

Data File : VV008145.D
Acq On : 08 Oct 2018 11:27
Operator : SY/MD
Sample : VV1008WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK61

Quant Time: Oct 09 03:37:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 03:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	111002	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51114	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33386	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.59	69	26620	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.14	63	48057	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.96	46	72716	44.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.72%
24) Chloroform-d	4.41	84	64463	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.09	65	31268	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.10	84	127645	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	39562	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	118074	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.67	79	13908	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	49102	40.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25966	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	46941	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

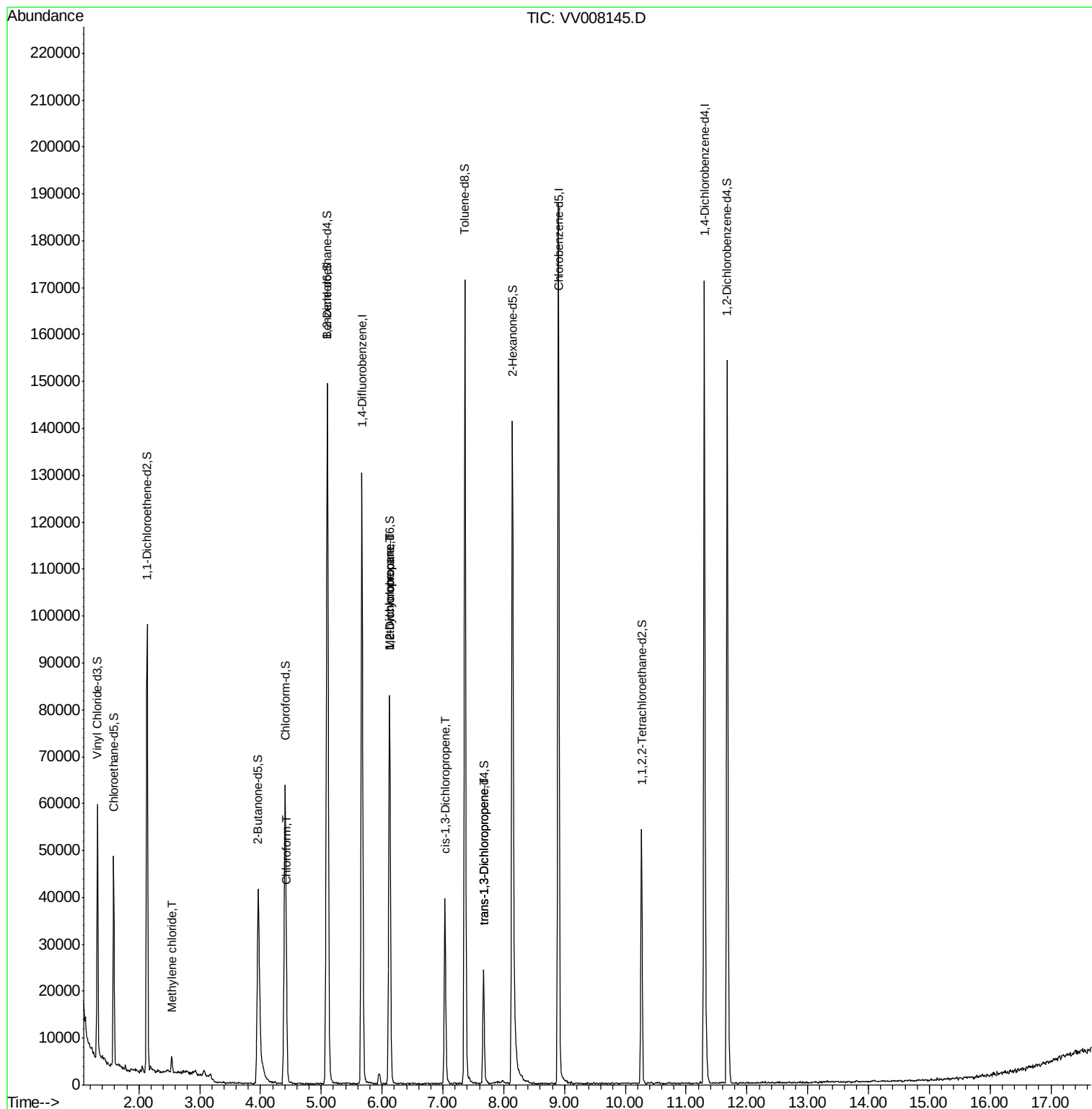
					Qvalue
16) Methylene chloride	2.54	84	1175	0.161 ug/L	90
25) Chloroform	4.43	83	1172	0.087 ug/L	95
35) Methylcyclohexane	6.12	83	9429	0.845 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	4580	0.620 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1050	0.111 ug/L #	64
44) trans-1,3-Dichloropropene	7.67	75	642	0.083 ug/L #	80

