

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO080720\
 Data File : VX017833.D
 Acq On : 07 Aug 2020 18:28
 Operator : JC/SP
 Sample : L3591-06
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 00:14:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 00:10:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	297450	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	273410	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	132608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	95257	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.69	69	79182	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.34	63	149304	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.54	46	237167	43.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.90%
24) Chloroform-d	5.15	84	190187	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	6.04	65	106661	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	6.05	84	361349	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	7.37	67	118506	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	8.70	98	308004	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
45) trans-1,3-Dichloropropene-	8.99	79	46252	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
48) 2-Hexanone-d5	9.43	63	181366	43.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.86%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	72261	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	114910	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

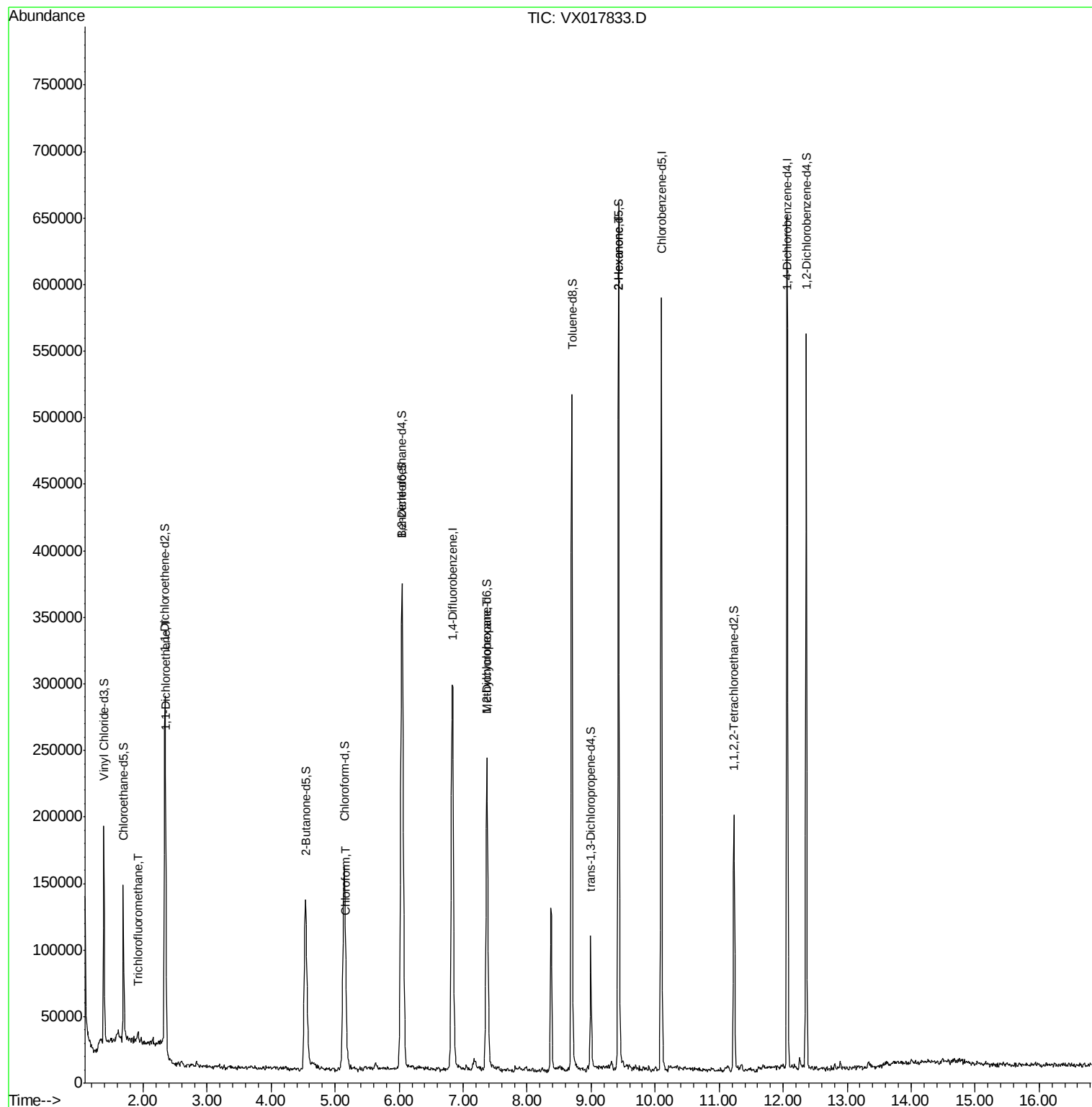
					Ovalue
9) Trichlorofluoromethane	1.92	101	5018	0.111 ug/L	88
12) 1,1-Dichloroethene	2.36	96	10345	0.454 ug/L #	1
25) Chloroform	5.17	83	12230	0.246 ug/L	92
35) Methylcyclohexane	7.37	83	27940	0.703 ug/L #	21
50) 2-Hexanone	9.43	43	24146	2.126 ug/L #	68

