

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
 Data File : VX018823.D
 Acq On : 07 Oct 2020 20:13
 Operator : JC/SP
 Sample : L4286-13
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AW0

Quant Time: Oct 08 03:22:49 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	142730	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	137752	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	62749	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36598	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.70	69	35954	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.34	63	67585	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.56	46	157982	72.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.48%#
24) Chloroform-d	5.14	84	109574	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	6.03	65	65828	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	6.05	84	187307	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	7.37	67	59437	6.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.20%
41) Toluene-d8	8.70	98	164794	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
45) trans-1,3-Dichloropropene-	8.99	79	26185	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
48) 2-Hexanone-d5	9.43	63	125776	70.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	140.96%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	49513	6.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.00%#
65) 1,2-Dichlorobenzene-d4	12.36	152	70340	6.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.60%#

Target Compounds

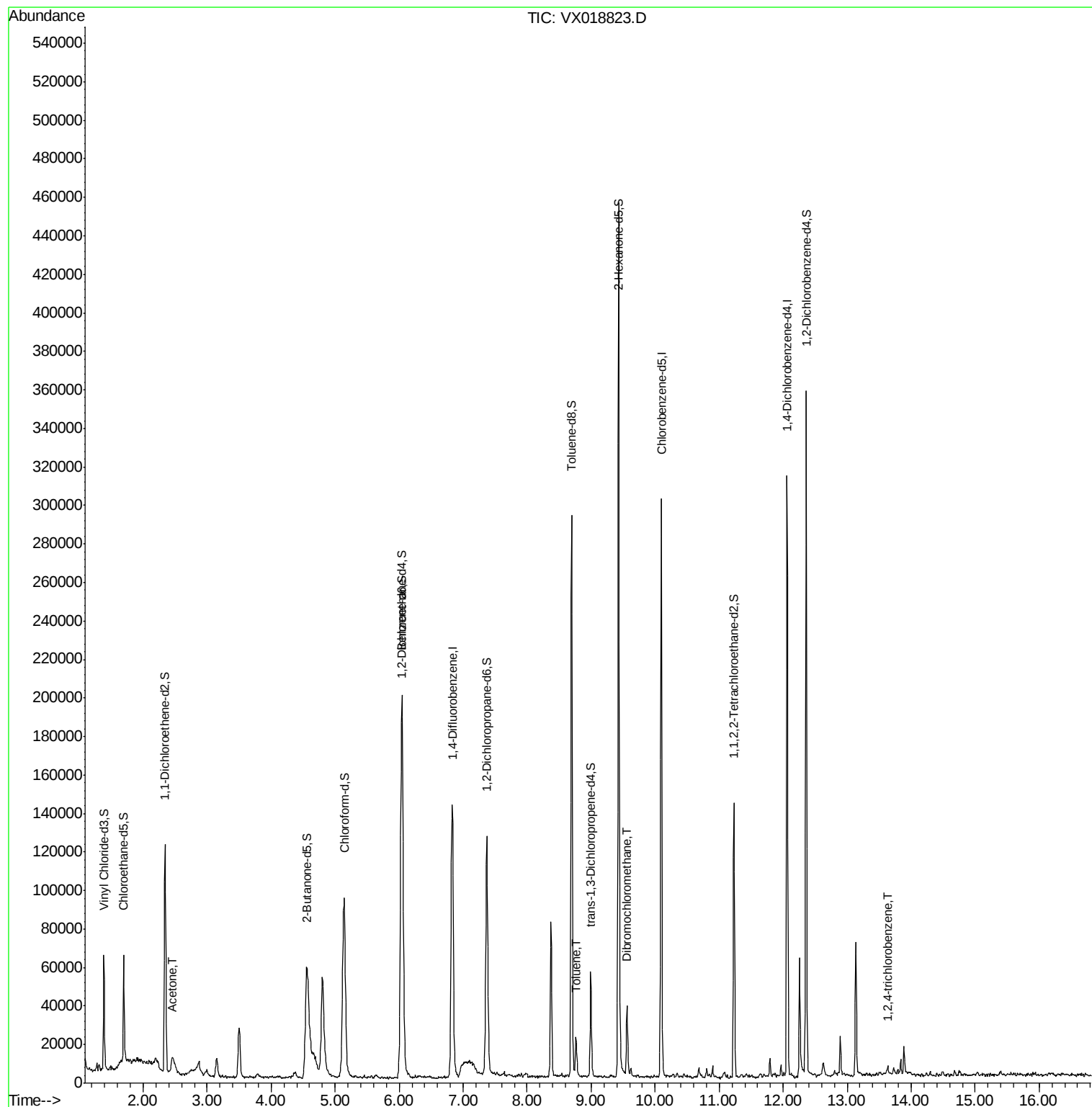
					Ovalue
13) Acetone	2.46	43	22115	18.522	ug/L 100
42) Toluene	8.76	91	12094	0.383	ug/L 94
51) Dibromochloromethane	9.57	129	652	0.082	ug/L 80
69) 1,2,4-trichlorobenzene	13.63	180	587	0.060	ug/L # 74

