

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015340.D
 Acq On : 01 Apr 2020 19:26
 Operator : SY/MD
 Sample : L1985-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 03:30:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 03:22:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	726401	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	691338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	320522	50.00	ug/L	0.00

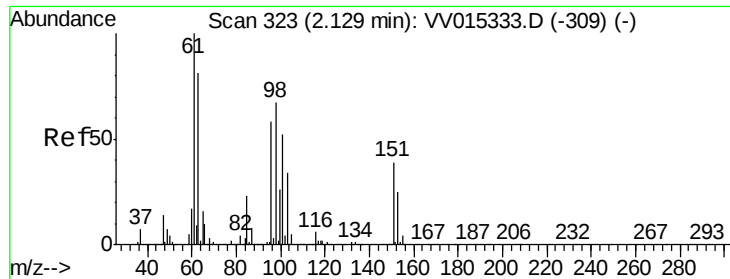
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	266592	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.86%
7) Chloroethane-d5	1.58	69	231736	41.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.30%
11) 1,1-Dichloroethene-d2	2.12	63	378587	32.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.04%
21) 2-Butanone-d5	3.94	46	309367	89.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.36%
24) Chloroform-d	4.38	84	454016	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.44%
26) 1,2-Dichloroethane-d4	5.06	65	288619	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.18%
32) Benzene-d6	5.07	84	944428	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
36) 1,2-Dichloropropane-d6	6.09	67	281823	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.80%
41) Toluene-d8	7.34	98	899048	44.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.32%
43) trans-1,3-Dichloropropene-	7.64	79	146255	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.34%
47) 2-Hexanone-d5	8.12	63	247895	86.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	396364	44.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	330709	45.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.72%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3924	0.716 ug/L	# 30
25) Chloroform	4.40	83	9988	1.020 ug/L	89
27) 1,2-Dichloroethane	5.07	62	5394	0.731 ug/L	99

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



#10

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

Concen: 0.716 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015340.D

Acq: 01 Apr 2020 19:26

Instrument :

MSVOA_V

ClientSampleId :

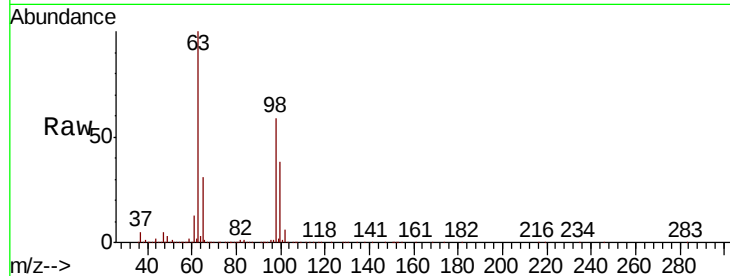
Tot Ion:101 Resp: 3924

Ion Ratio Lower Upper

101 100

85 7.2 36.1 54.1#

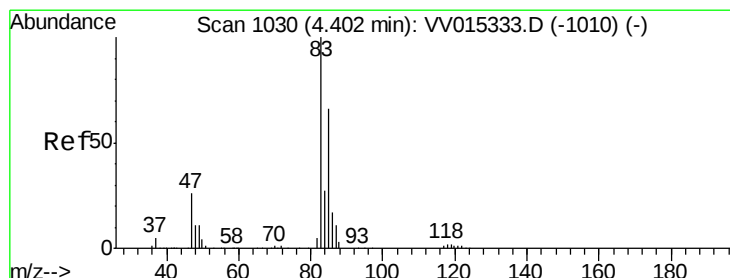
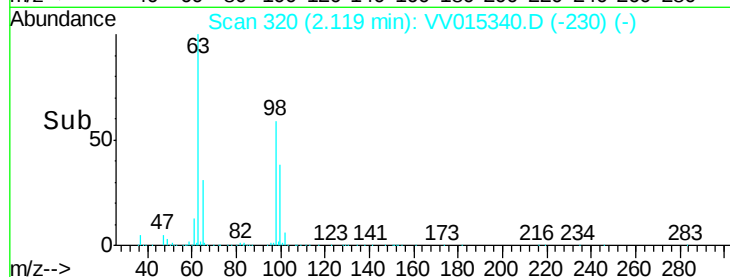
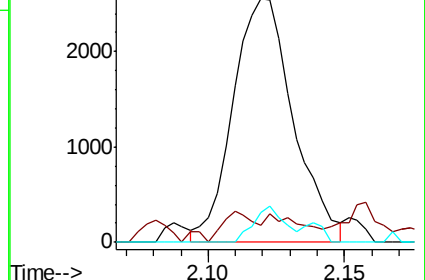
151 7.4 58.2 87.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.020 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV015340.D

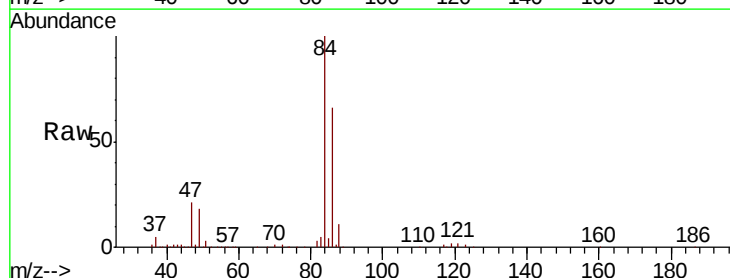
Acq: 01 Apr 2020 19:26

Tgt Ion: 83 Resp: 9988

Ion Ratio Lower Upper

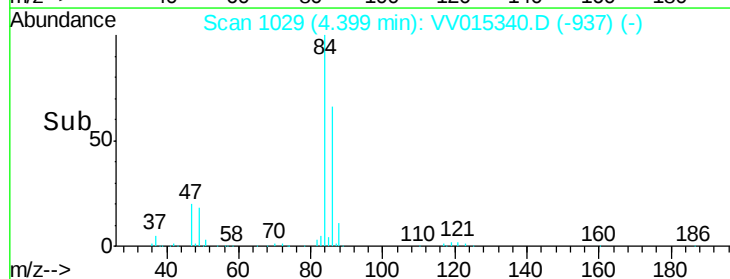
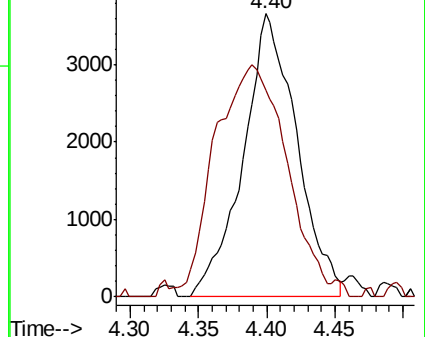
83 100

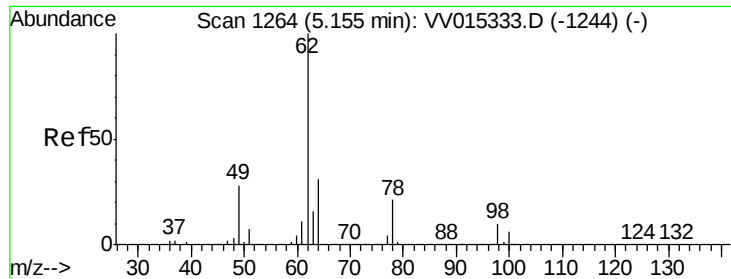
85 73.1 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27
 1,2-Dichloroethane
 Concen: 0.731 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015340.D
 Acq: 01 Apr 2020 19:26

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 62 Resp: 5394
 Ion Ratio Lower Upper
 62 100
 98 10.1 7.9 11.9

