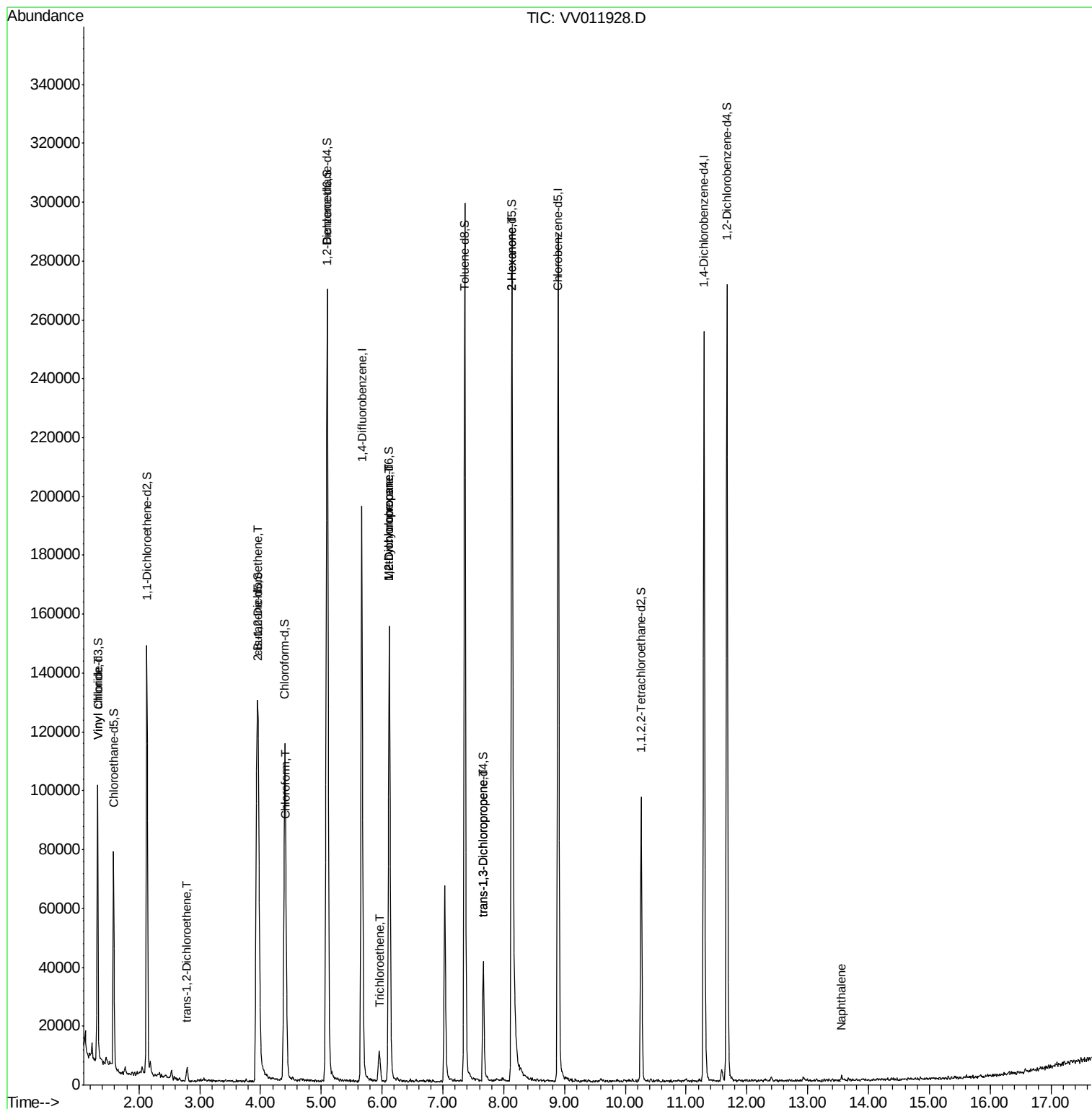
					Qvalue	
5) Vinyl chloride	1.32	62	2872	0.192	ug/L #	62
18) trans-1,2-Dichloroethene	2.79	96	1602	0.136	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	44053	3.644	ug/L	98
25) Chloroform	4.43	83	4731	0.198	ug/L	95
34) Trichloroethene	5.96	95	1424	0.108	ug/L #	78
35) Methylcyclohexane	6.12	83	16979	0.845	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8343	0.717	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1036	0.082	ug/L	86
48) 2-Hexanone	8.13	43	13218	2.641	ug/L #	75
69) Naphthalene	13.56	128	1365	0.069	ug/L #	88

