

Data File : VV007593.D
Acq On : 17 Sep 2018 17:58
Operator : SY/MD
Sample : J4864-07
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 18 03:42:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 18 03:38:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	118198	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56362	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22742	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.59	69	23240	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.14	63	41980	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.97	46	52885	61.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.82%
24) Chloroform-d	4.41	84	55940	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.09	65	29994	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	111041	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.13	67	32993	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.36	98	113081	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	12797	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.15	63	20484	37.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21465	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	48988	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

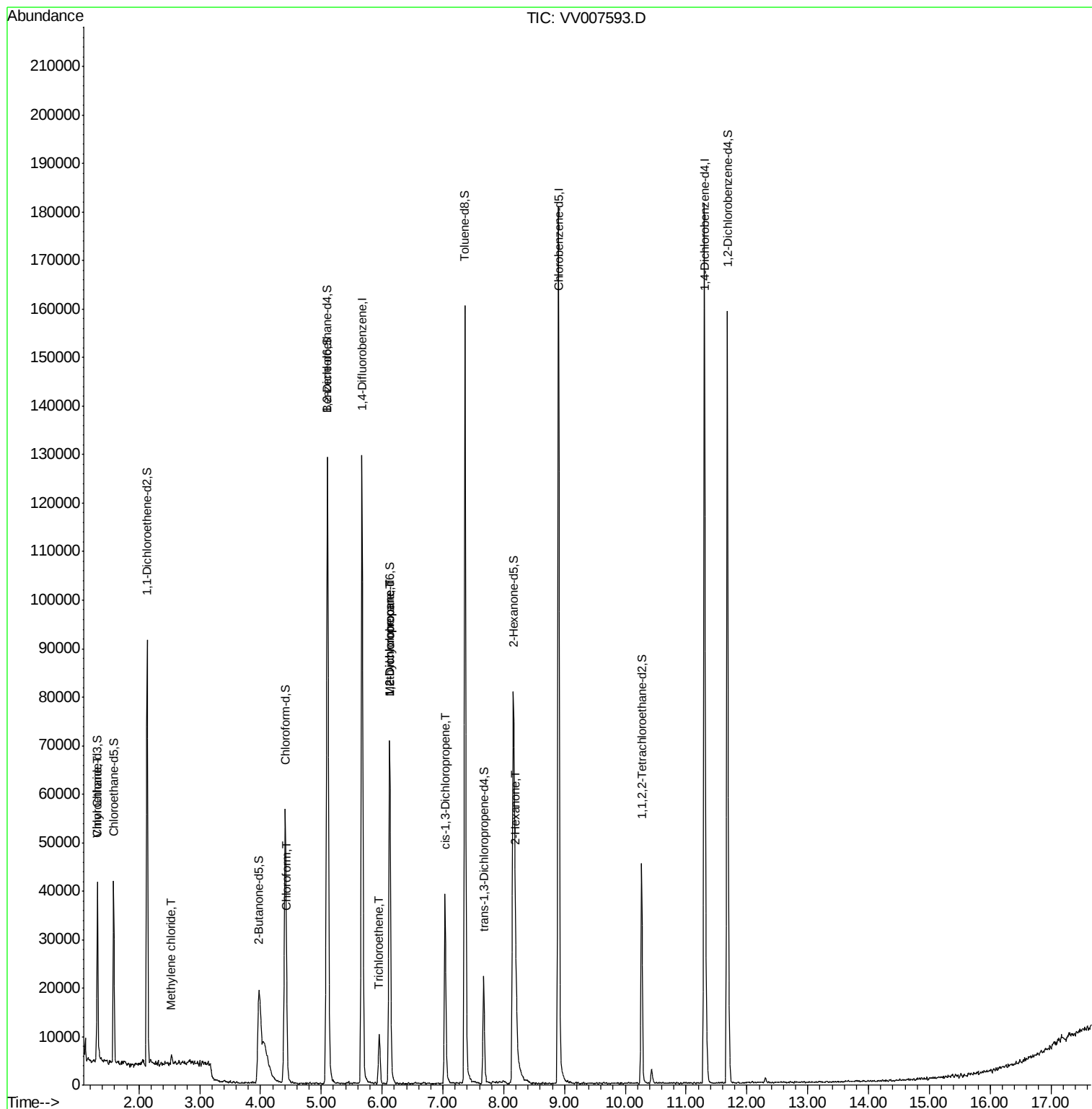
					Qvalue	
8) Chloroethane	1.32	64	370	0.098	ug/L #	1
16) Methylene chloride	2.54	84	790	0.122	ug/L	88
25) Chloroform	4.44	83	1716	0.158	ug/L	79
34) Trichloroethene	5.96	95	787	0.115	ug/L	96
35) Methylcyclohexane	6.12	83	8606	0.815	ug/L #	26
37) 1,2-Dichloropropane	6.12	63	4050	0.737	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1127	0.129	ug/L #	80
48) 2-Hexanone	8.20	43	14859	6.452	ug/L #	68

