

Data File : VV011228.D
Acq On : 05 Jun 2019 14:37
Operator : SY/MD
Sample : K3080-21
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 06 05:47:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177155	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	164321	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57686	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.56	69	45985	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	89161	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.94	46	138584	45.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.72%
24) Chloroform-d	4.40	84	101496	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.08	65	58187	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.09	84	213720	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.12	67	64521	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.36	98	197288	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.66	79	22384	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.13	63	109384	44.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42475	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	60218	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

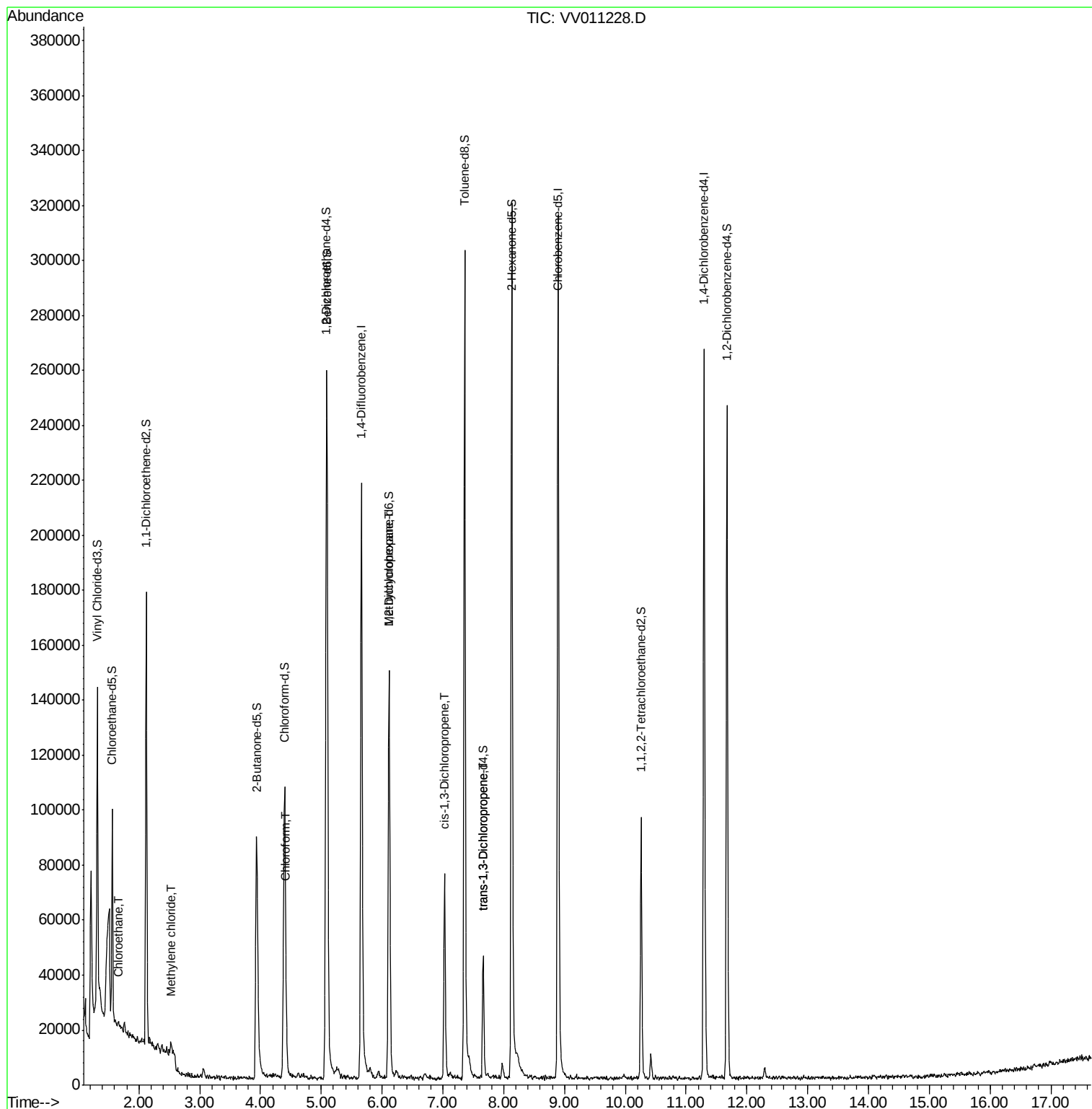
					Qvalue
8) Chloroethane	1.65	64	1925	0.185 ug/L #	59
16) Methylene chloride	2.53	84	1815	0.158 ug/L	95
25) Chloroform	4.42	83	5482	0.215 ug/L	97
35) Methylcyclohexane	6.12	83	15749	0.705 ug/L #	17
39) cis-1,3-Dichloropropene	7.02	75	2360	0.124 ug/L	86
44) trans-1,3-Dichloropropene	7.67	75	1360	0.094 ug/L	99