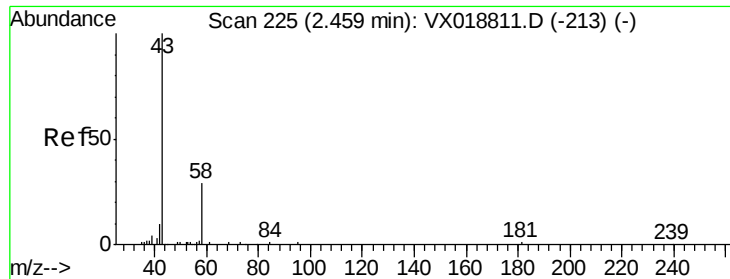
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.522 ug/L

RT: 2.46 min Scan# 226

Delta R.T. 0.01 min

Lab File: VX018823.D

Acq: 07 Oct 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

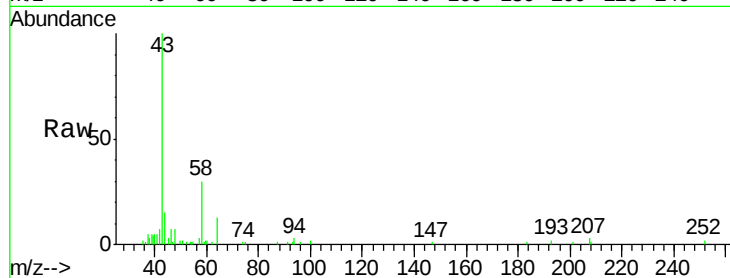
C0AW0

Tot Ion: 43 Resp: 22115

Ion Ratio Lower Upper

43 100

58 28.4 0.0 56.4



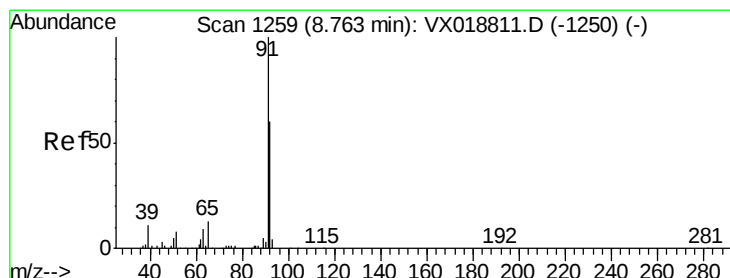
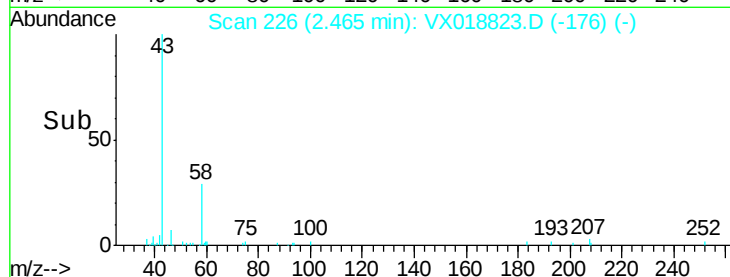
Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