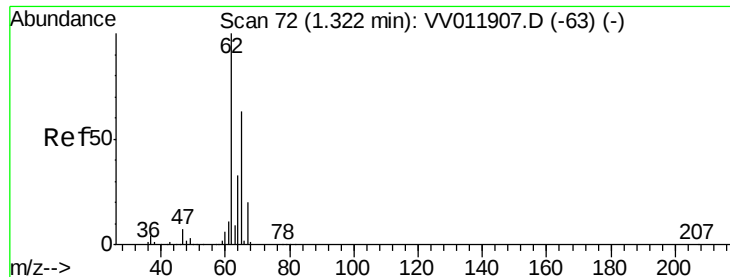
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.192 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV011928.D

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Instrument :

MSVOA_V

ClientSampleId :

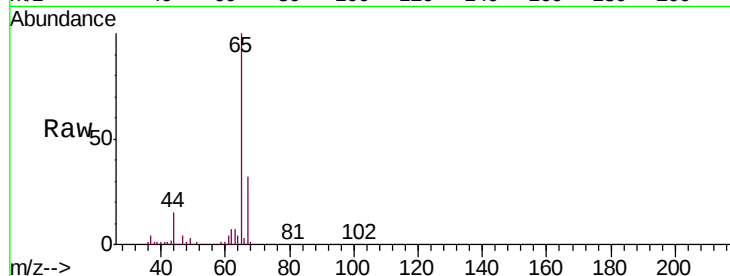
VHBLK01

Tgt Ion: 62 Resp: 2872

Ion Ratio Lower Upper

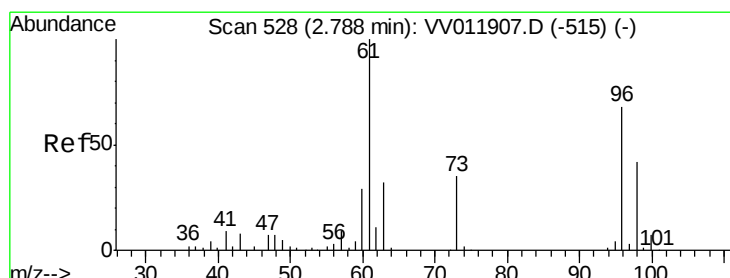
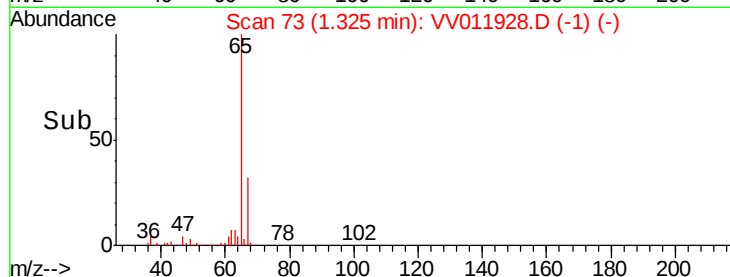
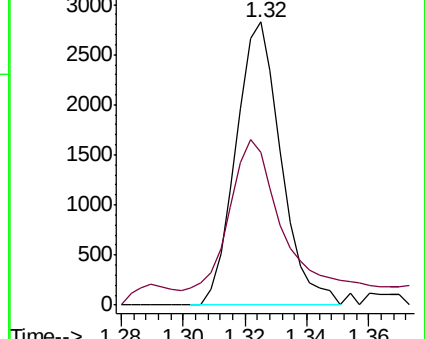
62 100

