

Data File : VV007646.D
Acq On : 20 Sep 2018 10:38
Operator : SY/MD
Sample : J4874-19
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3ZA1

Quant Time: Sep 21 01:38:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	108902	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98240	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22908	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.59	69	22326	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	43637	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.97	46	59129	51.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.56%
24) Chloroform-d	4.40	84	54500	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.09	65	27344	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	106282	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.12	67	31287	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	108938	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.67	79	11902	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.14	63	43066	47.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23324	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	47336	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

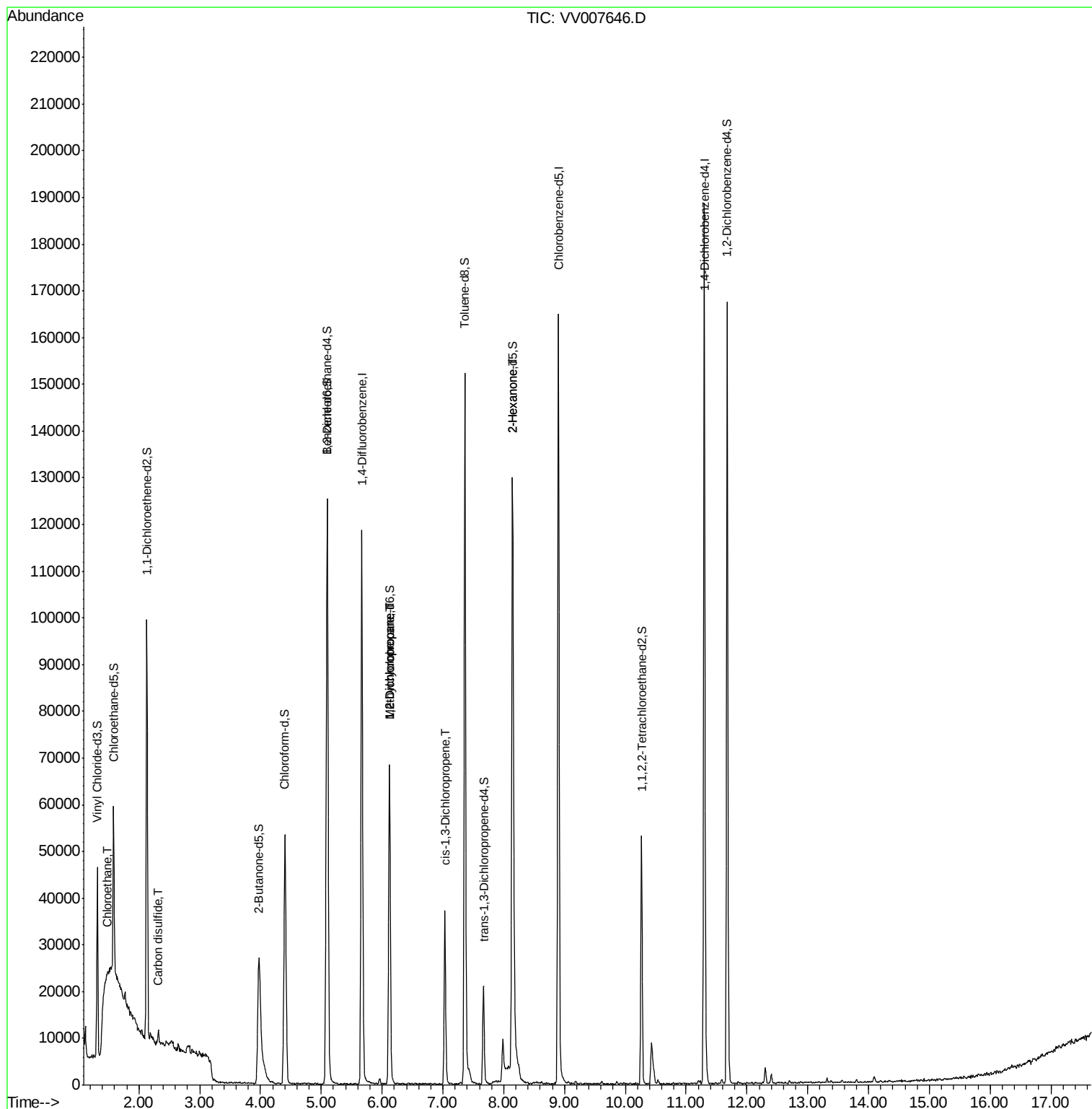
					Qvalue	
8) Chloroethane	1.49	64	65302	12.678	ug/L #	49
14) Carbon disulfide	2.32	76	3792	0.179	ug/L #	85
35) Methylcyclohexane	6.12	83	7976	0.673	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	3602	0.572	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	972	0.107	ug/L #	68
48) 2-Hexanone	8.14	43	7436	3.080	ug/L #	89