2.46

Time-->

2.40 2.50 2.60



#42

Toluene

Concen: 0.383 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018823.D

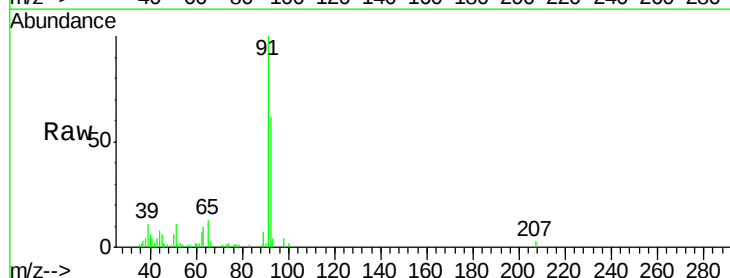
Acq: 07 Oct 2020 20:13

Tgt Ion: 91 Resp: 12094

Ion Ratio Lower Upper

91 100

92 62.2 40.3 74.9



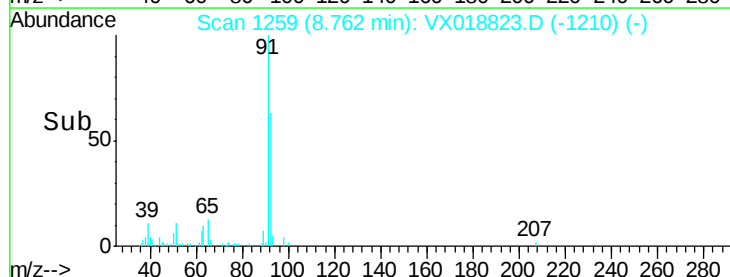
Abundance Ion 91.15 (90.85 to 91.85): VX0

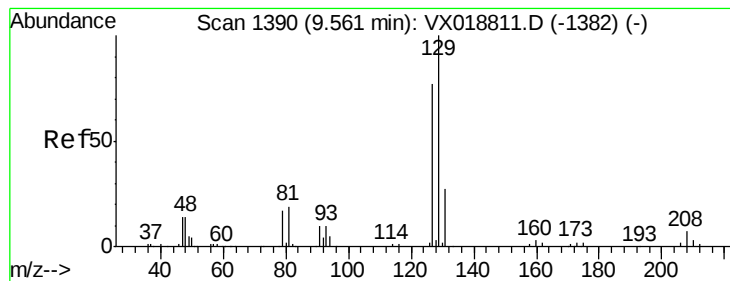
Ion 92.15 (91.85 to 92.85): VX0

8.76

Time-->

8.70 8.75 8.80 8.85





#51

Dibromochloromethane

Concen: 0.082 ug/L

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018823.D

Acq: 07 Oct 2020 20:13

Instrument :

MSVOA_X

ClientSampled :