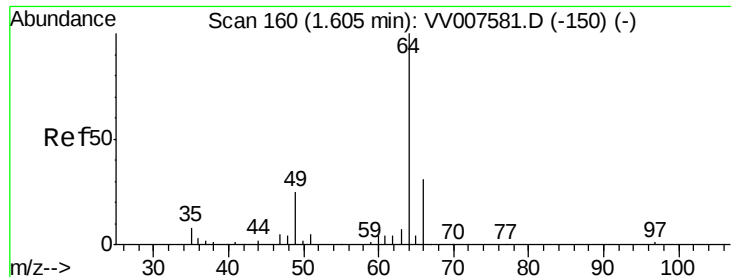
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.098 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007593.D

Acq: 17 Sep 2018 17:58

Instrument :

MSVOA_V

ClientSampleId :

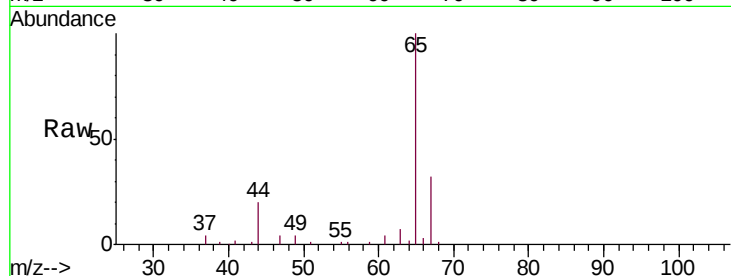
VHBLK01

Tgt Ion: 64 Resp: 370

Ion Ratio Lower Upper

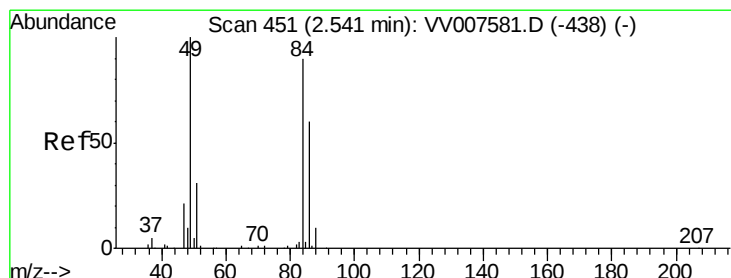
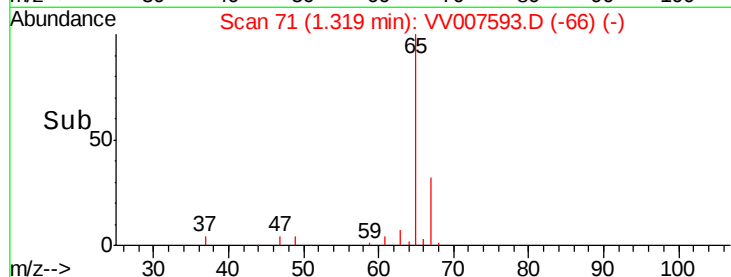
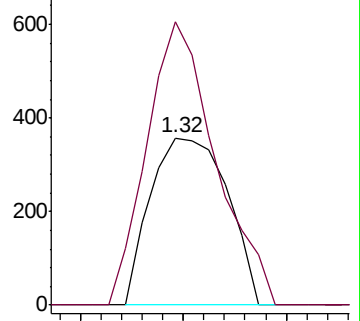
64 100

66 169.5 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV007581.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV007581.D (-150) (-)