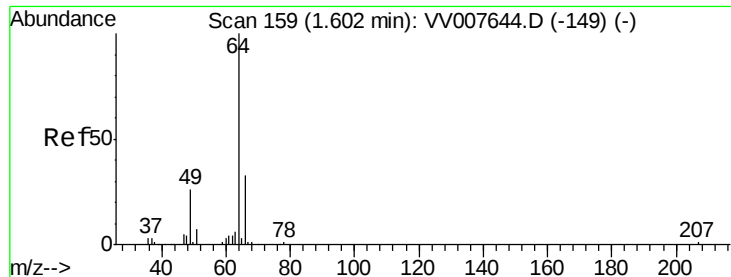
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 12.678 ug/L

RT: 1.49 min Scan# 124

Delta R.T. -0.11 min

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Acq: 20 Sep 2018 10:38

Instrument :

MSVOA_V

ClientSampleId :

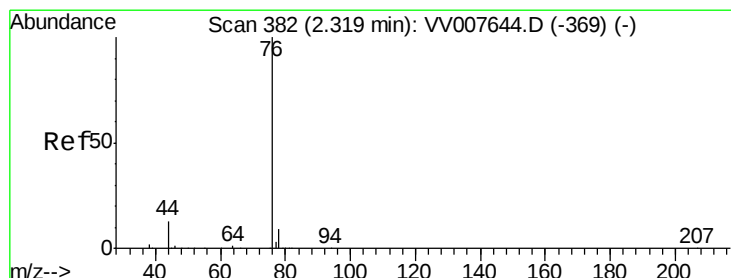
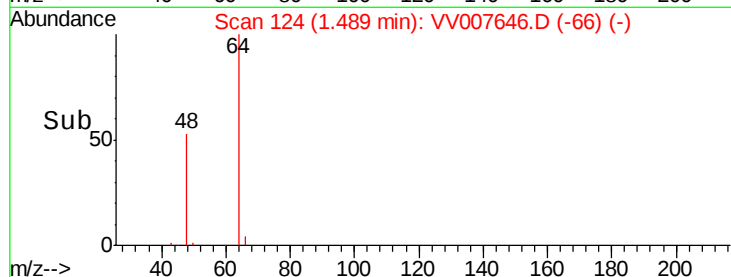
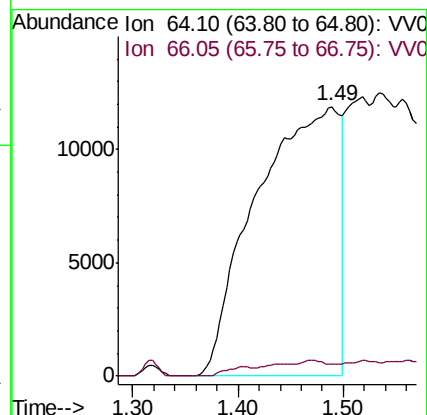
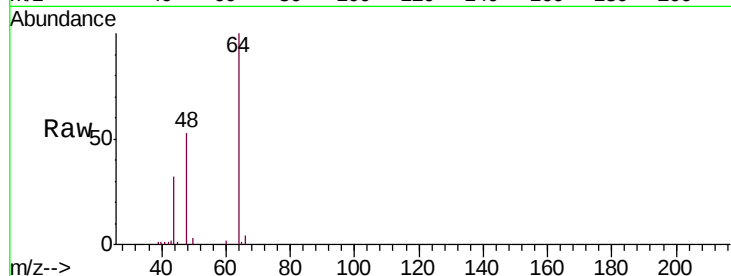
A3ZA1

