

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016968.D
 Acq On : 18 Jun 2020 10:42
 Operator : SY/MD
 Sample : VV0618WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK89

Quant Time: Jun 19 04:35:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371288	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	353981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101227	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.28%
7) Chloroethane-d5	1.58	69	77281	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.32%
11) 1,1-Dichloroethene-d2	2.12	63	156544	35.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.16%
21) 2-Butanone-d5	3.90	46	169167	87.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.24%
24) Chloroform-d	4.38	84	235521	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
26) 1,2-Dichloroethane-d4	5.06	65	171407	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
32) Benzene-d6	5.08	84	464936	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
36) 1,2-Dichloropropane-d6	6.09	67	144867	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.10%
41) Toluene-d8	7.34	98	429627	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%
43) trans-1,3-Dichloropropene-	7.64	79	75838	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.56%
47) 2-Hexanone-d5	8.11	63	97866	70.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172577	40.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	186259	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

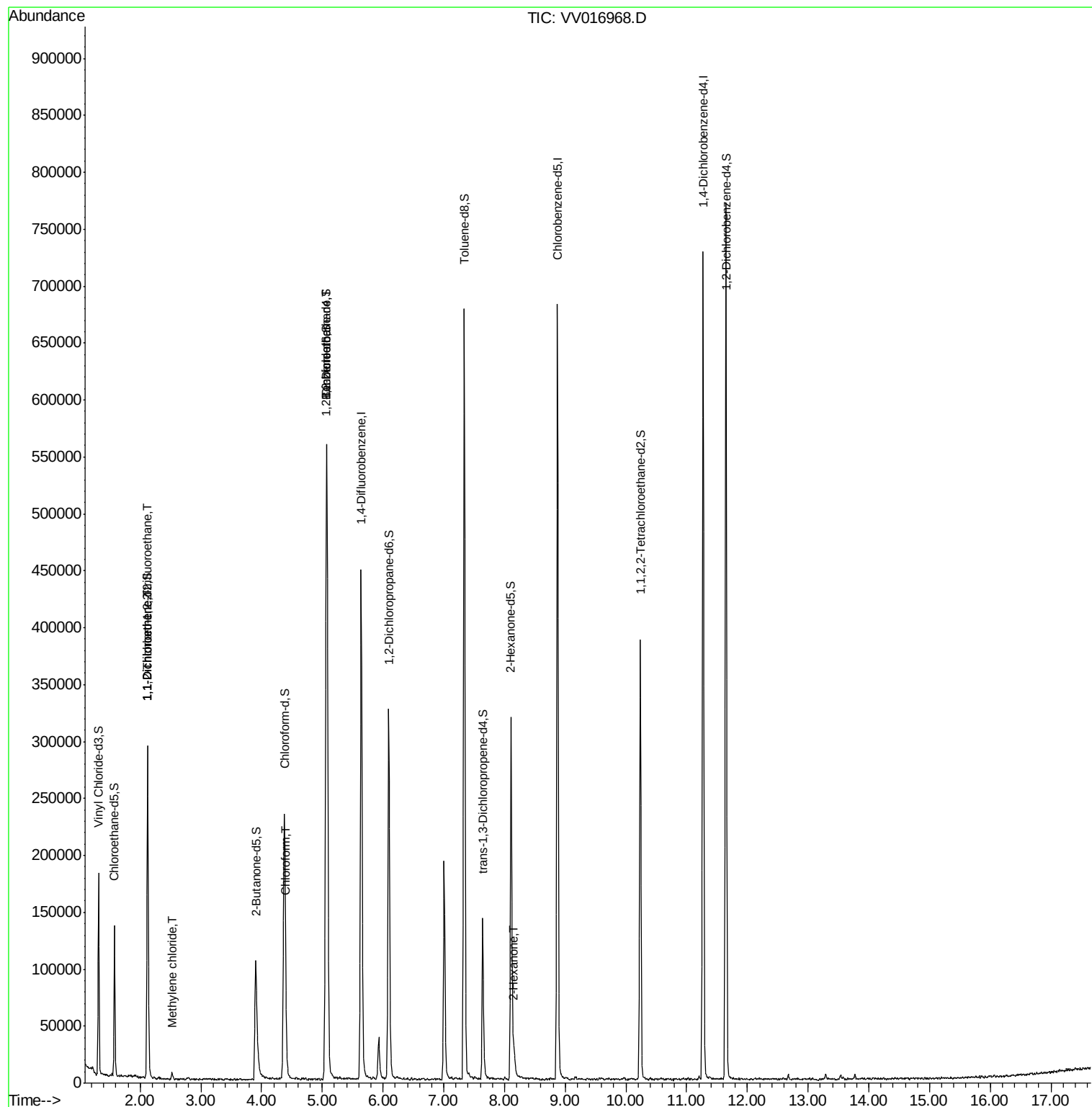
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1358	0.688 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1569	0.851 ug/L #	1
16) Methylene chloride	2.52	84	2200	0.814 ug/L	91
25) Chloroform	4.41	83	10779	2.218 ug/L	94
27) 1,2-Dichloroethane	5.08	62	2994	0.735 ug/L	96
48) 2-Hexanone	8.16	43	12533	4.188 ug/L #	86