64 54.1 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.136 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV011928.D

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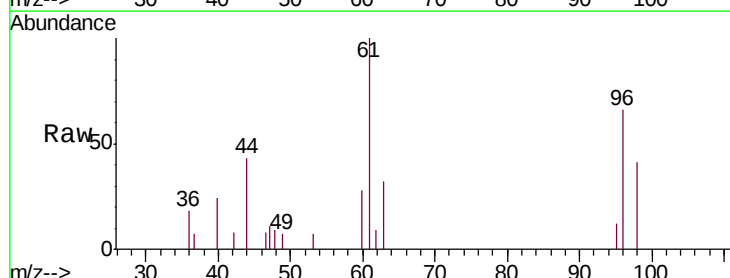
Tgt Ion: 96 Resp: 1602

Ion Ratio Lower Upper

96 100

61 151.3 102.2 189.8

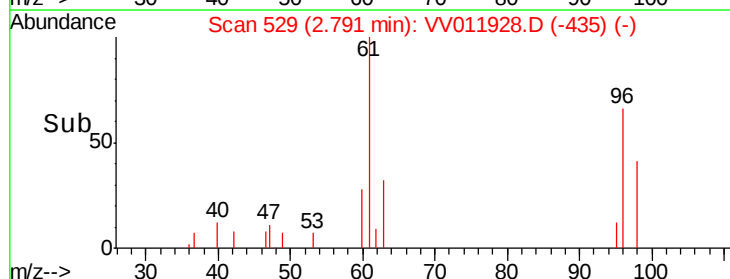
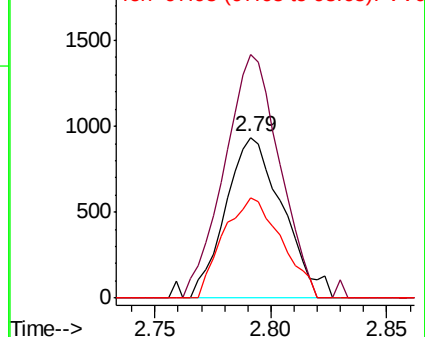
98 62.0 44.4 82.5