Tgt Ion: 64 Resp: 65302

Ion Ratio Lower Upper

64 100

66 4.4 23.4 43.4#



#14

Carbon disulfide

Concen: 0.179 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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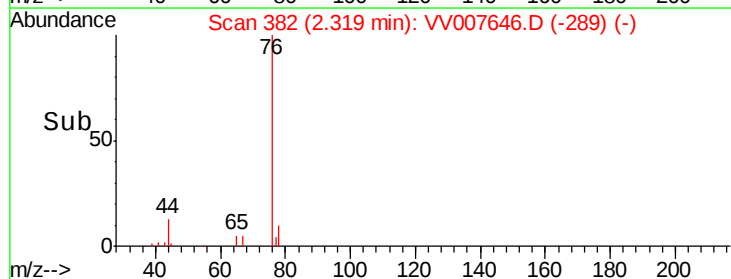
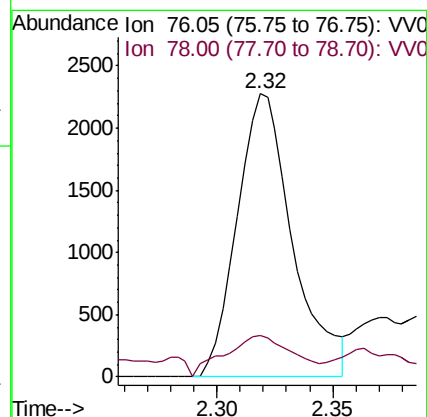
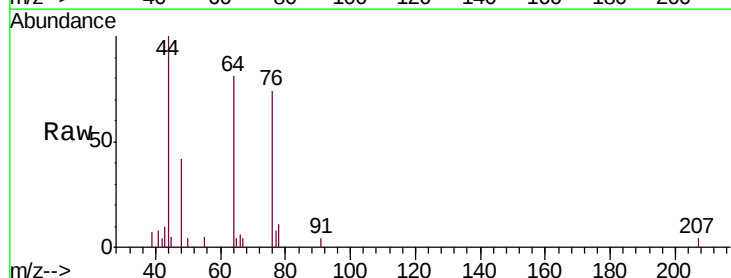
Acq: 20 Sep 2018 10:38

