

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030420\
 Data File : VV014742.D
 Acq On : 04 Mar 2020 18:35
 Operator : SY/MD
 Sample : L1782-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA5

Quant Time: Mar 05 07:50:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 05 06:28:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	238619	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	232026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	112412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72455	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	63966	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.13	63	97326	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	3.96	46	221334	57.32	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.64%
24) Chloroform-d	4.40	84	151027	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.08	65	85383	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	316865	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	103124	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	280842	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	37562	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.14	63	148479	45.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.18%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	77659	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	106852	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

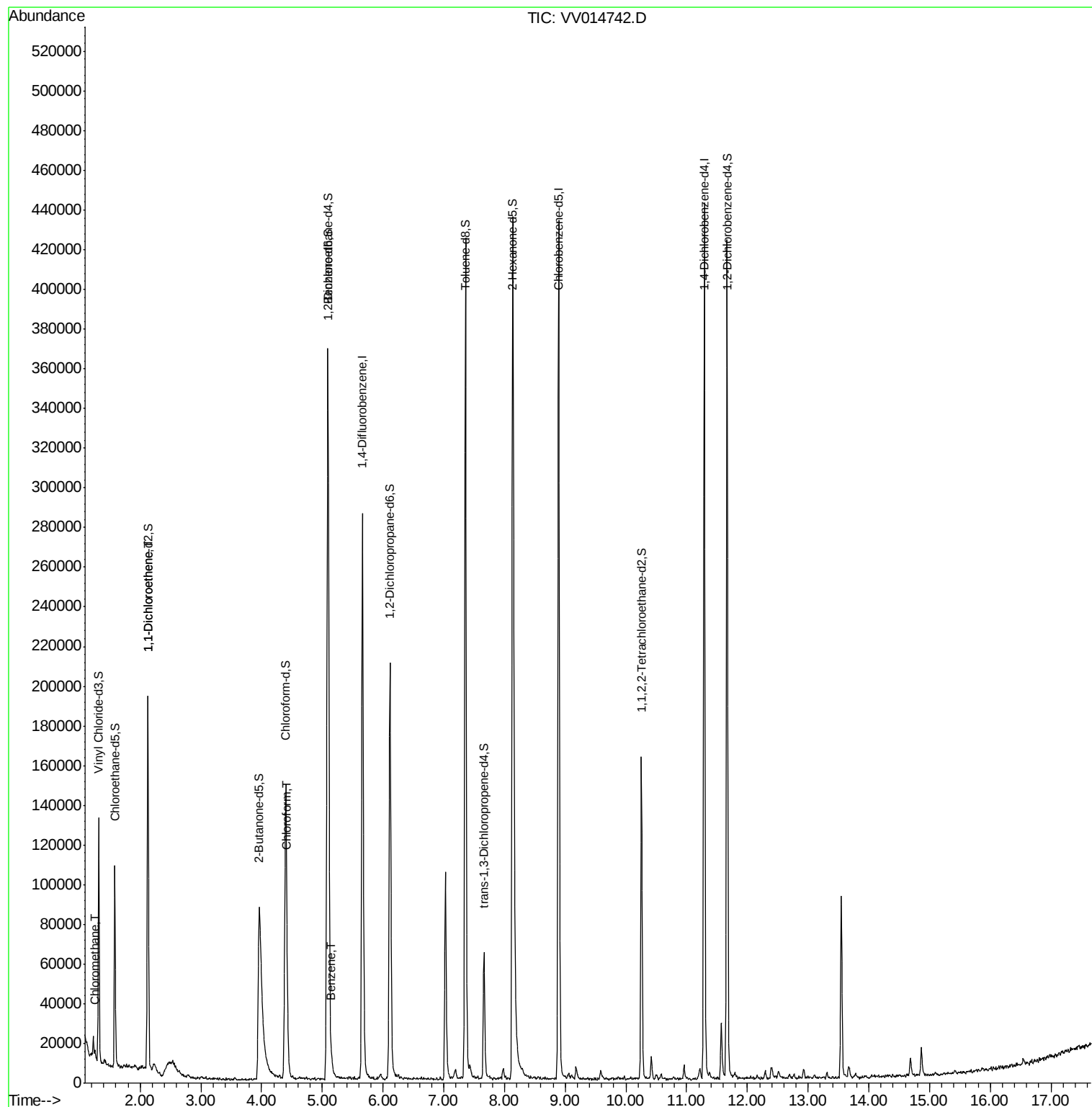
					Ovalue
3) Chloromethane	1.25	50	2677	0.111 ug/L	87
12) 1,1-Dichloroethene	2.13	96	1094	0.073 ug/L #	1
25) Chloroform	4.42	83	8791	0.252 ug/L	90
33) Benzene	5.15	78	5961	0.078 ug/L	100