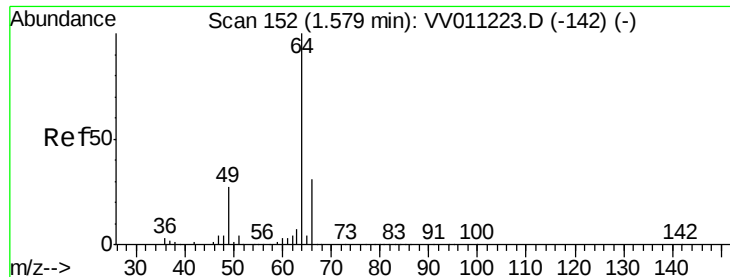
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.185 ug/L

RT: 1.65 min Scan# 173

Delta R.T. 0.07 min

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Acq: 05 Jun 2019 14:37

Instrument :

MSVOA_V

ClientSampled :

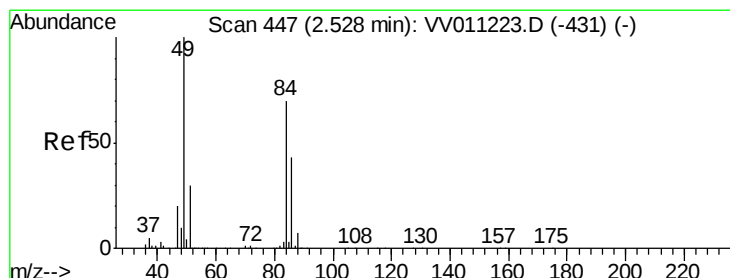
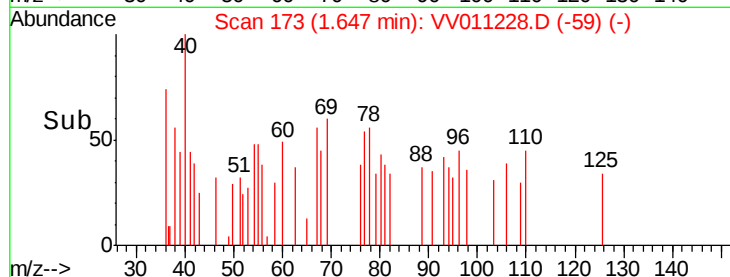
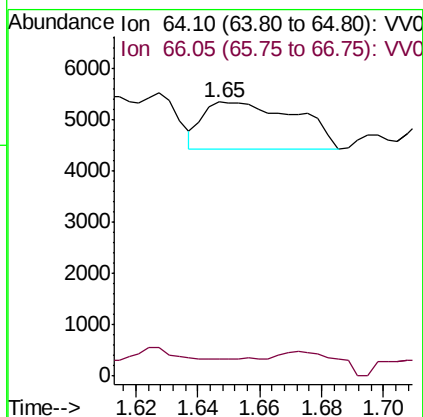
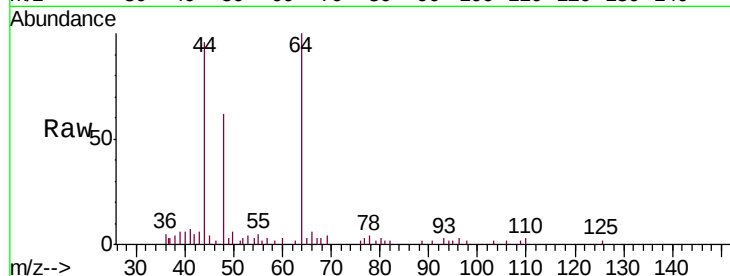
VHBLK01

