

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
 Data File : VX018822.D
 Acq On : 07 Oct 2020 19:48
 Operator : JC/SP
 Sample : L4286-04
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AT7

Quant Time: Oct 08 03:19:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 08 01:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	152691	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	143496	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	66109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	33463	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.70	69	33045	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.34	63	62477	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.56	46	145936	62.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.76%
24) Chloroform-d	5.14	84	99356	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	6.03	65	58190	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	6.05	84	172266	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	7.37	67	55511	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	8.70	98	149384	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
45) trans-1,3-Dichloropropene-	8.99	79	24850	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
48) 2-Hexanone-d5	9.43	63	115723	62.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.50%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	45599	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	65412	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

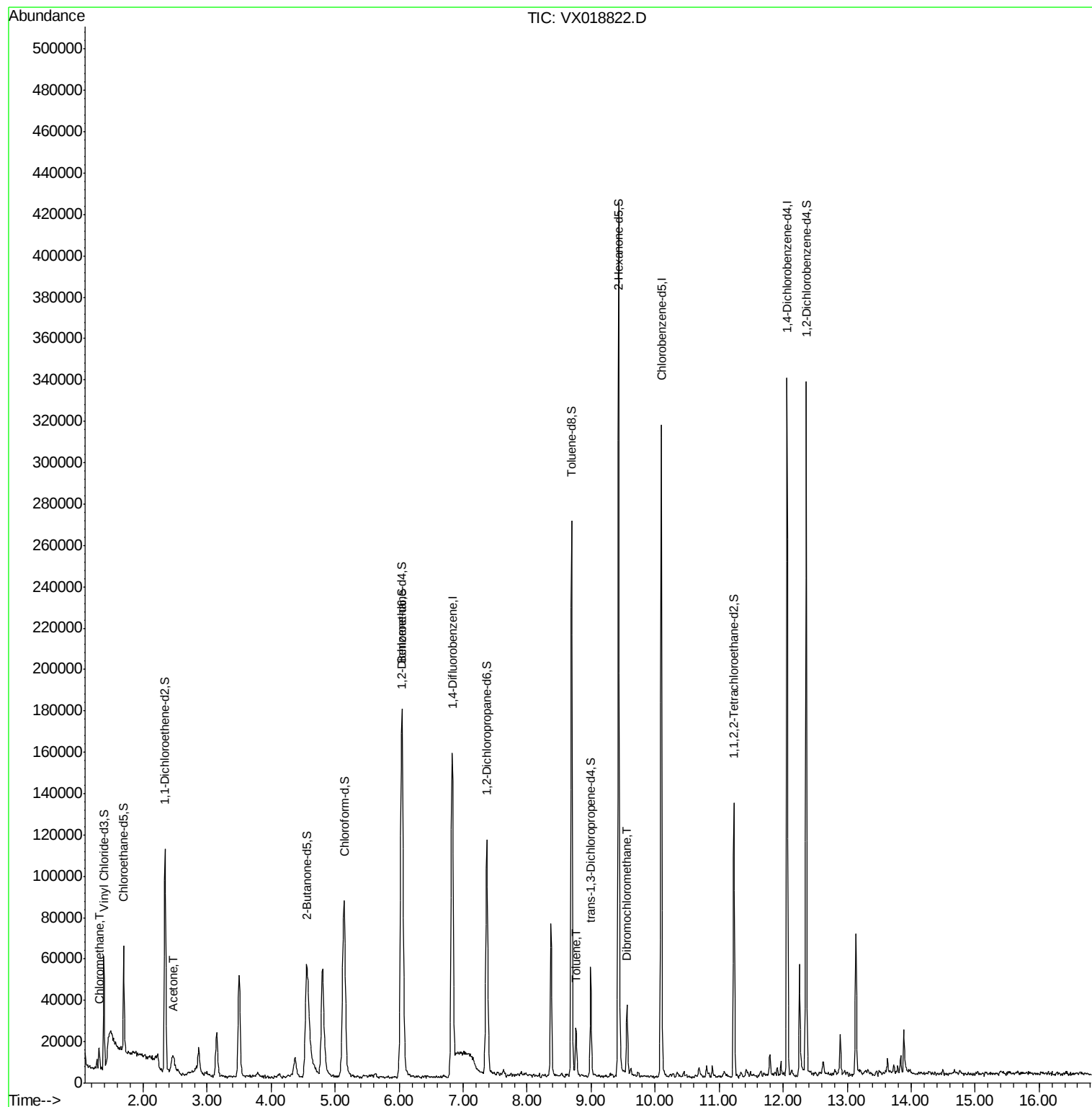
Target Compounds					Ovalue
3) Chloromethane	1.31	50	6613	0.895 ug/L	95
13) Acetone	2.46	43	21963	17.195 ug/L	99
42) Toluene	8.76	91	13542	0.412 ug/L	95
51) Dibromochloromethane	9.56	129	652	0.079 ug/L	96