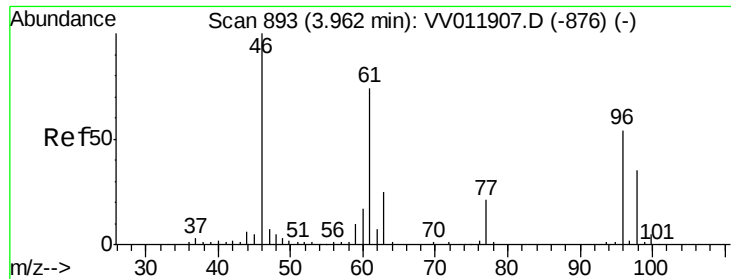


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

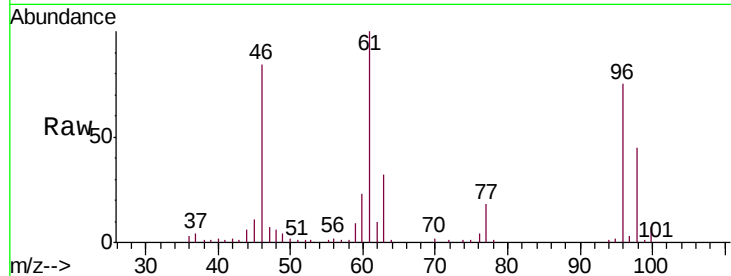




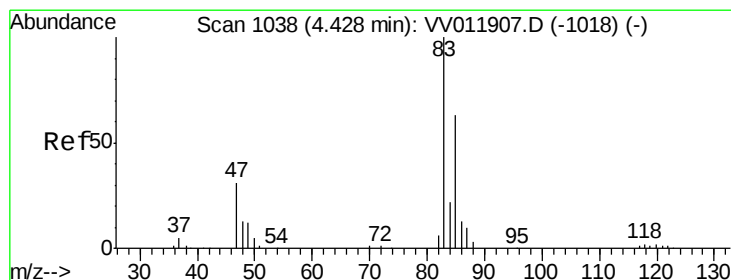
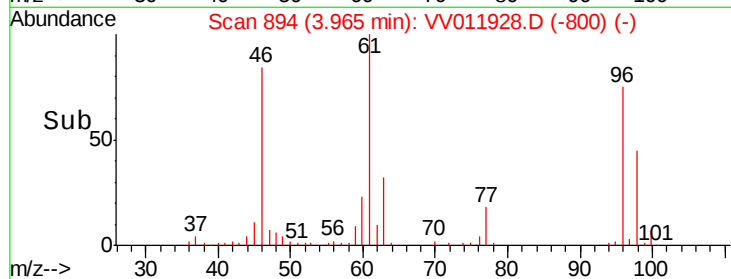
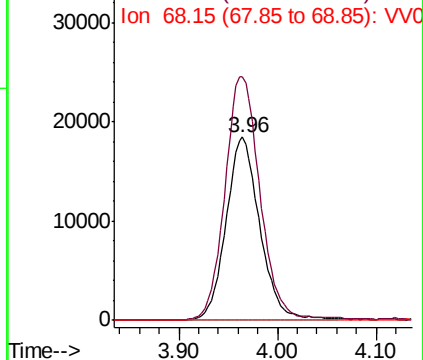
#22
 cis-1,2-Dichloroethene
 Concen: 3.644 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV011928.D
 Acq: 17 Jul 2019 22:18

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 96 Resp: 44053
 Ion Ratio Lower Upper
 96 100
 61 133.1 95.2 176.8
 68 0.0 0.0 0.0

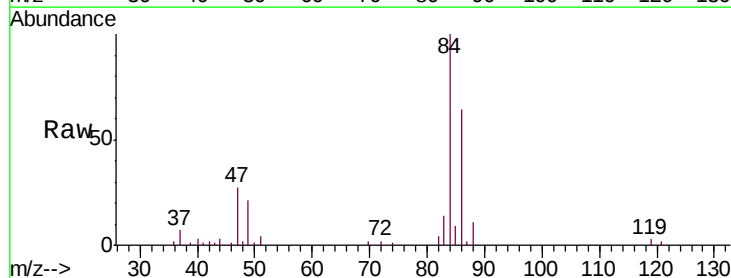


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

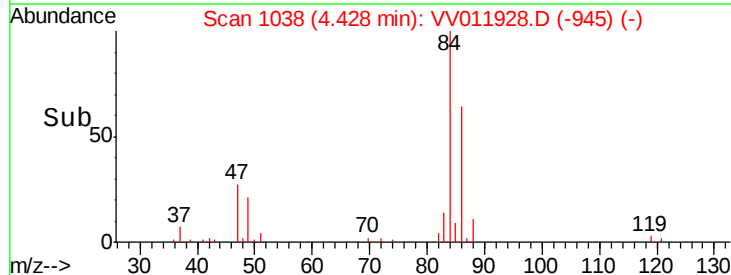
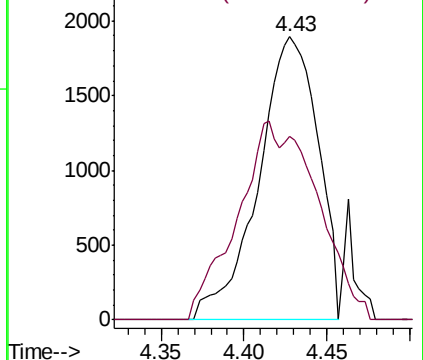