Tgt Ion: 64 Resp: 1925

Ion Ratio Lower Upper

64 100

66 6.4 19.4 36.0#



#16

Methylene chloride

Concen: 0.158 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

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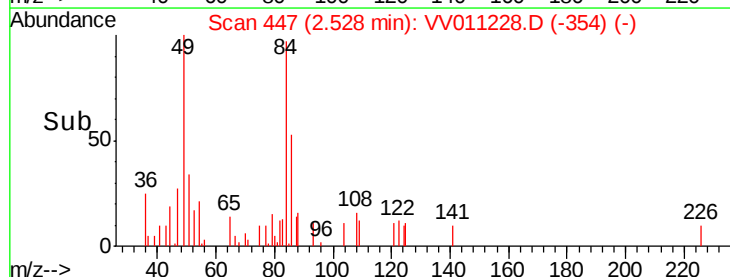
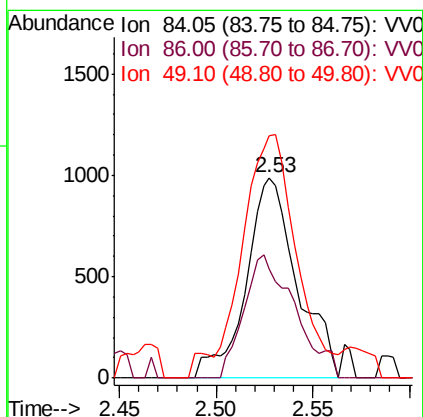
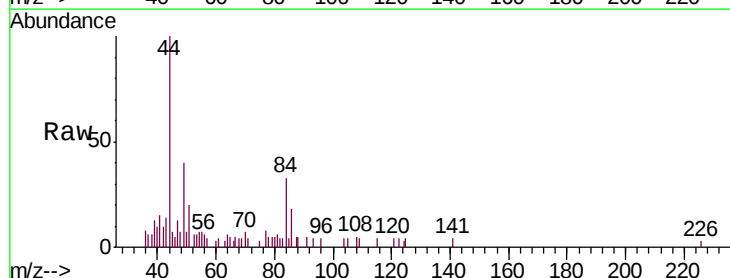
Tgt Ion: 84 Resp: 1815