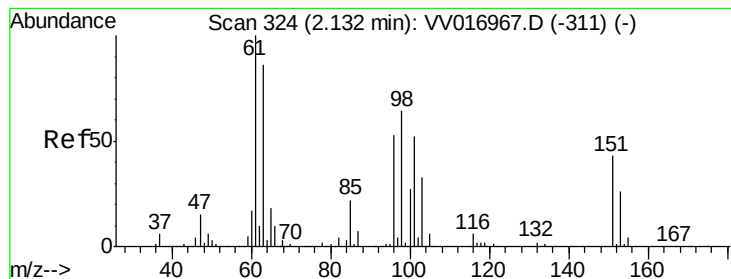
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.688 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016968.D

Acq: 18 Jun 2020 10:42

Instrument :

MSVOA_V

ClientSampled :

VBLK89

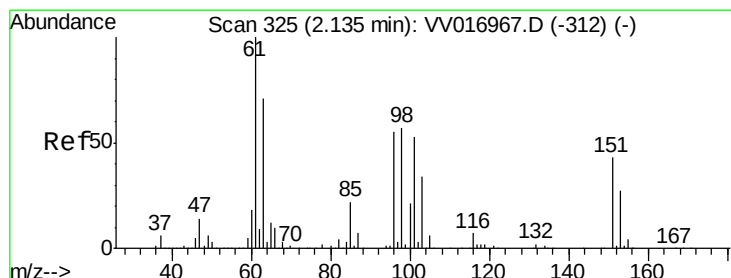
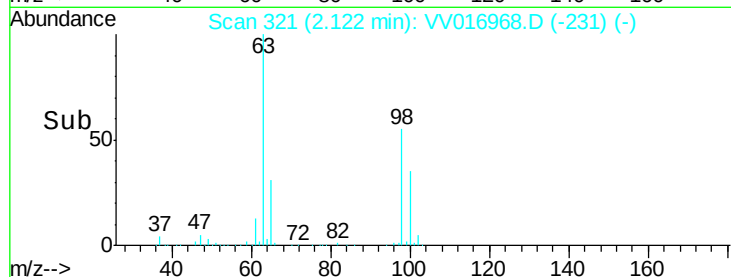
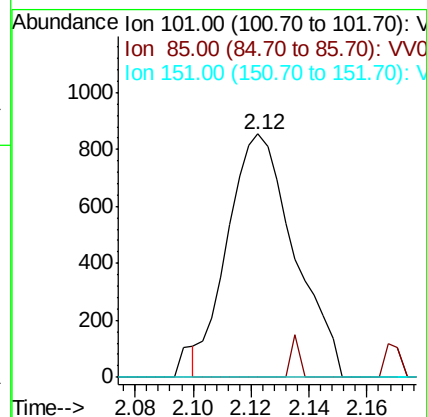
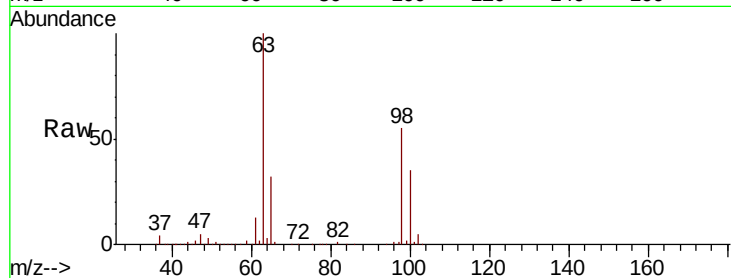
Tot Ion:101 Resp: 1358