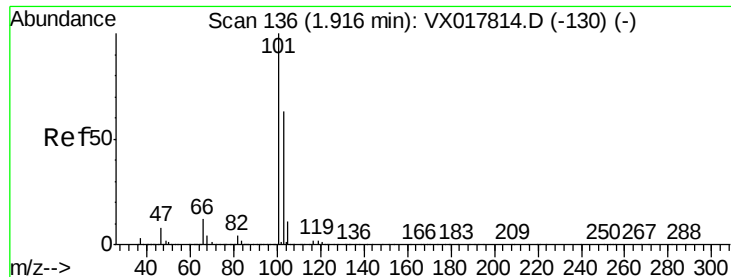
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.111 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

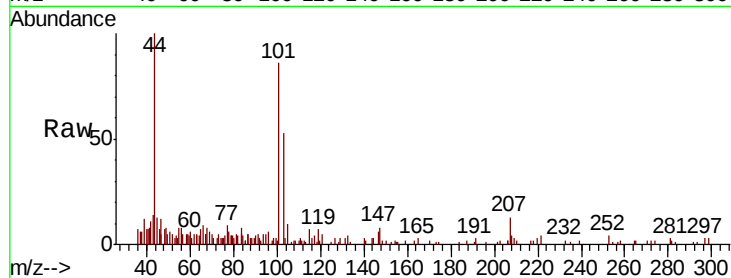
ClientSampleId :

Tot Ion:101 Resp: 5018

Ion Ratio Lower Upper

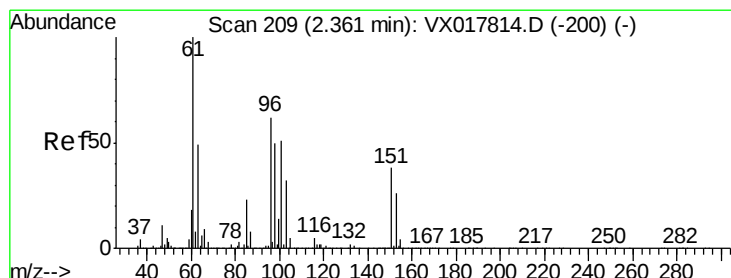
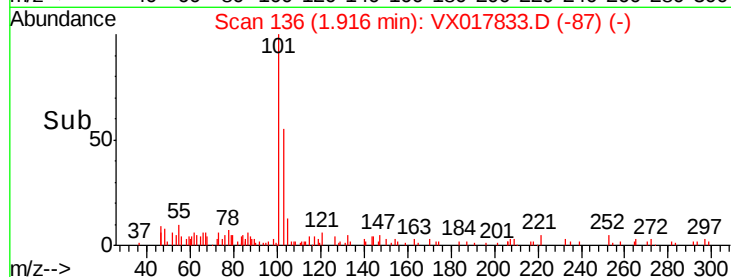
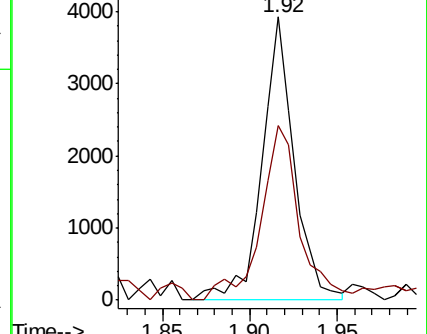
101 100

103 74.2 52.0 78.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 0.454 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