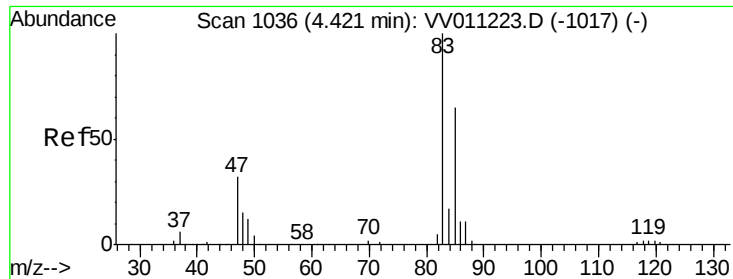
Ion Ratio Lower Upper

84 100

86 54.6 44.9 83.3

49 143.0 102.1 189.5

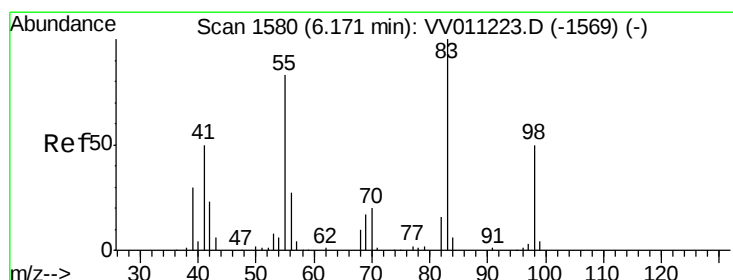
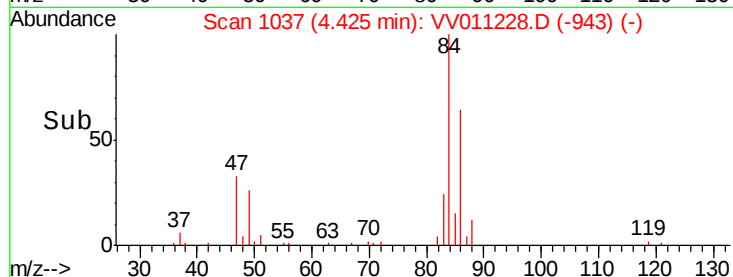
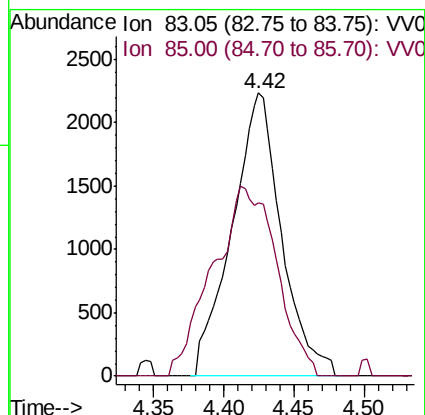
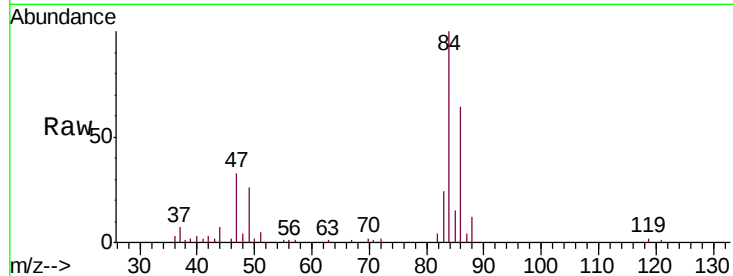




#25
Chloroform
Concen: 0.215 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
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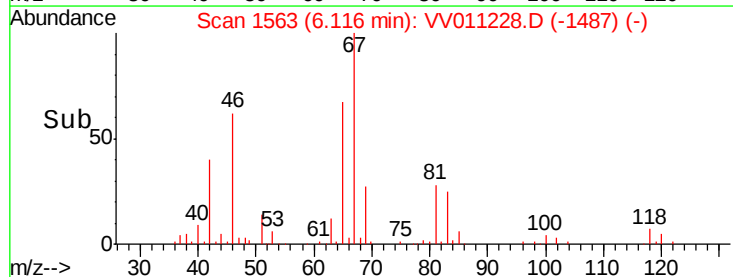
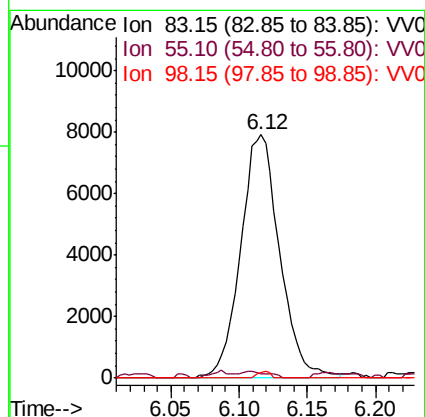
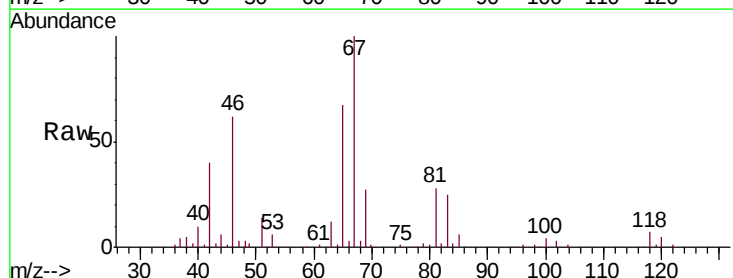
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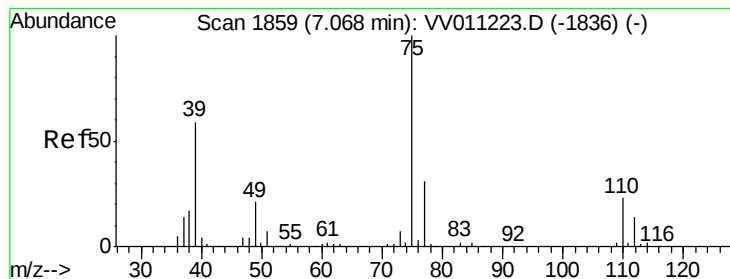
Tgt Ion: 83 Resp: 5482
Ion Ratio Lower Upper
83 100
85 61.0 44.1 81.9