#16

Methylene chloride

Concen: 0.122 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV007593.D

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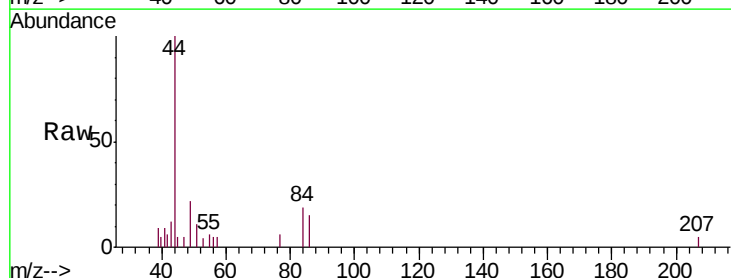
Tgt Ion: 84 Resp: 790

Ion Ratio Lower Upper

84 100

86 79.5 43.7 81.1

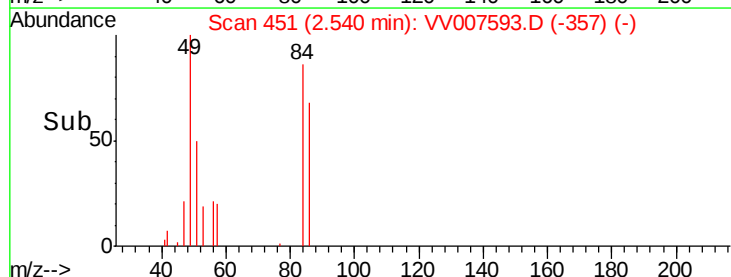
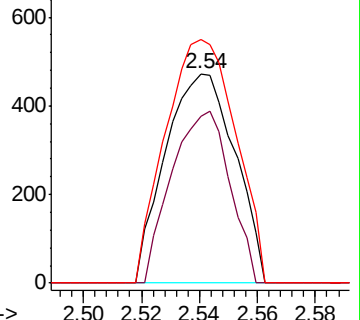
49 116.1 76.8 142.6

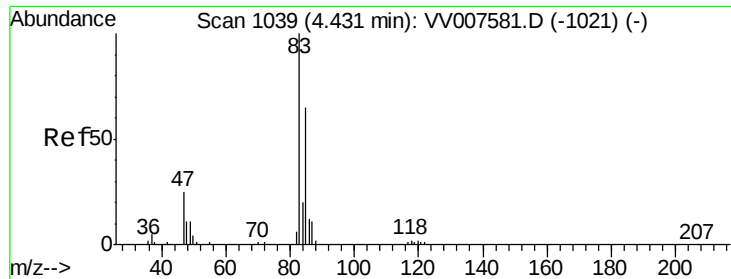


Abundance Ion 84.05 (83.75 to 84.75): VV007581.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV007581.D (-438) (-)

Ion 49.10 (48.80 to 49.80): VV007581.D (-438) (-)

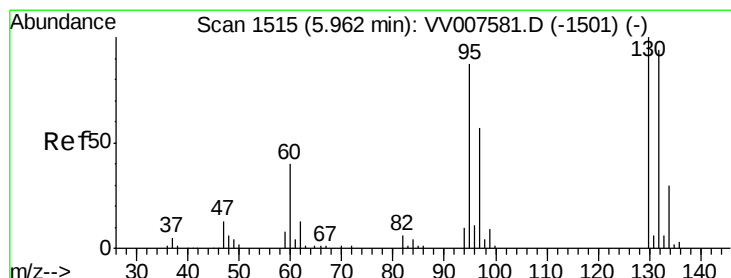
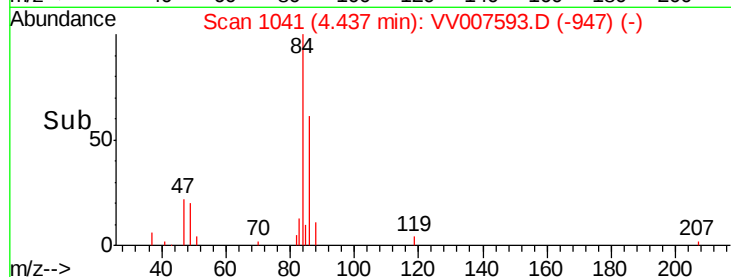
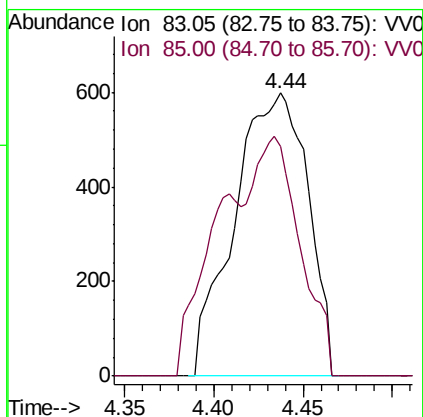
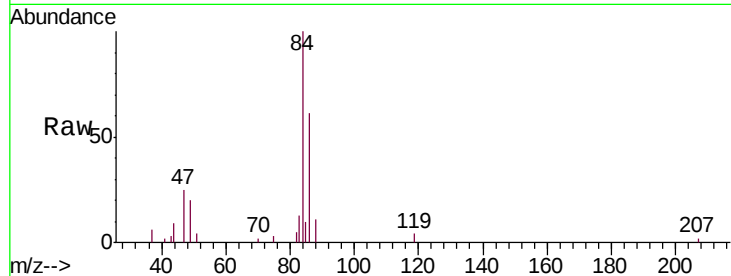