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Acq: 07 Aug 2020 18:28

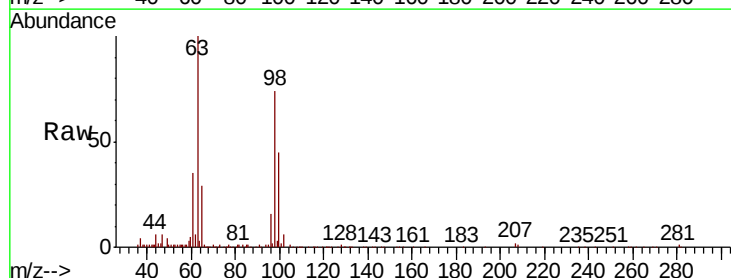
Tgt Ion: 96 Resp: 10345

Ion Ratio Lower Upper

96 100

61 219.3 123.5 229.3

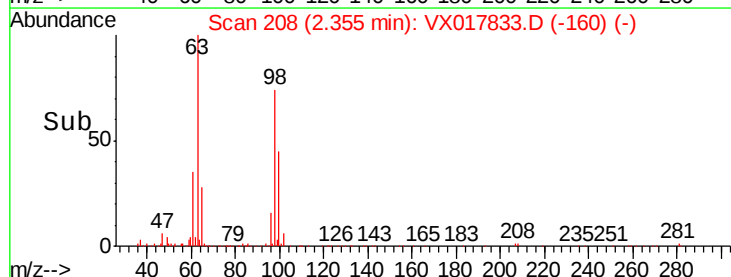
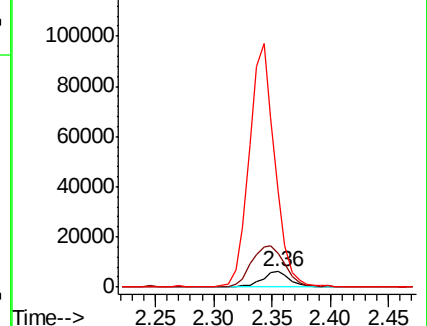
63 624.4 67.0 124.4#

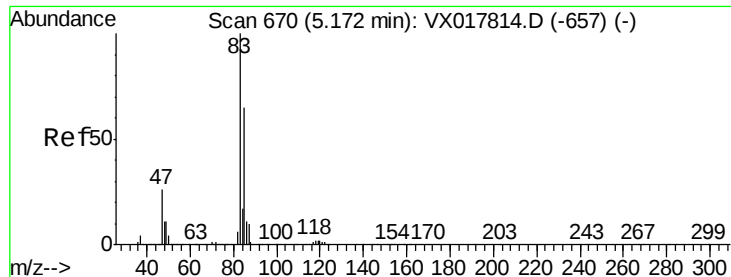


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#25

Chloroform

Concen: 0.246 ug/L

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

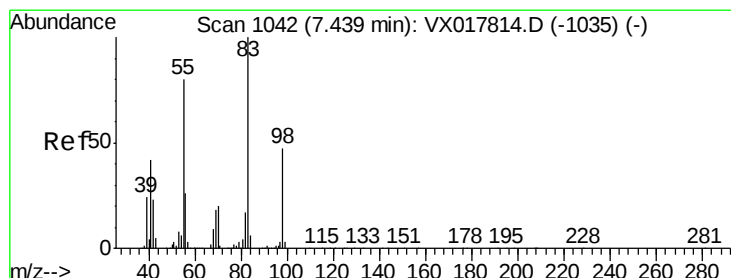
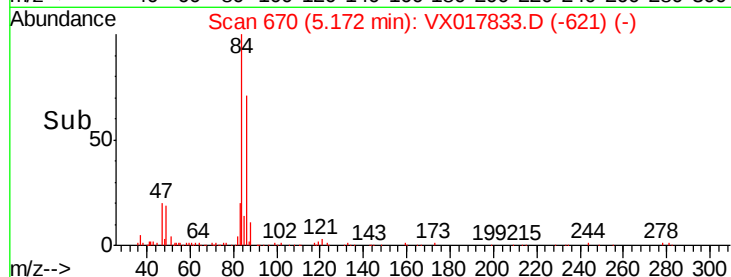
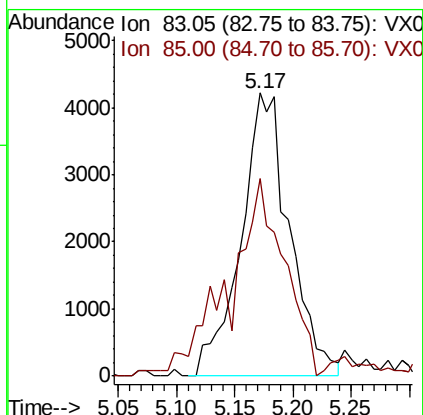
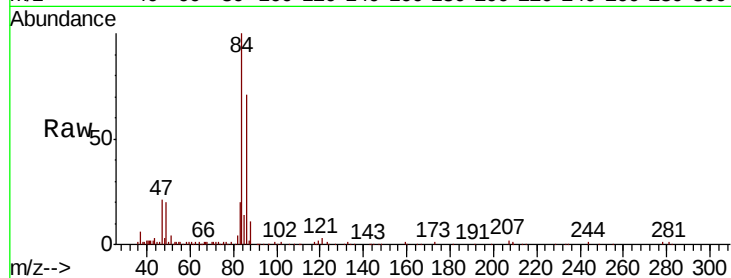
ClientSampleId :