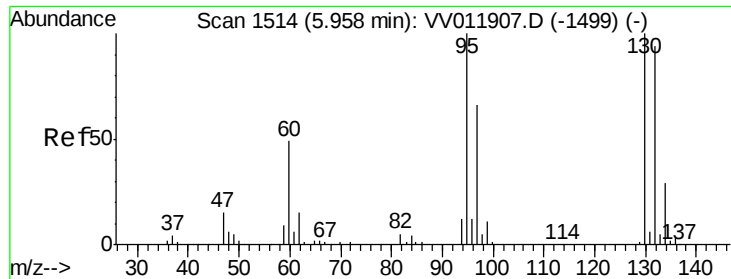
#25
 Chloroform
 Concen: 0.198 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VV011928.D
 Acq: 17 Jul 2019 22:18

Tgt Ion: 83 Resp: 4731
 Ion Ratio Lower Upper
 83 100
 85 64.8 42.5 78.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

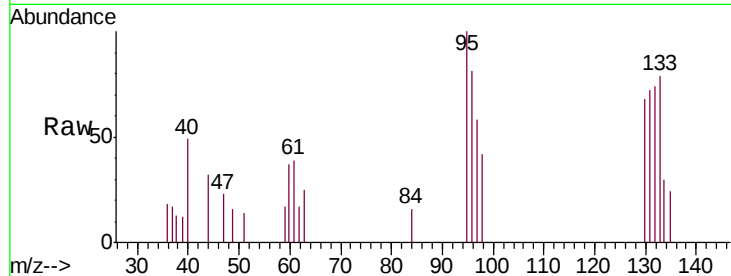




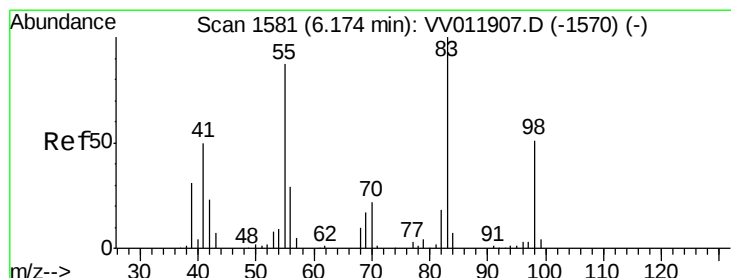
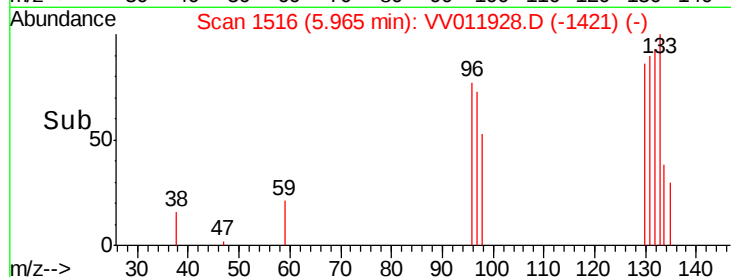
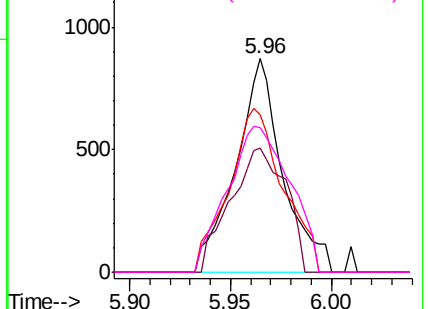
#34
 Trichloroethene
 Concen: 0.108 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV011928.D
 Acq: 17 Jul 2019 22:18

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 95 Resp: 1424
 Ion Ratio Lower Upper
 95 100
 97 58.3 44.0 81.6
 132 73.7 67.0 124.4
 130 68.0 69.1 128.3#