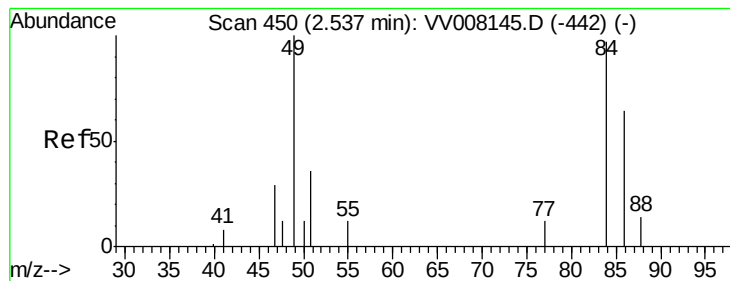
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.161 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

VBLK61

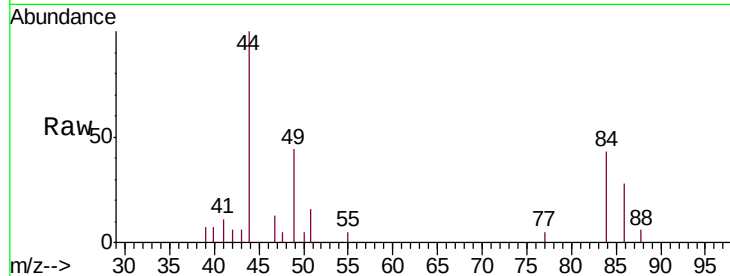
Tgt Ion: 84 Resp: 1175

Ion Ratio Lower Upper

84 100

86 65.9 45.3 84.1

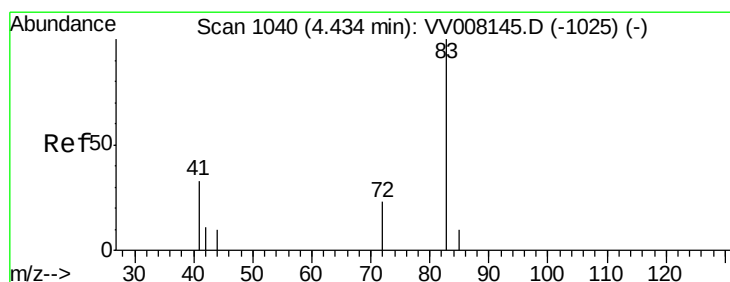
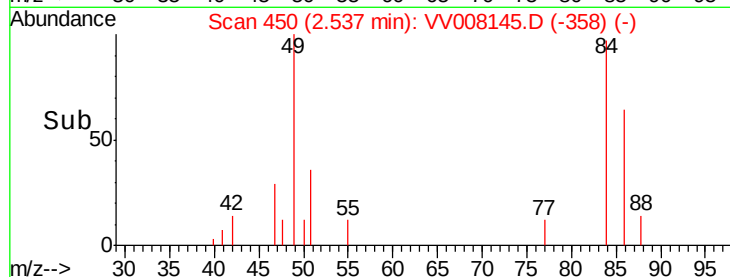
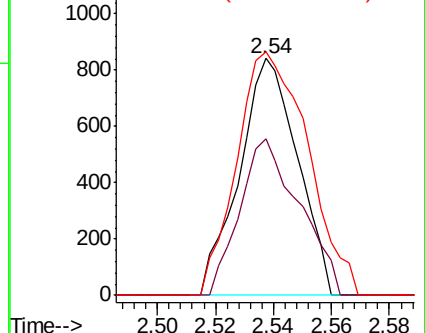
49 102.7 83.0 154.1



