

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081020\
 Data File : VX017845.D
 Acq On : 10 Aug 2020 13:10
 Operator : JC/SP
 Sample : L3675-06
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYA2

Quant Time: Aug 11 07:33:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 07:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	289793	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	297579	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	127109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	84074	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.70	69	76903	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.34	63	125559	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.54	46	275853	51.87	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.74%
24) Chloroform-d	5.15	84	193593	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	6.04	65	119097	5.34	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	6.05	84	348910	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	7.37	67	110764	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	8.70	98	304635	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
45) trans-1,3-Dichloropropene-	8.99	79	50086	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
48) 2-Hexanone-d5	9.43	63	228165	50.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.40%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	87806	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	133157	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

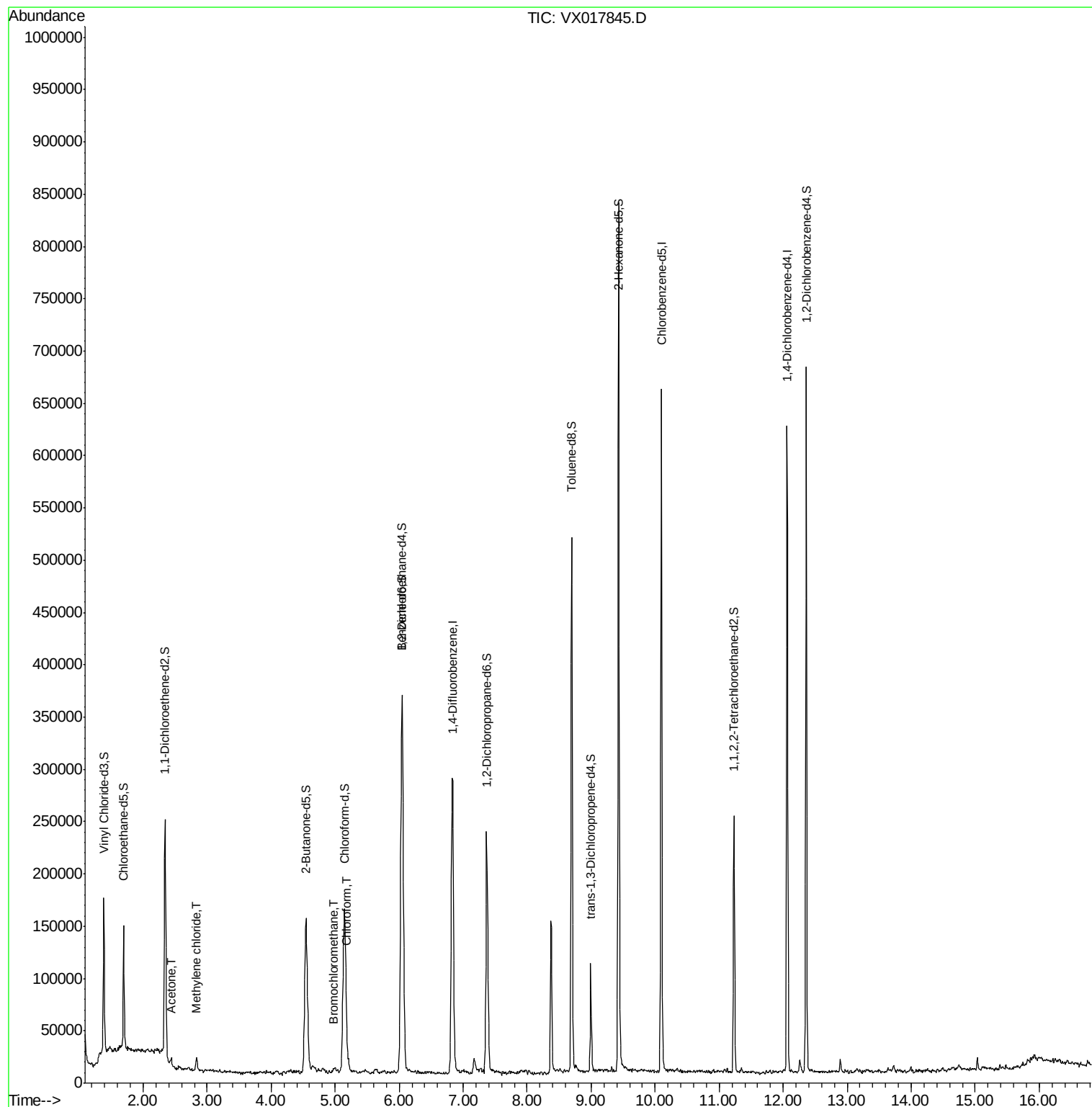
					Ovalue
13) Acetone	2.43	43	10086	2.596	ug/L 86
16) Methylene chloride	2.84	84	5859	0.191	ug/L 84
23) Bromochloromethane	4.98	128	1628	0.132	ug/L 73
25) Chloroform	5.18	83	27329	0.564	ug/L 94