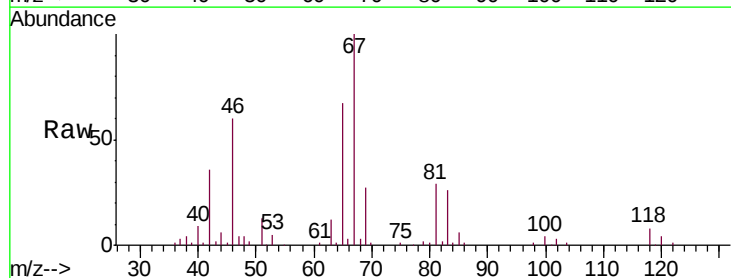


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

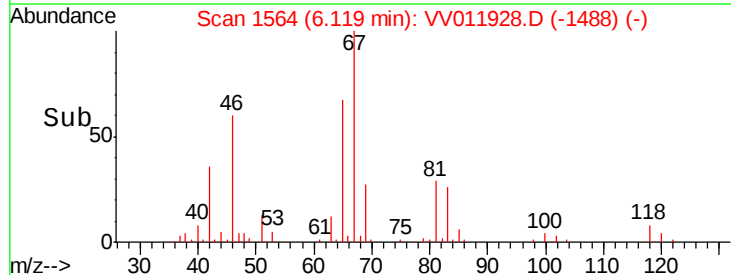
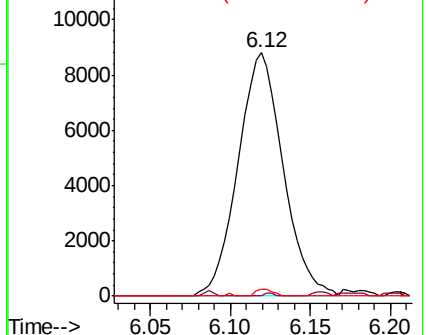


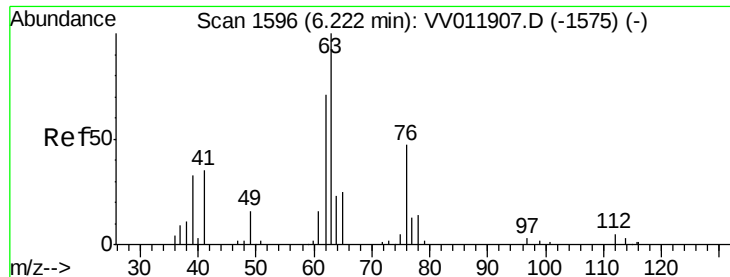
#35
 Methylcyclohexane
 Concen: 0.845 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV011928.D
 Acq: 17 Jul 2019 22:18

Tgt Ion: 83 Resp: 16979
 Ion Ratio Lower Upper
 83 100
 55 0.3 66.7 100.1#
 98 1.1 39.0 58.4#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0

