

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
 Data File : VX018801.D
 Acq On : 06 Oct 2020 15:57
 Operator : JC/SP
 Sample : L4283-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFS4

Quant Time: Oct 07 03:05:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 07 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	126665	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	121008	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	55049	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	33266	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.70	69	30563	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.34	63	60476	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.56	46	122639	63.19	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.38%
24) Chloroform-d	5.14	84	88605	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	6.03	65	51869	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	6.04	84	158490	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	7.37	67	48782	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	8.70	98	146210	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
45) trans-1,3-Dichloropropene-	8.99	79	21982	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
48) 2-Hexanone-d5	9.43	63	98409	62.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.56%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	39322	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	59178	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

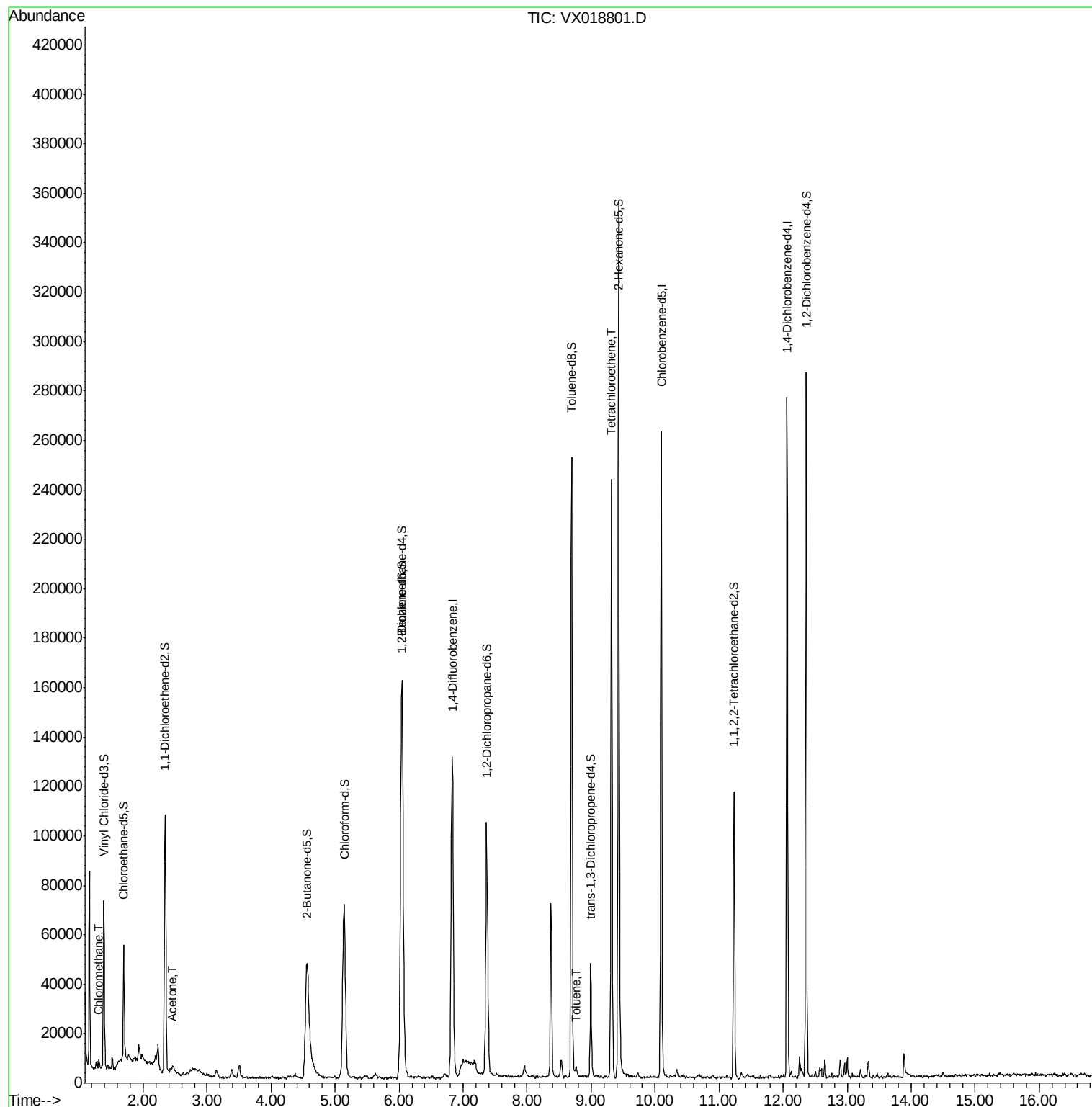
					Ovalue
3) Chloromethane	1.31	50	2270	0.371 ug/L	# 80
13) Acetone	2.46	43	8522	8.043 ug/L	95
42) Toluene	8.77	91	2188	0.079 ug/L	98
49) Tetrachloroethene	9.32	164	45833	7.008 ug/L	96

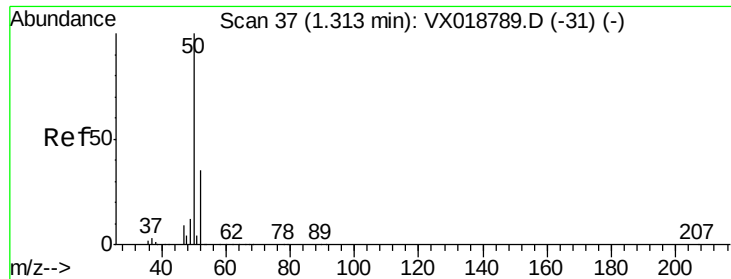
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.371 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018801.D