#25
Chloroform
Concen: 0.158 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007593.D
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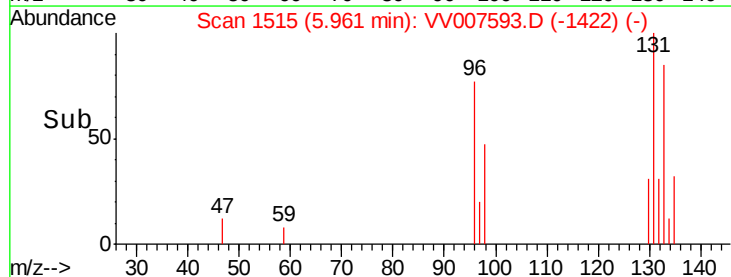
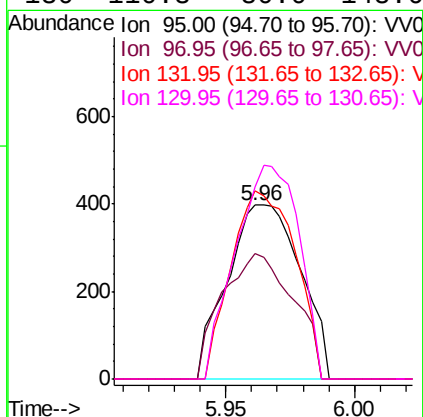
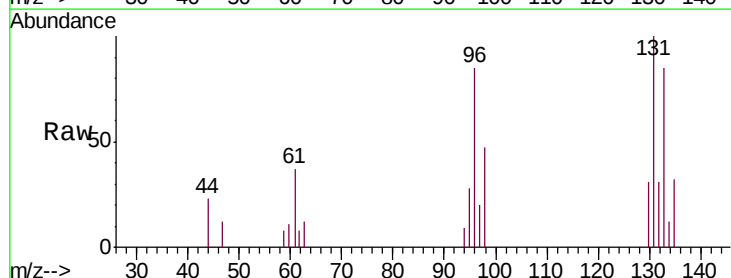
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VHBLK01

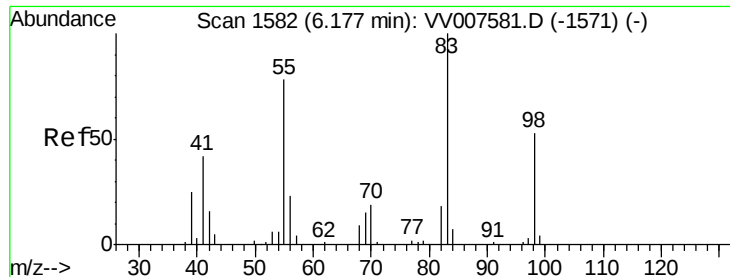
Tgt Ion: 83 Resp: 1716
Ion Ratio Lower Upper
83 100
85 81.3 45.5 84.5



#34
Trichloroethene
Concen: 0.115 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007593.D
Acq: 17 Sep 2018 17:58

Tgt Ion: 95 Resp: 787
Ion Ratio Lower Upper
95 100
97 72.0 45.5 84.5
132 108.3 74.9 139.1
130 110.3 80.0 148.6