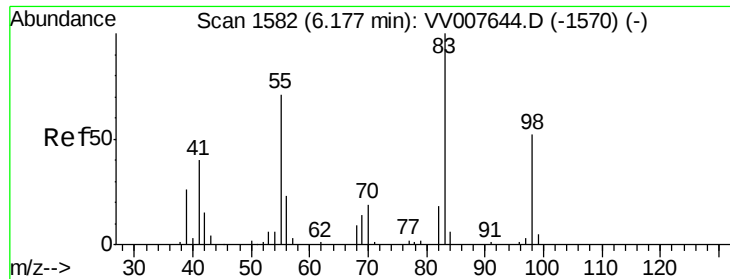
Tgt Ion: 76 Resp: 3792

Ion Ratio Lower Upper

76 100

78 14.8 7.4 11.2#

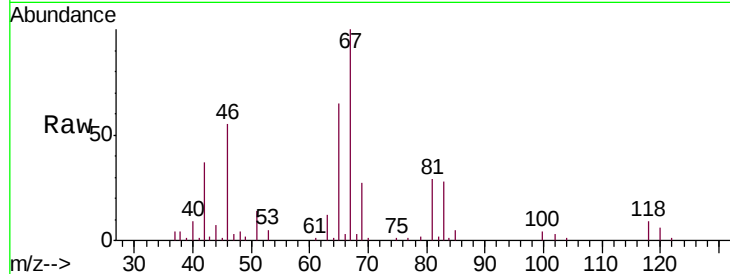




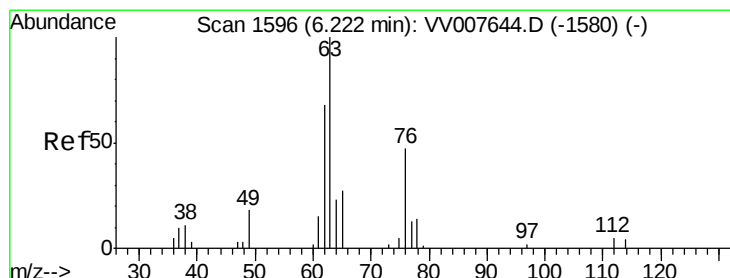
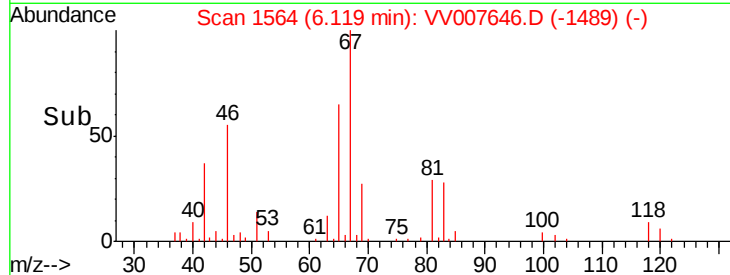
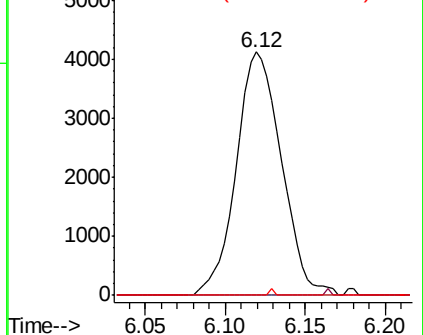
#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV007646.D
Acq: 20 Sep 2018 10:38

Instrument :
MSVOA_V
ClientSampled :
A3ZA1

Tgt Ion: 83 Resp: 7976
Ion Ratio Lower Upper
83 100
55 0.3 54.8 82.2#
98 0.3 40.7 61.1#

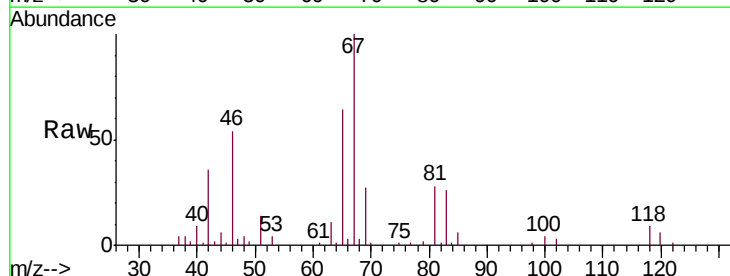


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

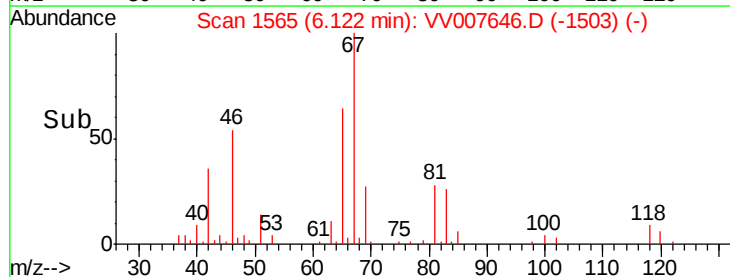
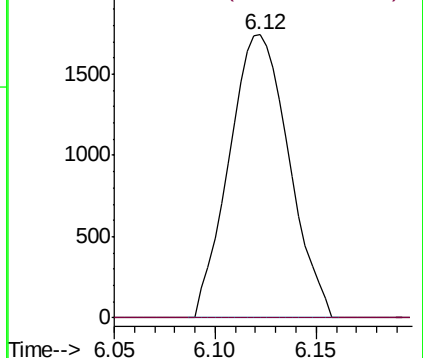