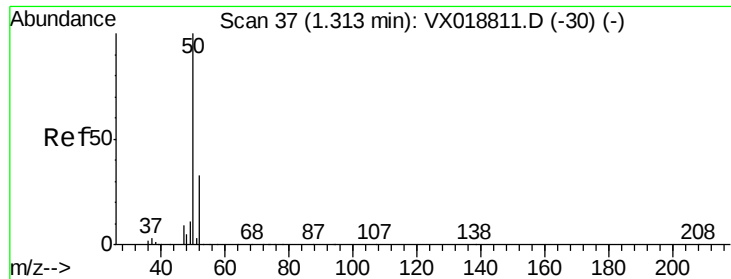
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.895 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

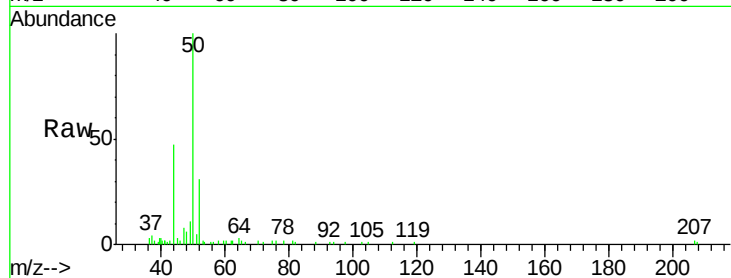
C0AT7

Tot Ion: 50 Resp: 6613

Ion Ratio Lower Upper

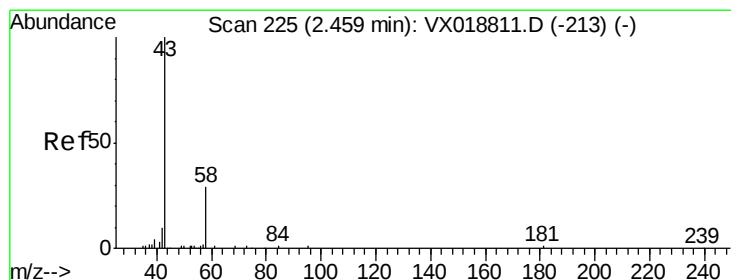
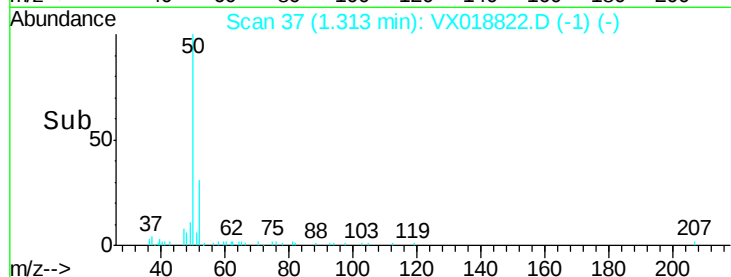
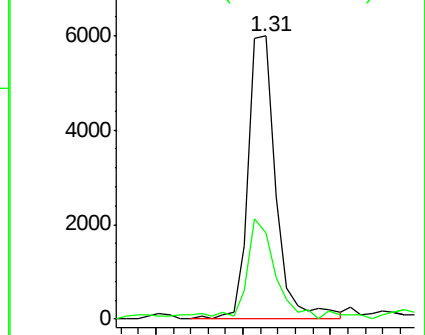
50 100