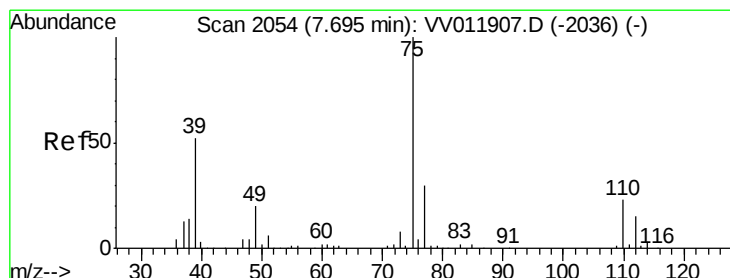
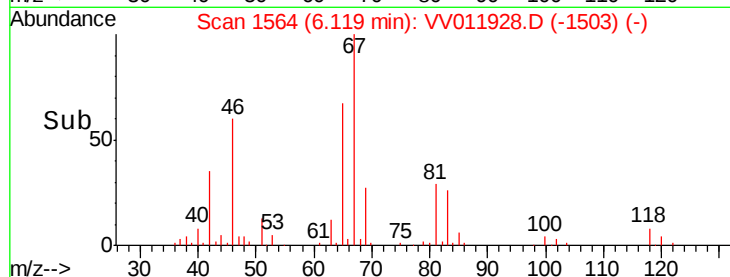
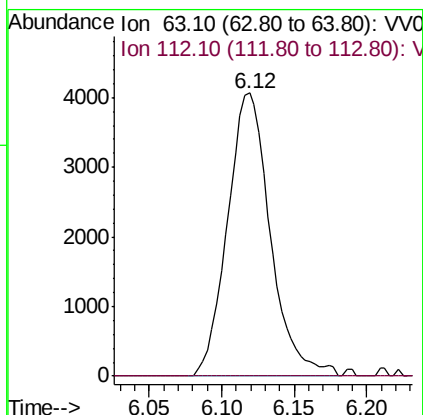
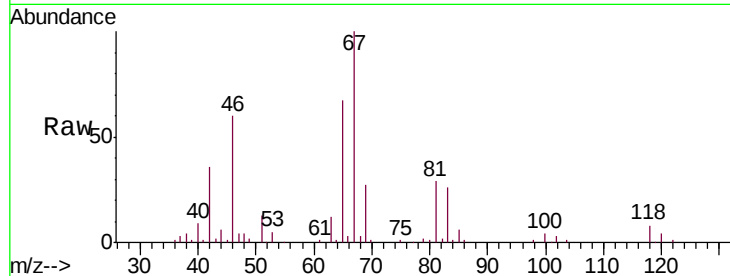




#37
 1,2-Dichloropropane
 Concen: 0.717 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011928.D
 Acq: 17 Jul 2019 22:18

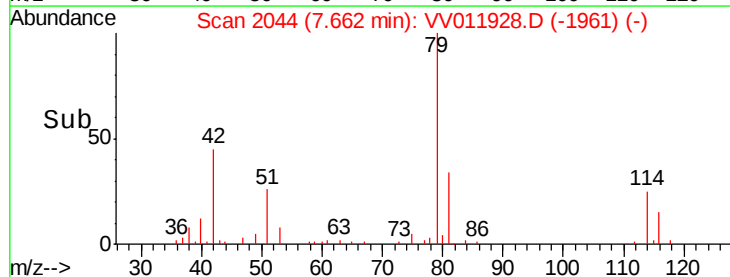
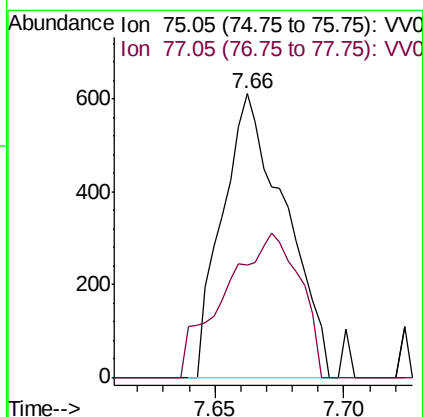
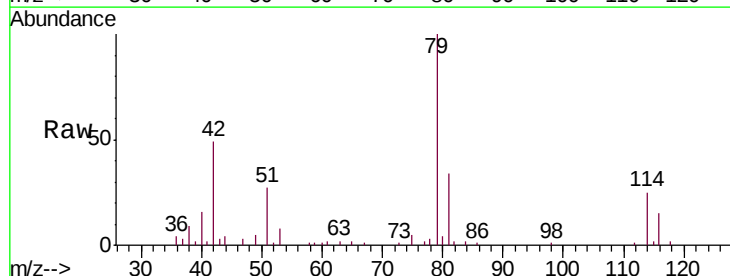
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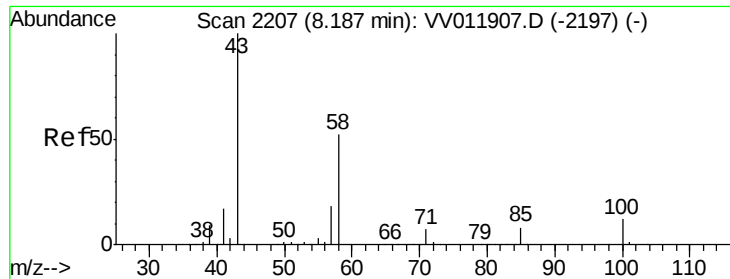
Tgt Ion: 63 Resp: 8343
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV011928.D
 Acq: 17 Jul 2019 22:18