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#25

Chloroform

Concen: 0.087 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. -0.00 min

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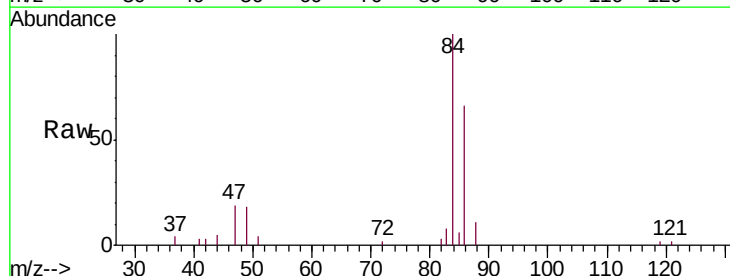
Acq: 08 Oct 2018 11:27

Tgt Ion: 83 Resp: 1172

Ion Ratio Lower Upper

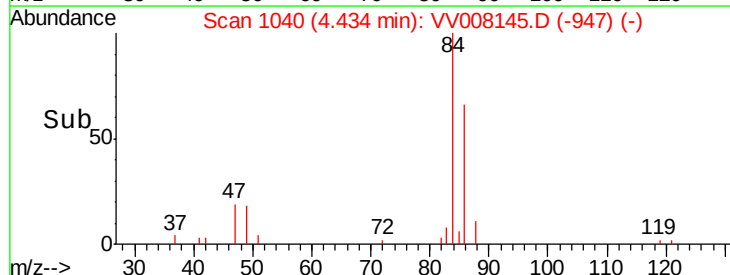
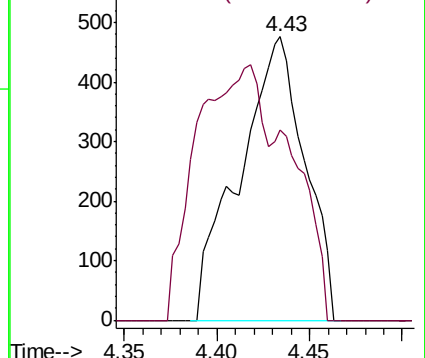
83 100

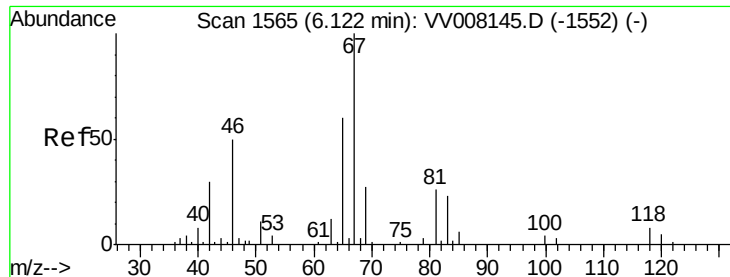
85 67.2 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