52 30.6 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 17.195 ug/L

RT: 2.46 min Scan# 226

Delta R.T. 0.01 min

Lab File: VX018822.D

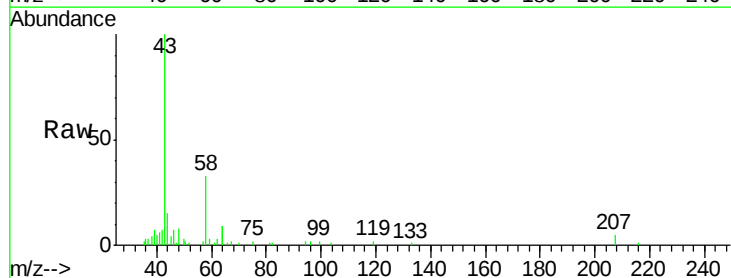
Acq: 07 Oct 2020 19:48

Tgt Ion: 43 Resp: 21963

Ion Ratio Lower Upper

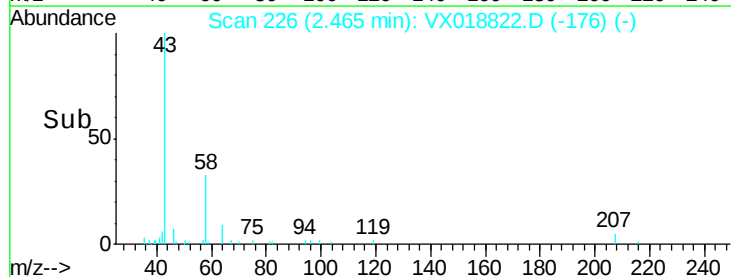
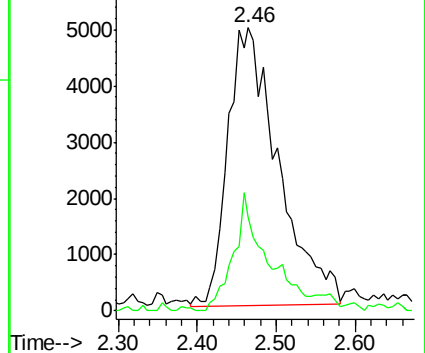
43 100

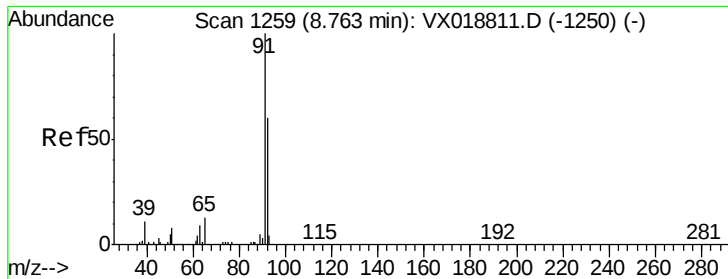
58 28.6 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#42

Toluene

Concen: 0.412 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

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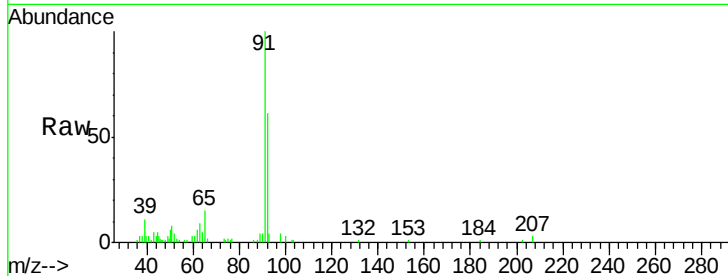
C0AT7

Tot Ion: 91 Resp: 13542

Ion Ratio Lower Upper

91 100

92 61.0 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.76

10000

8000

6000

4000

2000

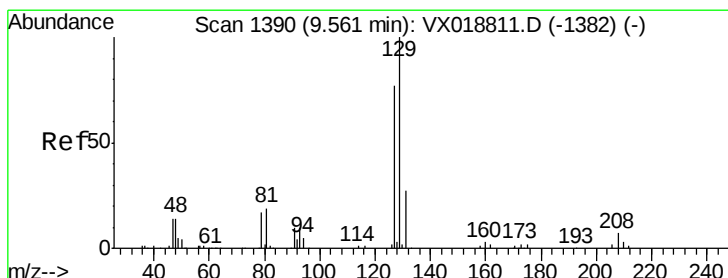
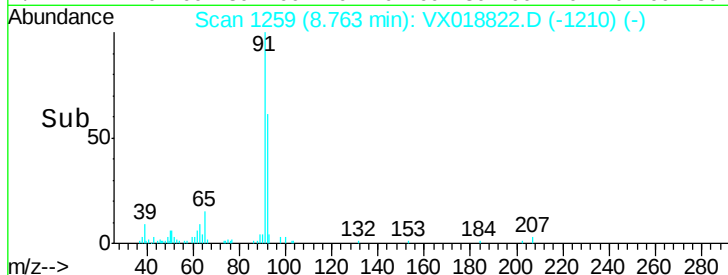
0

Time-->

8.70

8.75

8.80



#51

Dibromochloromethane

Concen: 0.079 ug/L

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

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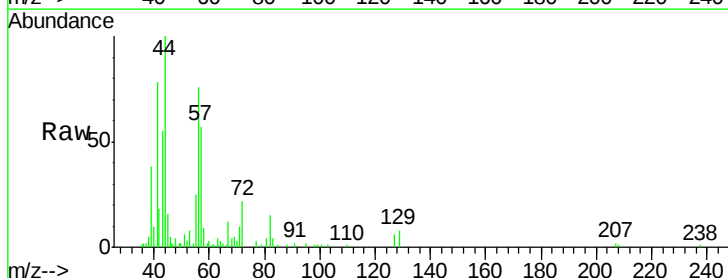
Acq: 07 Oct 2020 19:48

Tgt Ion: 129 Resp: 652

Ion Ratio Lower Upper

129 100

127 81.6 54.5 101.1



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

9.56

500

400

300

200

100

0

Time-->

9.55

9.60