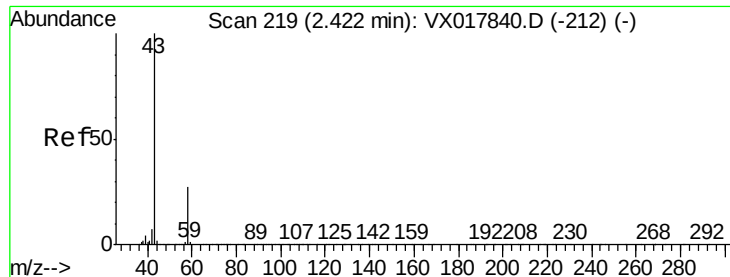
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.596 ug/L

RT: 2.43 min Scan# 221

Delta R.T. 0.01 min

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Acq: 10 Aug 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

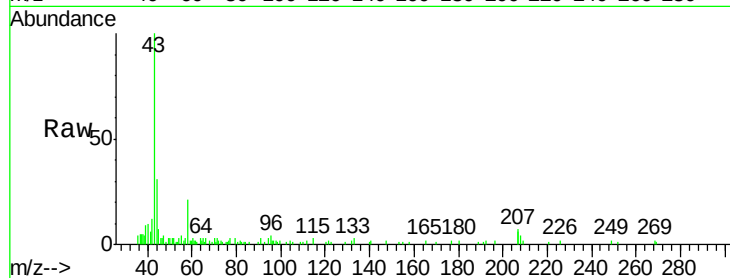
GAYA2

Tot Ion: 43 Resp: 10086

Ion Ratio Lower Upper

43 100

58 38.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

2.43

6000

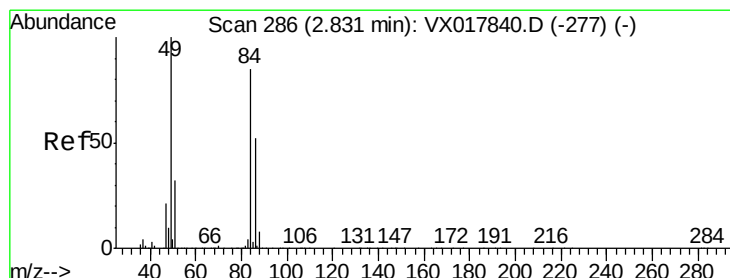
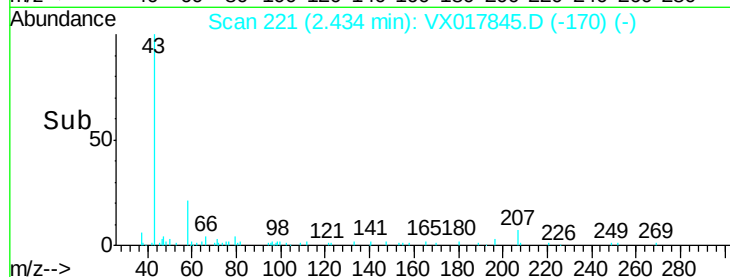
4000

2000

0

Time-->

2.35 2.40 2.45 2.50



#16

Methylene chloride

Concen: 0.191 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

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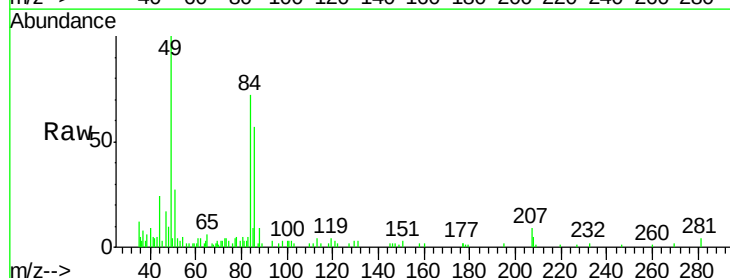
Tgt Ion: 84 Resp: 5859