Ion Ratio Lower Upper

101 100

85 3.1 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.851 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016968.D

Acq: 18 Jun 2020 10:42

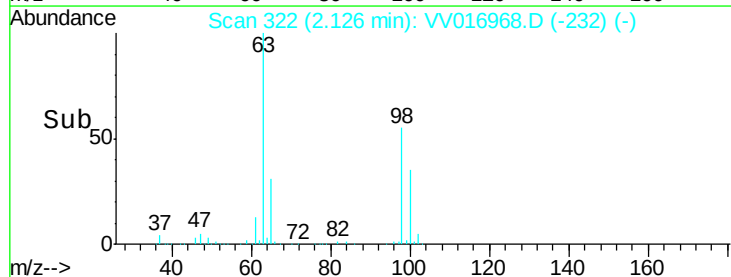
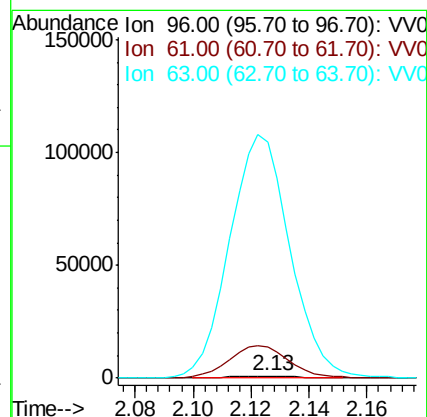
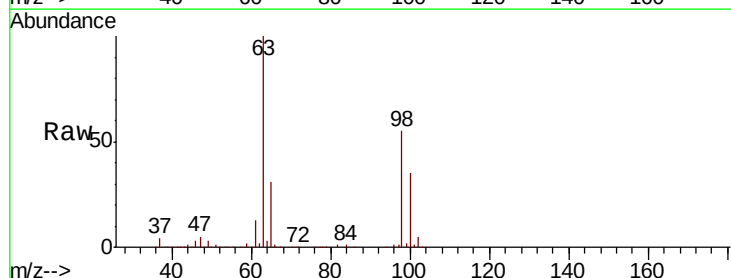
Tgt Ion: 96 Resp: 1569