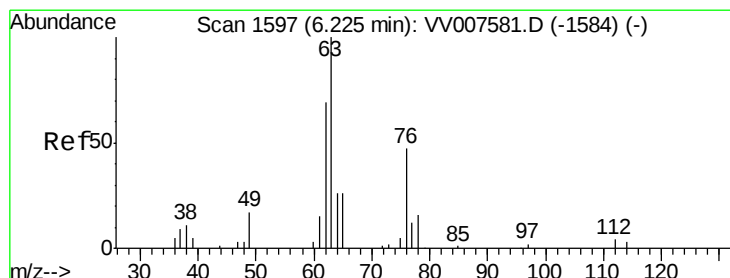
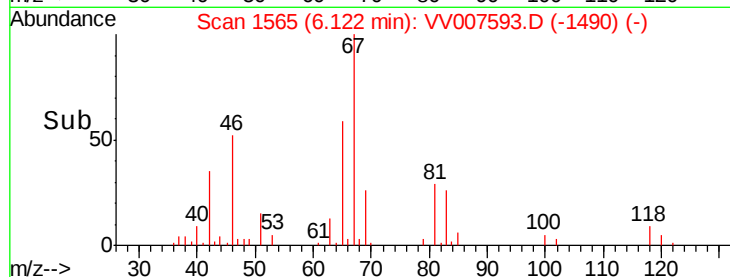
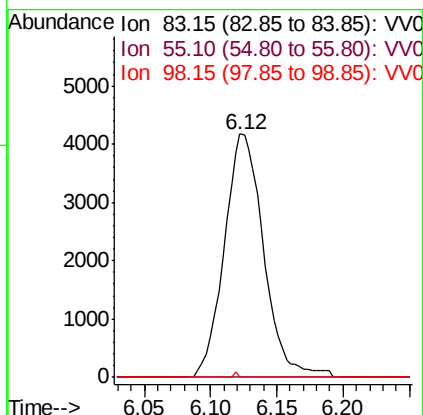
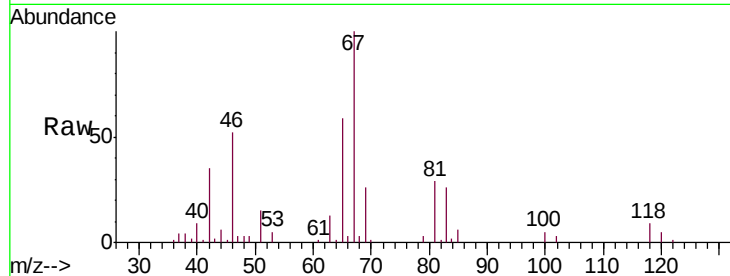




#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007593.D
Acq: 17 Sep 2018 17:58

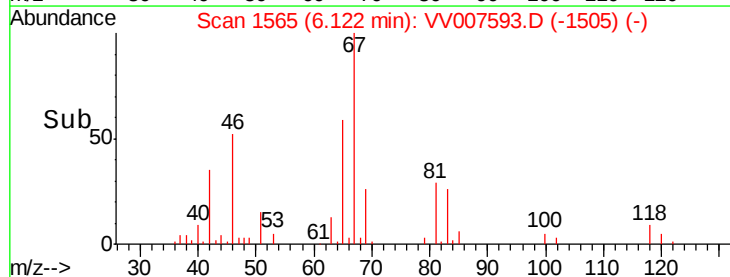
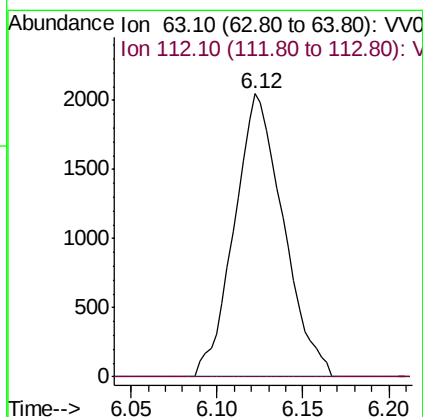
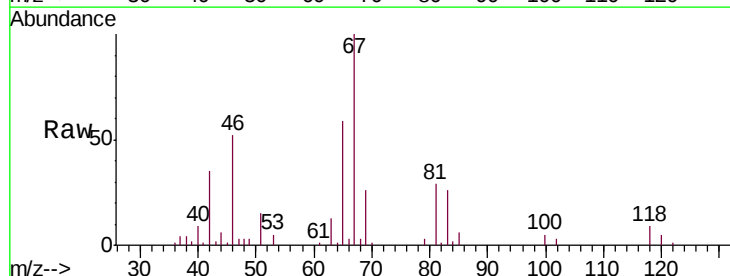
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MSVOA_V
ClientSampleId :
VHBLK01