Tgt Ion: 75 Resp: 1036
 Ion Ratio Lower Upper
 75 100
 77 39.8 22.3 41.3





#48

2-Hexanone

Concen: 2.641 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011928.D

Acq: 17 Jul 2019 22:18

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 13218

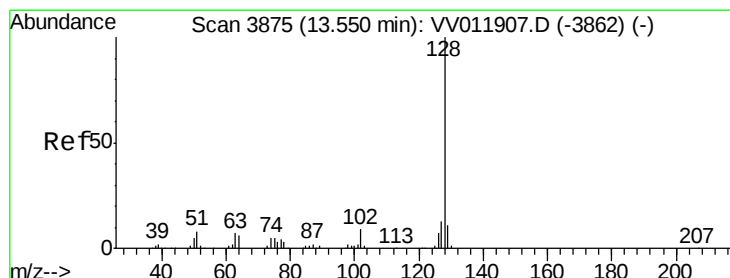
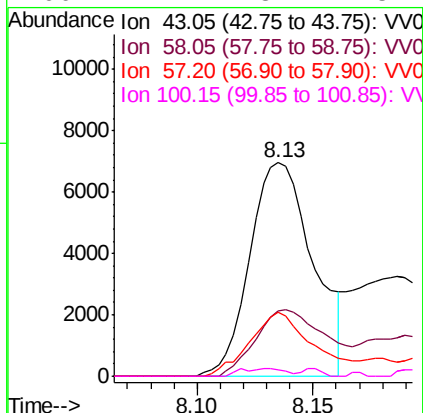
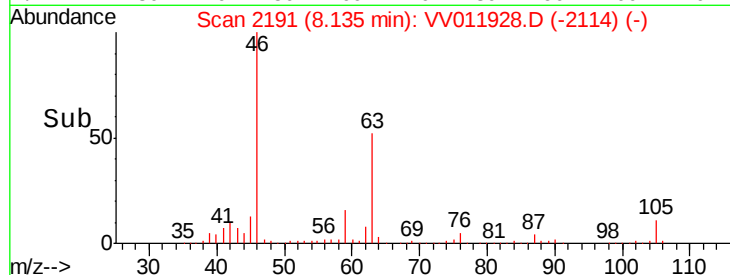
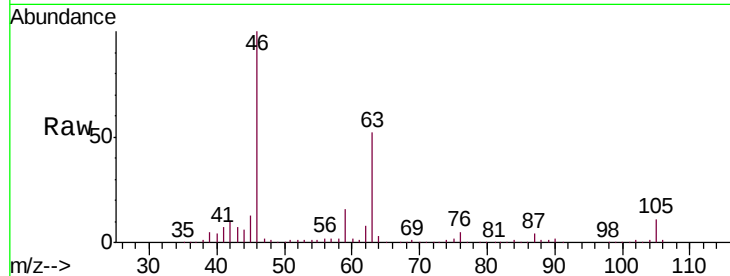
Ion Ratio Lower Upper

43 100

58 35.1 41.1 61.7#

57 30.5 14.3 21.5#

100 1.1 8.7 13.1#



#69

Naphthalene

Concen: 0.069 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV011928.D

Acq: 17 Jul 2019 22:18

Tgt Ion: 128 Resp: 1365

Ion Ratio Lower Upper

128 100

129 11.9 8.6 13.0

127 5.3 10.7 16.1#