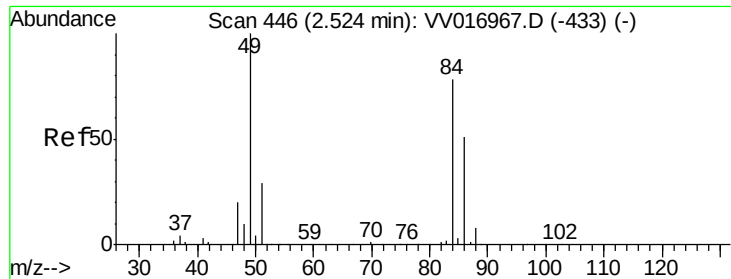
Ion Ratio Lower Upper

96 100

61 1491.8 130.4 242.2#

63 11334.5 103.3 191.9#

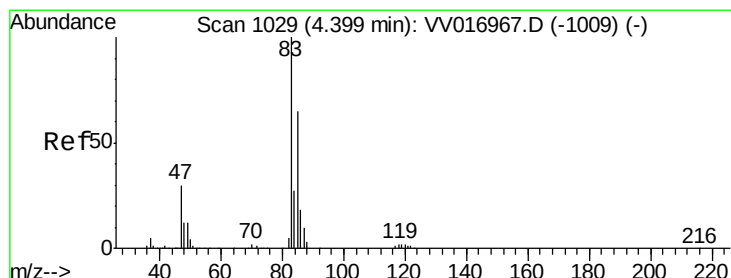
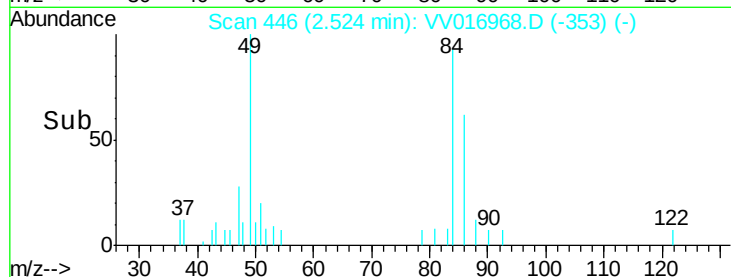
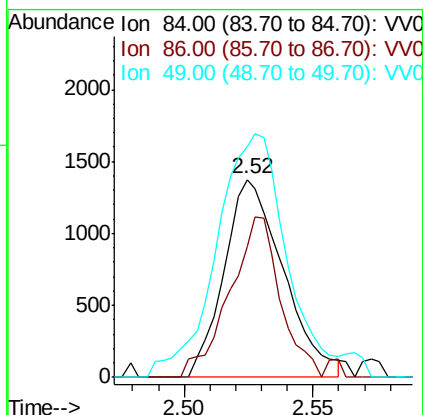
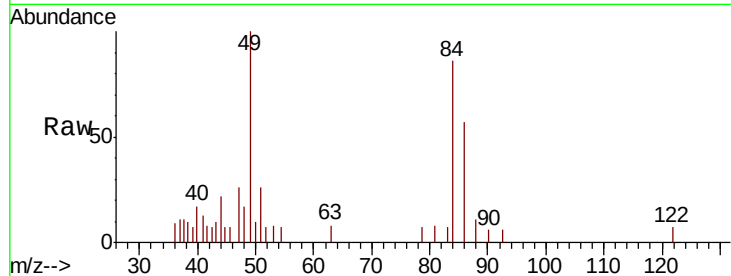




#16
Methylene chloride
Concen: 0.814 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV016968.D
Acq: 18 Jun 2020 10:42

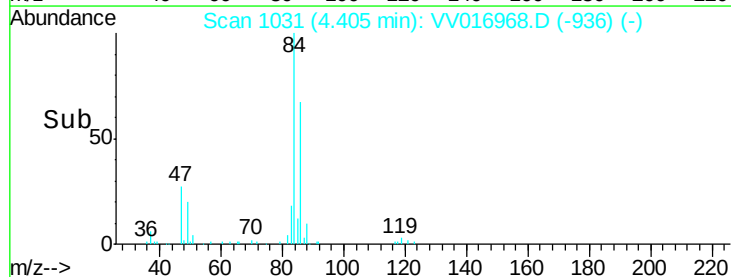
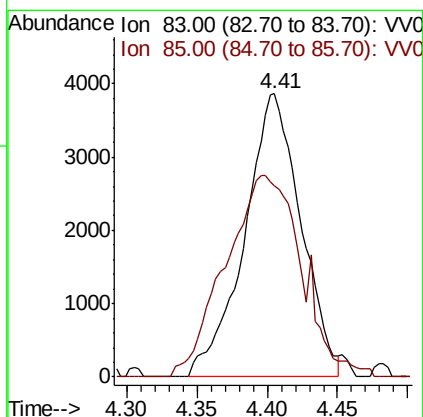
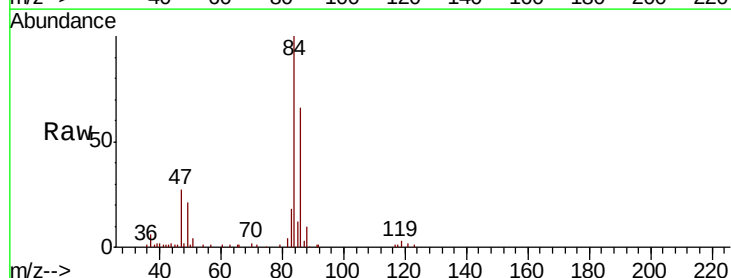
Instrument :
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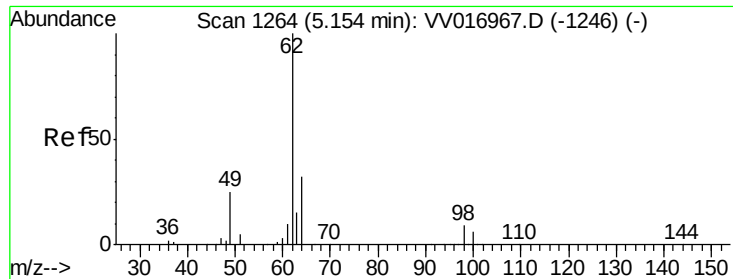
Tot Ion: 84 Resp: 2200
Ion Ratio Lower Upper
84 100
86 66.2 44.0 81.8
49 116.9 90.9 168.9