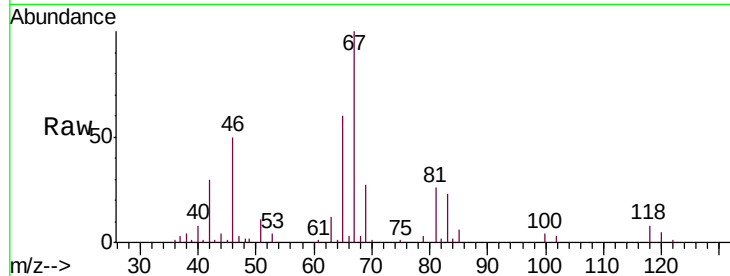




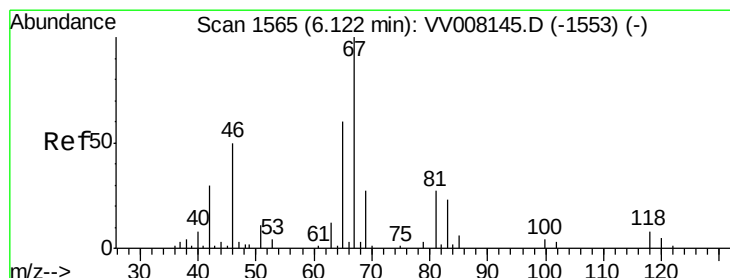
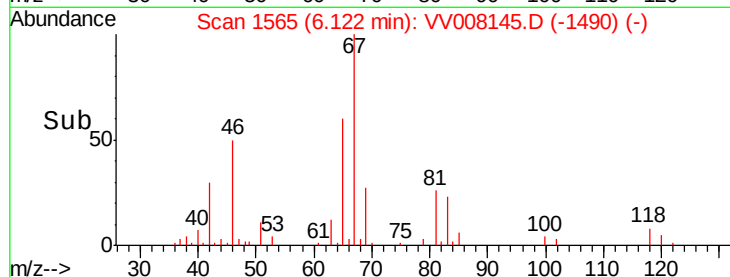
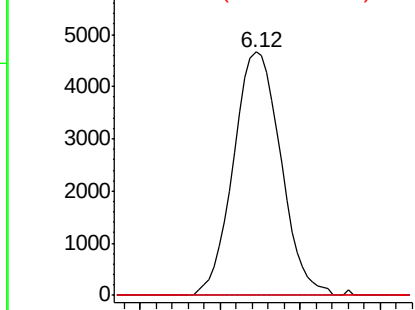
#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 9429
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.2 38.3 57.5#

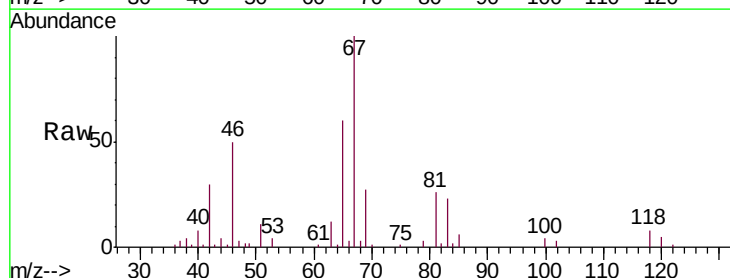


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

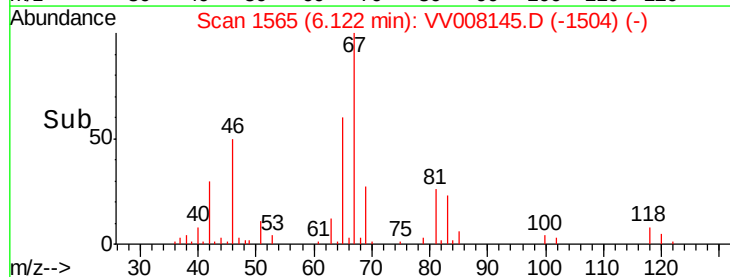
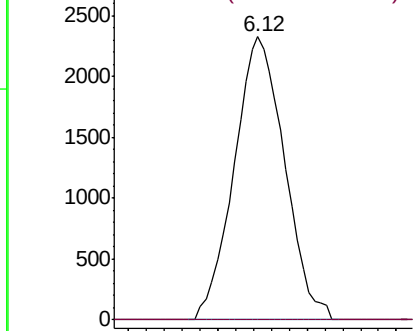