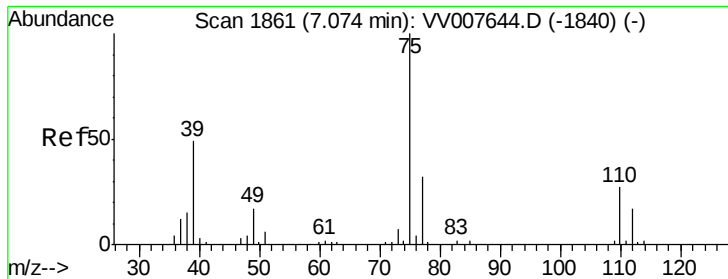
#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007646.D
Acq: 20 Sep 2018 10:38

Tgt Ion: 63 Resp: 3602
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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



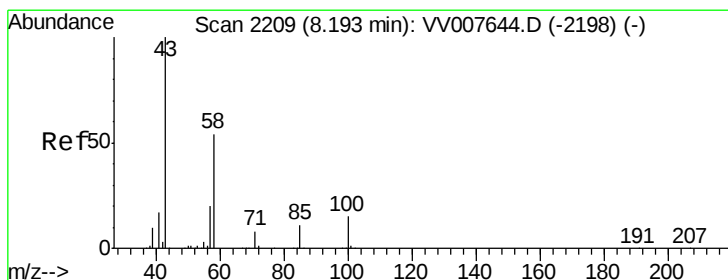
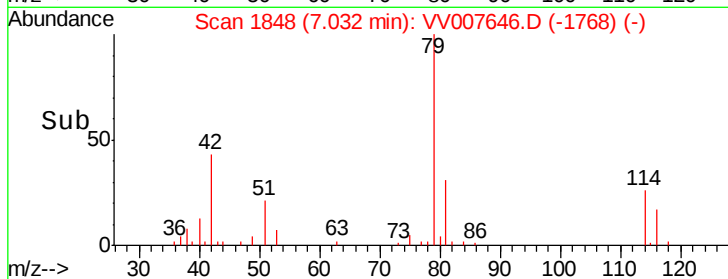
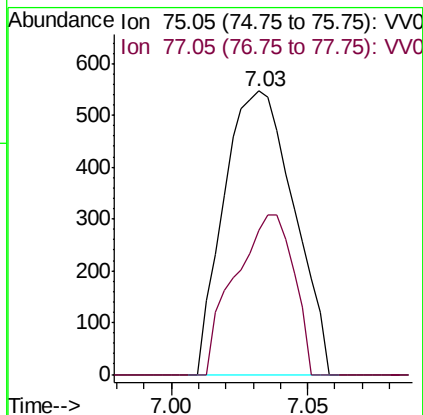
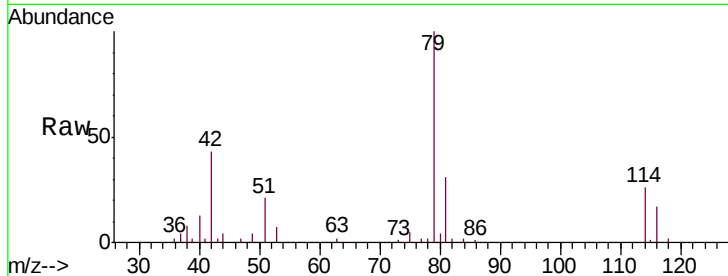


#39

cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
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Instrument :
MSVOA_V
ClientSampleId :
A3ZA1

Tgt Ion: 75 Resp: 972
Ion Ratio Lower Upper
75 100
77 50.6 22.7 42.3#



#48

2-Hexanone
Concen: 3.080 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.05 min
Lab File: VV007646.D
Acq: 20 Sep 2018 10:38

Tgt Ion: 43 Resp: 7436
Ion Ratio Lower Upper
43 100
58 51.5 45.3 67.9
57 22.4 16.6 24.8
100 0.0 11.4 17.0#