#25
Chloroform
Concen: 2.218 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016968.D
Acq: 18 Jun 2020 10:42

Tgt Ion: 83 Resp: 10779
Ion Ratio Lower Upper
83 100
85 67.4 44.1 81.9

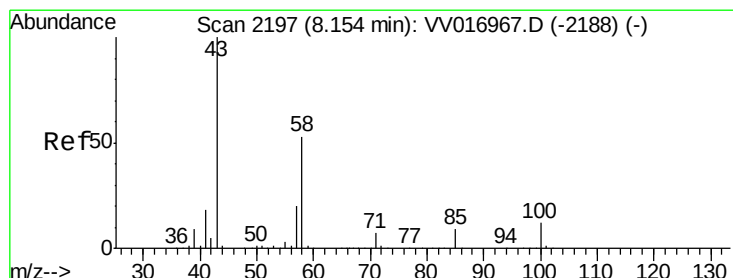
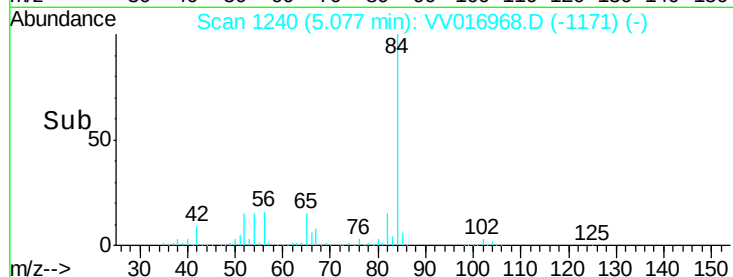
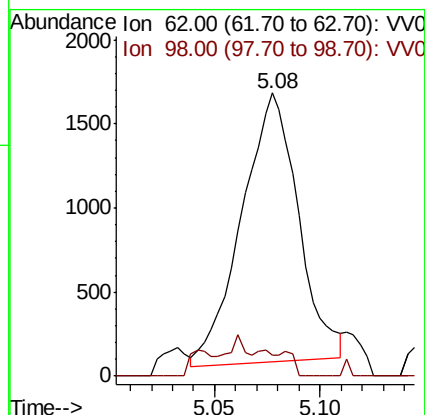
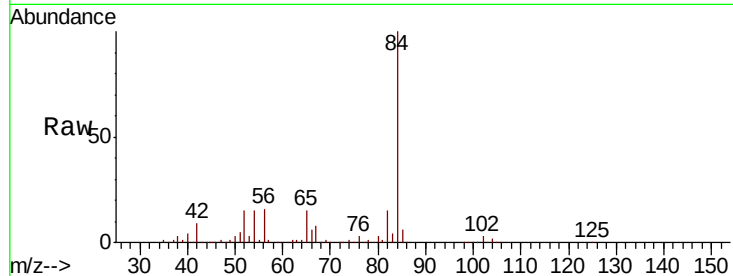




#27
 1,2-Dichloroethane
 Concen: 0.735 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016968.D
 Acq: 18 Jun 2020 10:42

Instrument :
 MSVOA_V
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 VBLK89

Tot Ion: 62 Resp: 2994
 Ion Ratio Lower Upper
 62 100
 98 7.7 7.4 11.2



#48
 2-Hexanone
 Concen: 4.188 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV016968.D
 Acq: 18 Jun 2020 10:42

Tgt Ion: 43 Resp: 12533
 Ion Ratio Lower Upper
 43 100
 58 48.6 43.1 64.7
 57 2.7 15.3 22.9#
 100 10.4 10.0 15.0