Ion Ratio Lower Upper

84 100

86 79.7 43.0 80.0

49 138.7 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

5000

4000

3000

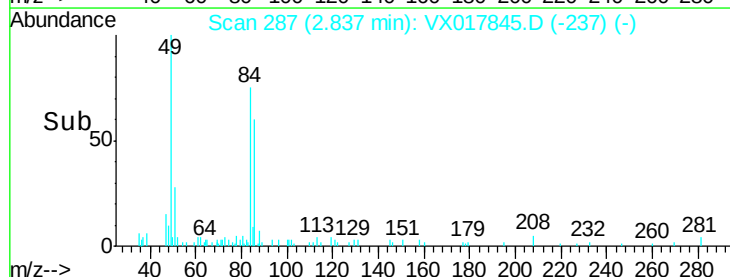
2000

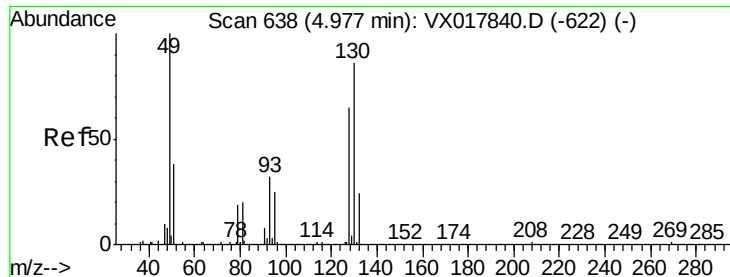
1000

0

Time-->

2.75 2.80 2.85 2.90





#23

Bromochloromethane

Concen: 0.132 ug/L

RT: 4.98 min Scan# 638

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

GAYA2

Tot Ion:128 Resp: 1628

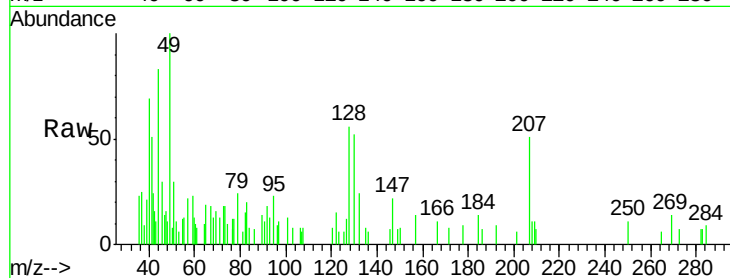
Ion Ratio Lower Upper

128 100

49 178.8 100.2 186.0

130 93.1 89.1 165.5

51 53.7 37.2 55.8

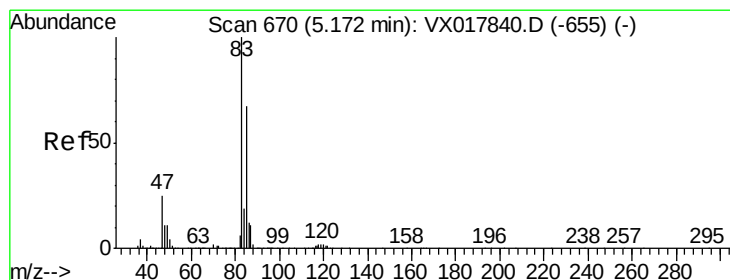
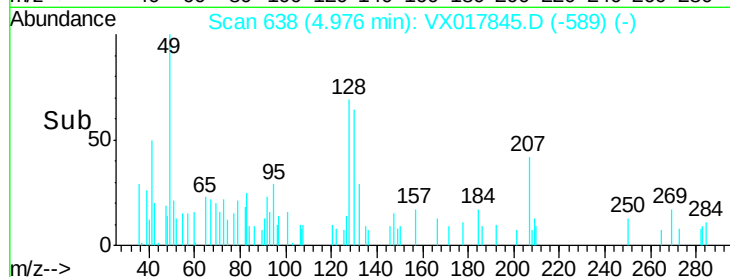
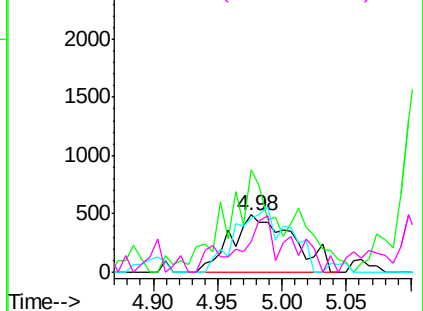


Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VX0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VX0



#25

Chloroform

Concen: 0.564 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

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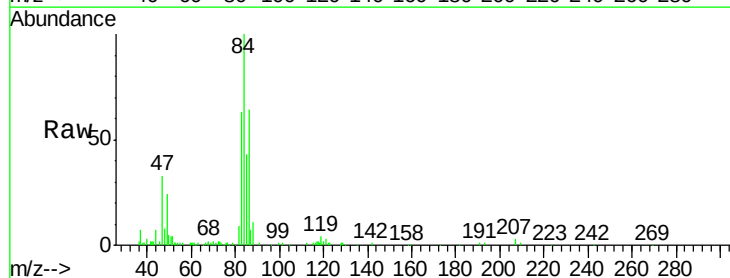
Acq: 10 Aug 2020 13:10

Tgt Ion: 83 Resp: 27329

Ion Ratio Lower Upper

83 100

85 68.7 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