Tot Ion: 83 Resp: 12230

Ion Ratio Lower Upper

83 100

85 70.0 44.7 83.1



#35

Methylcyclohexane

Concen: 0.703 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX017833.D

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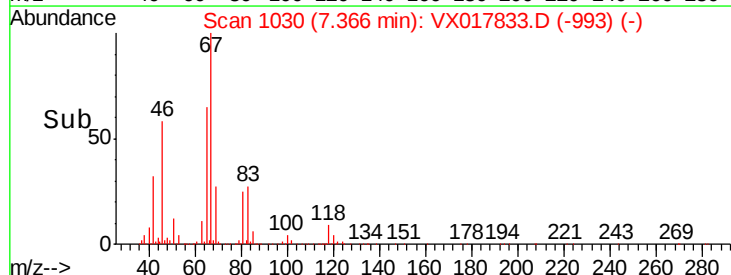
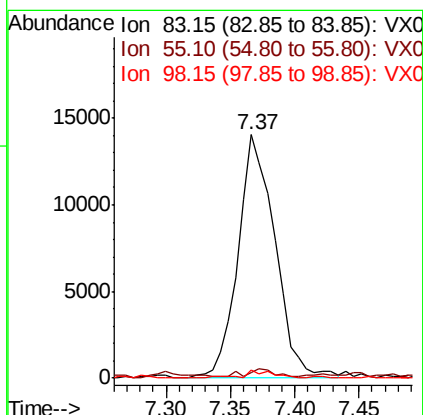
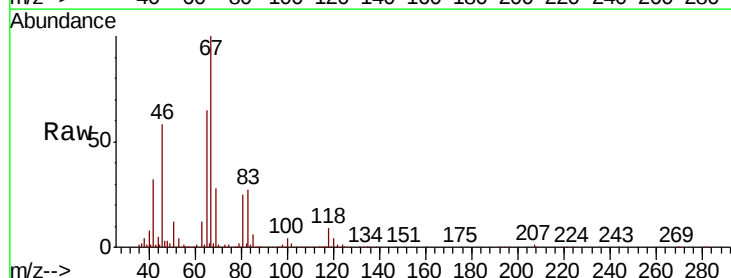
Tgt Ion: 83 Resp: 27940

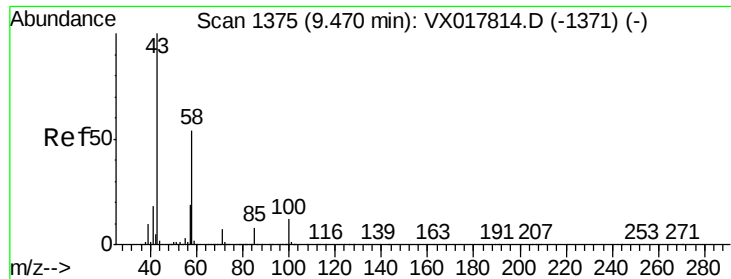
Ion Ratio Lower Upper

83 100

55 2.7 62.4 93.6#

98 2.5 38.0 57.0#





#50

2-Hexanone

Concen: 2.126 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

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Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 24146

Ion	Ratio	Lower	Upper
43	100		
58	26.5	43.0	64.6#
57	26.7	15.0	22.4#
100	1.7	9.2	13.8#