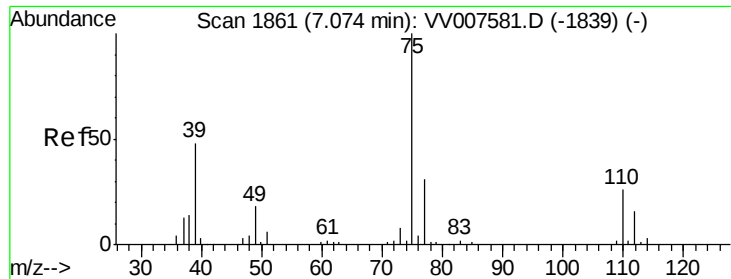
Tgt Ion: 83 Resp: 8606
Ion Ratio Lower Upper
83 100
55 0.0 55.0 82.4#
98 8.4 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.737 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007593.D
Acq: 17 Sep 2018 17:58

Tgt Ion: 63 Resp: 4050
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

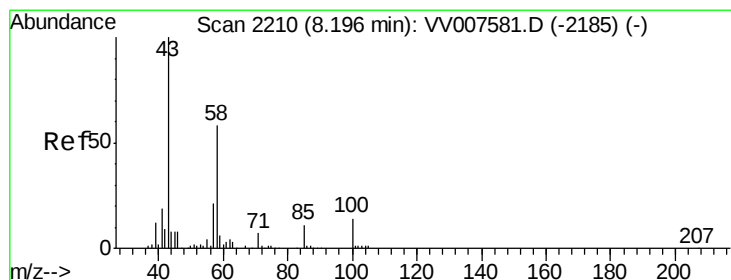
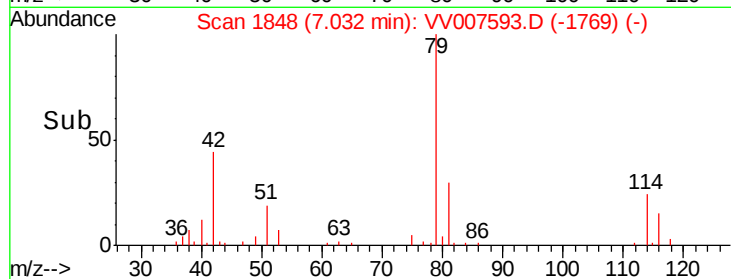
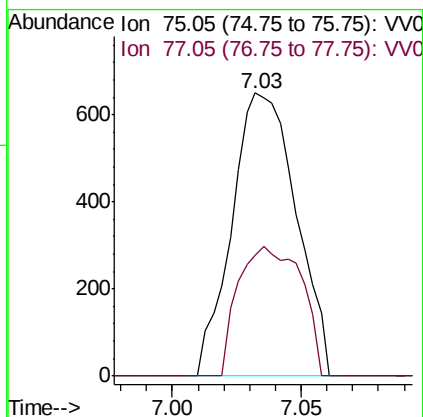
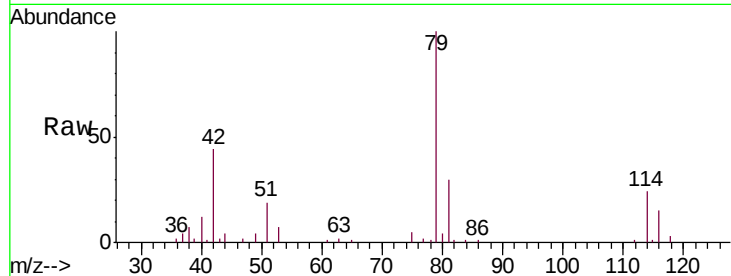




#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007593.D
 Acq: 17 Sep 2018 17:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 1127
 Ion Ratio Lower Upper
 75 100
 77 42.8 22.0 41.0#



#48
 2-Hexanone
 Concen: 6.452 ug/L
 RT: 8.20 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: VV007593.D
 Acq: 17 Sep 2018 17:58

Tgt Ion: 43 Resp: 14859
 Ion Ratio Lower Upper
 43 100
 58 28.3 49.8 74.6#
 57 24.4 18.2 27.4
 100 4.6 11.0 16.4#