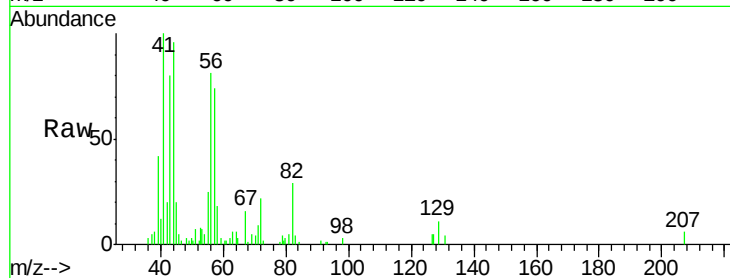
C0AW0

Tot Ion:129 Resp: 652

Ion Ratio Lower Upper

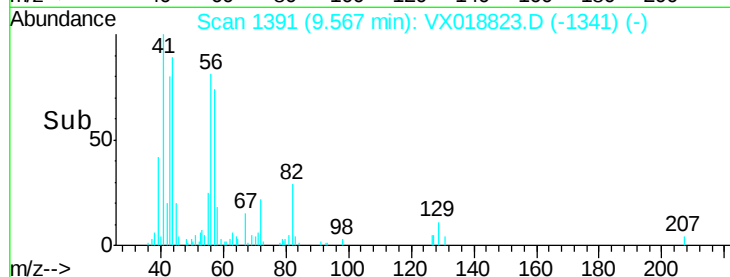
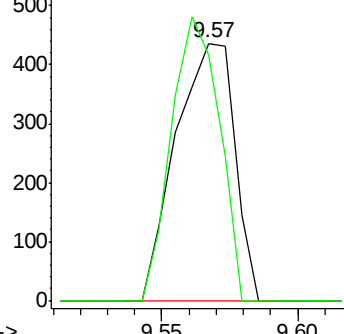
129 100

127 95.4 54.5 101.1

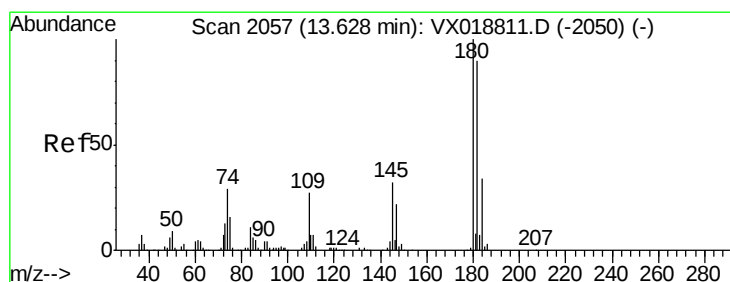


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time-->



#69

1,2,4-trichlorobenzene

Concen: 0.060 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018823.D

Acq: 07 Oct 2020 20:13

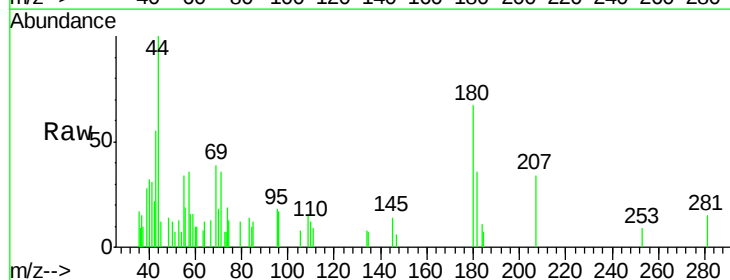
Tgt Ion:180 Resp: 587

Ion Ratio Lower Upper

180 100

182 68.0 80.2 120.4#

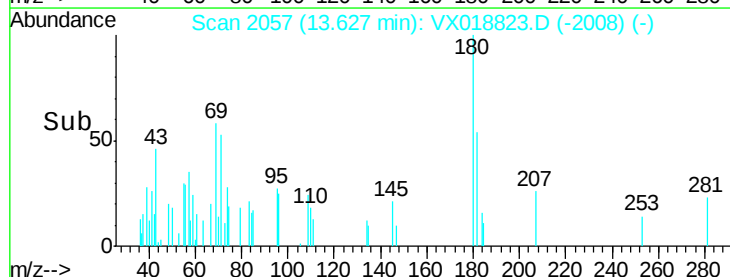
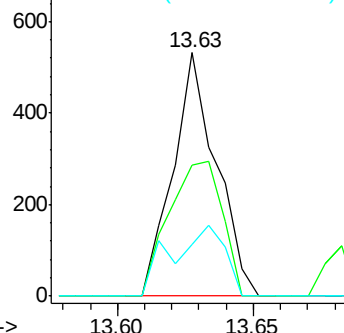
145 35.3 25.2 37.8



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



Time-->