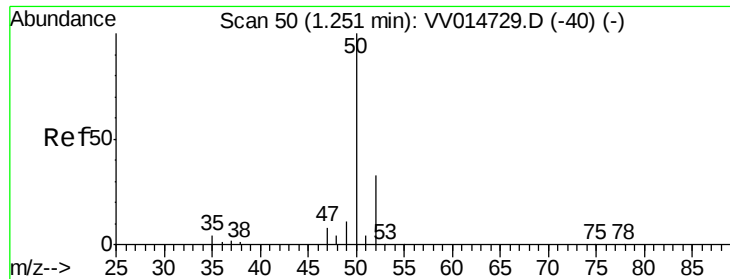
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.111 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014742.D

Acq: 04 Mar 2020 18:35

Instrument :

MSVOA_V

ClientSampled :

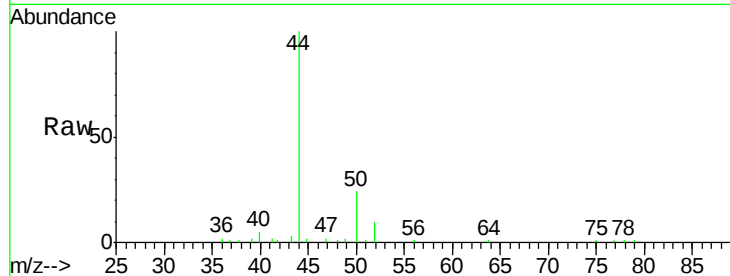
C0AA5

Tot Ion: 50 Resp: 2677

Ion Ratio Lower Upper

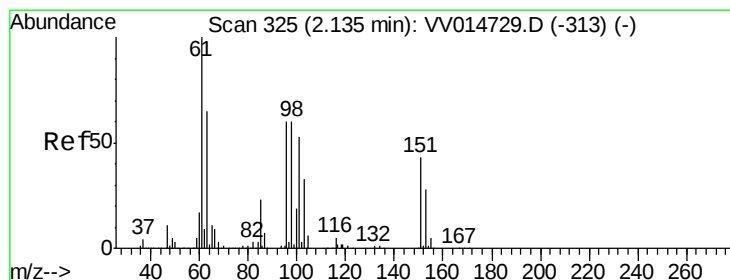
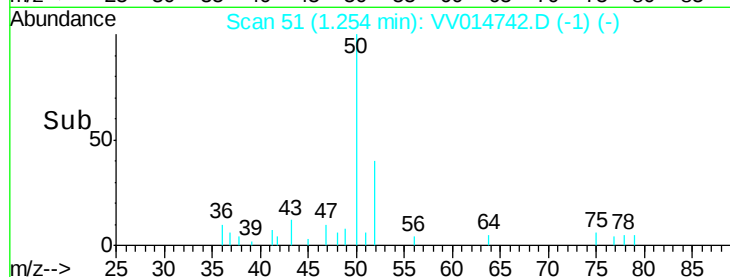
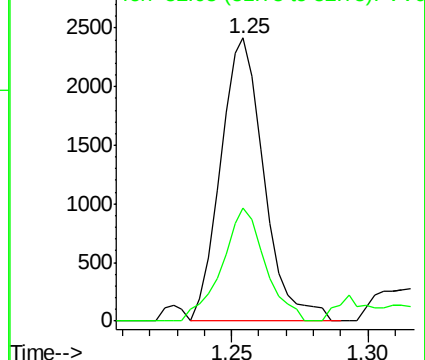
50 100