#35
Methylcyclohexane
Concen: 0.705 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011228.D
Acq: 05 Jun 2019 14:37

Tgt Ion: 83 Resp: 15749
Ion Ratio Lower Upper
83 100
55 1.9 67.0 100.6#
98 0.9 40.0 60.0#



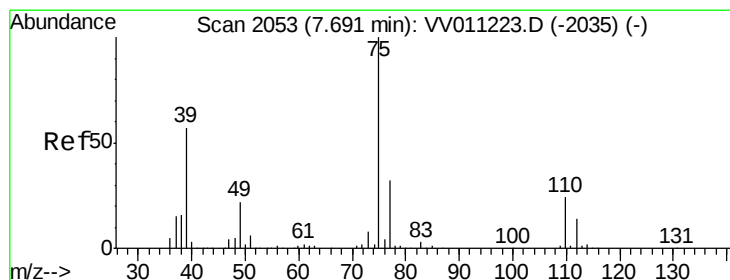
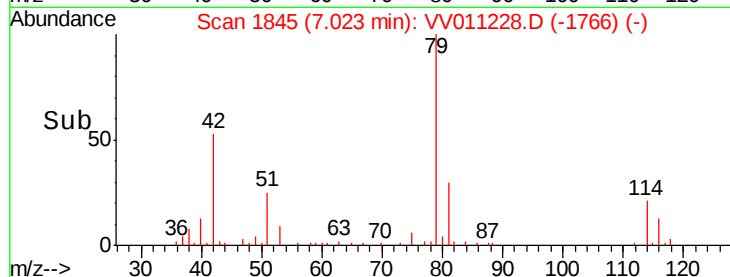
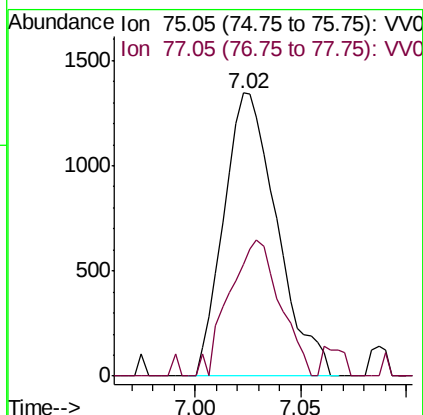
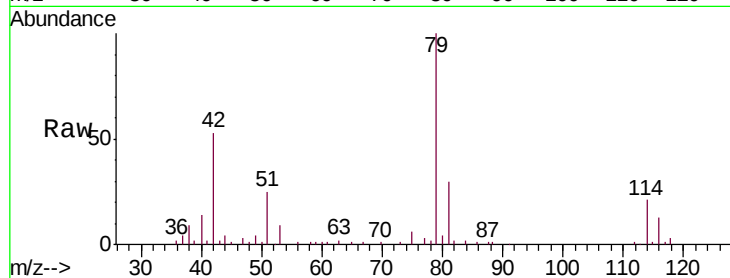


#39

cis-1,3-Dichloropropene
Concen: 0.124 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.04 min
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Instrument :
MSVOA_V
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VHBLK01

Tgt Ion: 75 Resp: 2360
Ion Ratio Lower Upper
75 100
77 39.6 22.2 41.2



#44

trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011228.D
Acq: 05 Jun 2019 14:37

Tgt Ion: 75 Resp: 1360
Ion Ratio Lower Upper
75 100
77 33.7 23.1 42.9