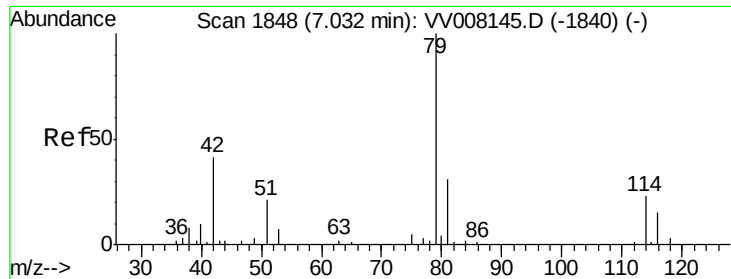
#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008145.D
Acq: 08 Oct 2018 11:27

Tgt Ion: 63 Resp: 4580
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

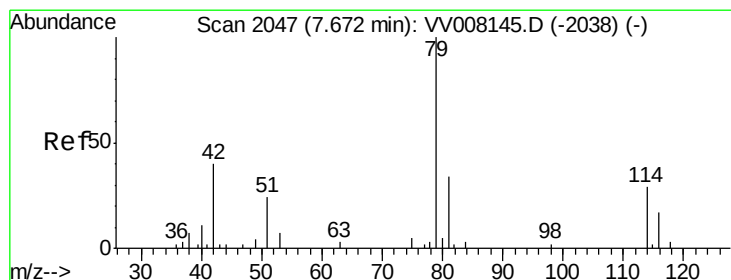
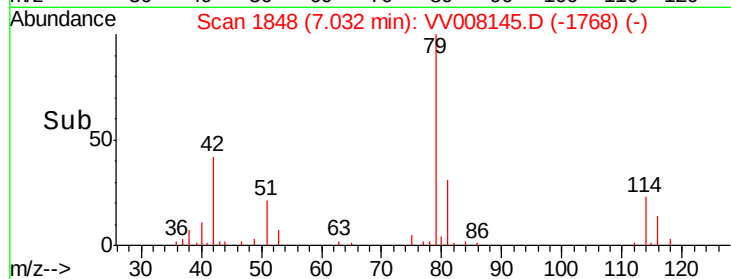
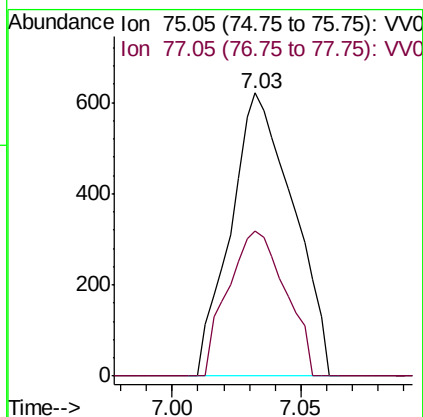
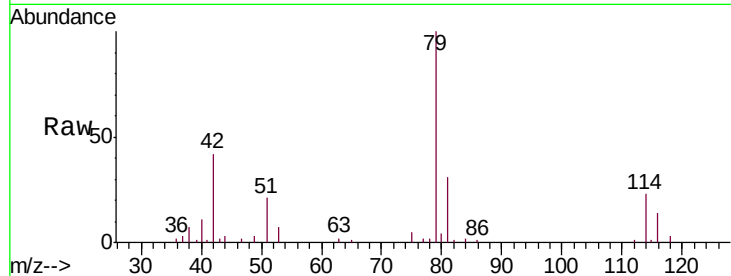




#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008145.D
 Acq: 08 Oct 2018 11:27

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Tgt Ion: 75 Resp: 1050
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.03 min
 Lab File: VV008145.D
 Acq: 08 Oct 2018 11:27

Tgt Ion: 75 Resp: 642
 Ion Ratio Lower Upper
 75 100
 77 45.2 23.4 43.6#