52 40.1 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014742.D

Acq: 04 Mar 2020 18:35

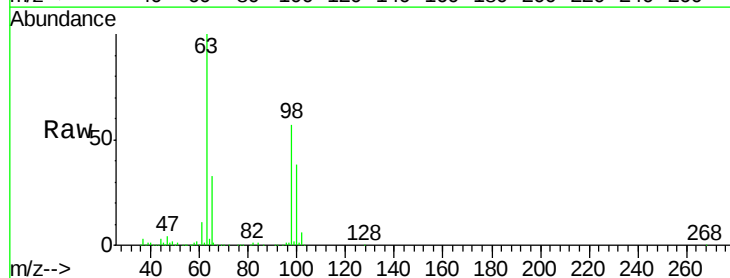
Tgt Ion: 96 Resp: 1094

Ion Ratio Lower Upper

96 100

61 922.0 121.3 225.3#

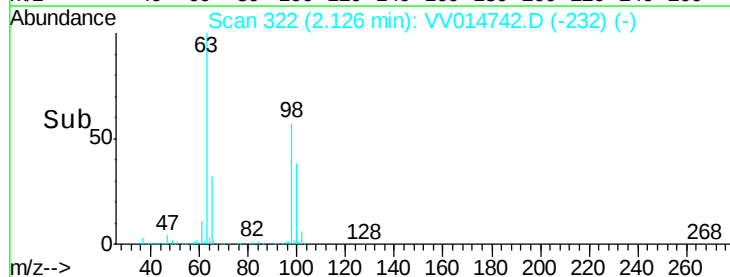
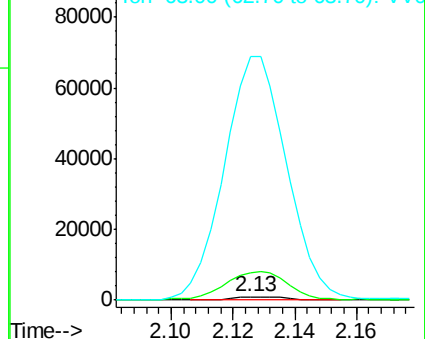
63 8082.8 81.6 151.6#

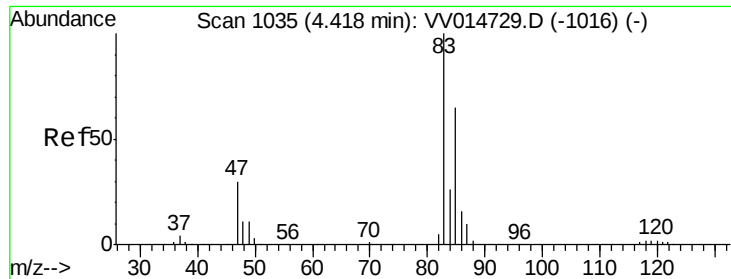


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

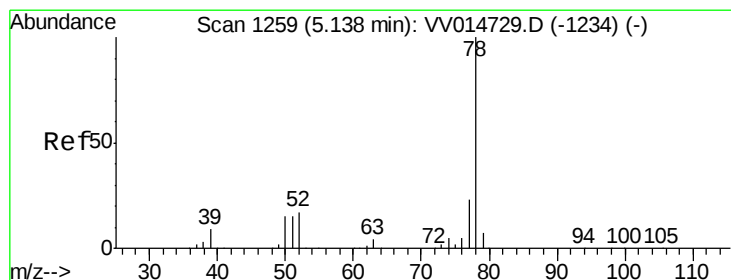
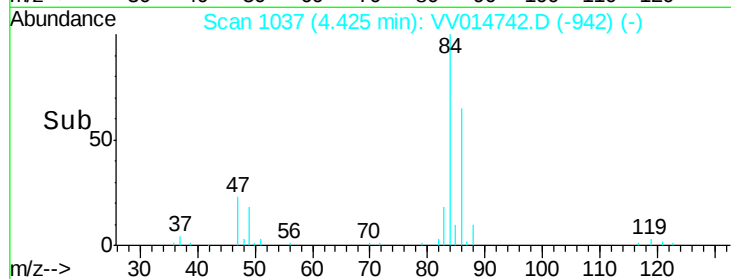
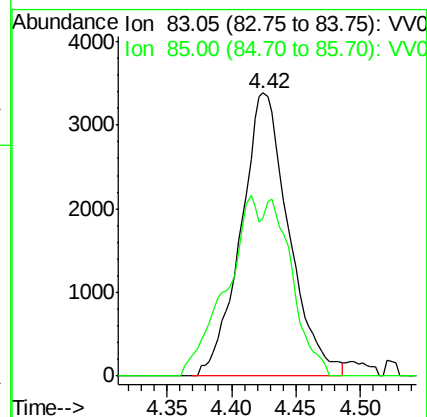
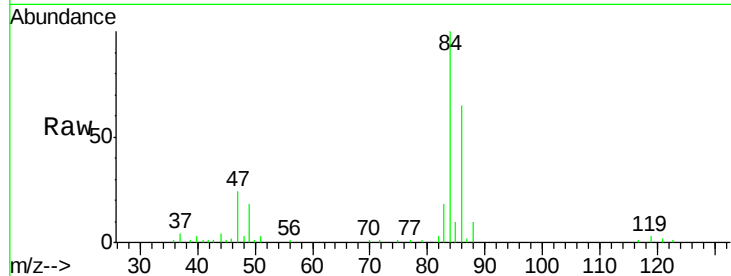




#25
Chloroform
Concen: 0.252 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
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Tot Ion: 83 Resp: 8791
Ion Ratio Lower Upper
83 100
85 55.8 44.7 83.1



#33
Benzene
Concen: 0.078 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV014742.D
Acq: 04 Mar 2020 18:35

Tgt Ion: 78 Resp: 5961