Acq: 06 Oct 2020 15:57

Instrument :

MSVOA_X

ClientSampled :

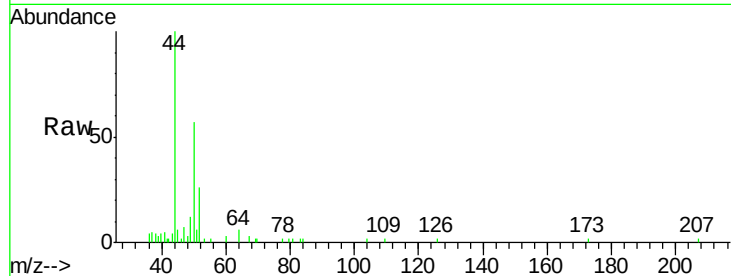
BFSA4

Tot Ion: 50 Resp: 2270

Ion Ratio Lower Upper

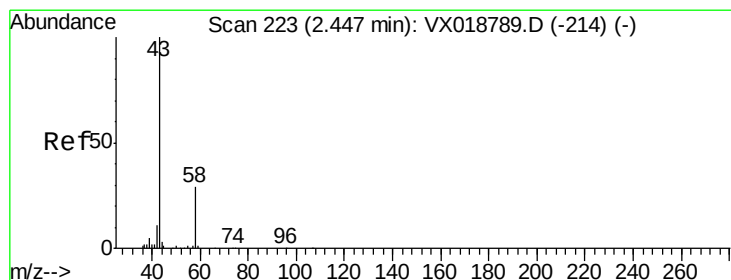
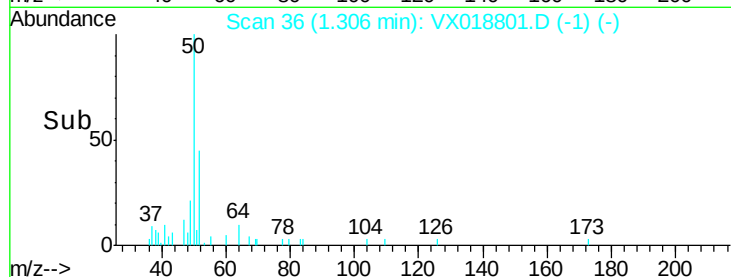
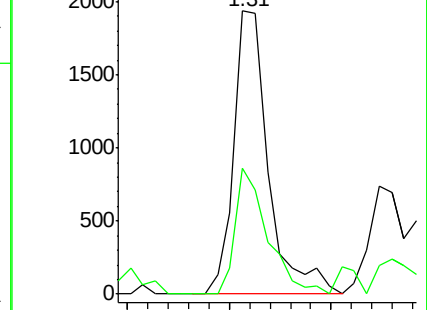
50 100

52 44.7 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: 8.043 ug/L

RT: 2.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: VX018801.D

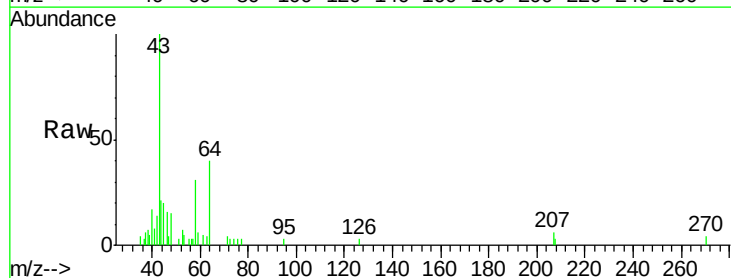
Acq: 06 Oct 2020 15:57

Tgt Ion: 43 Resp: 8522

Ion Ratio Lower Upper

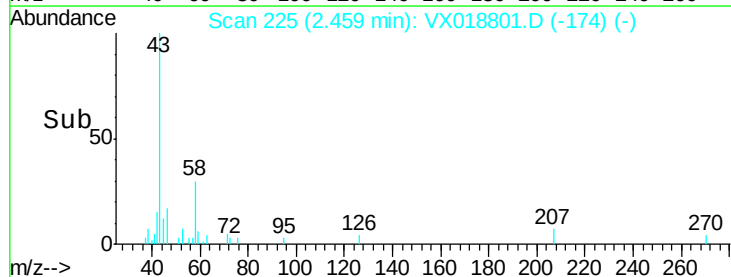
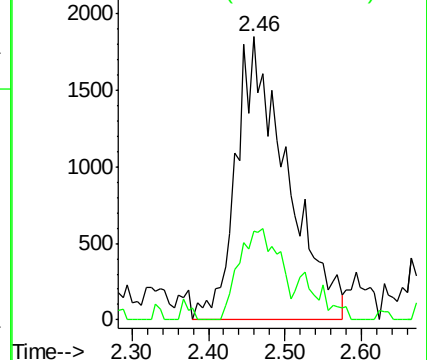
43 100

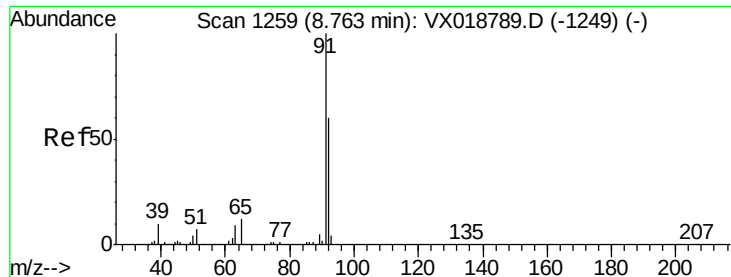
58 25.3 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#42

Toluene

Concen: 0.079 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

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Acq: 06 Oct 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

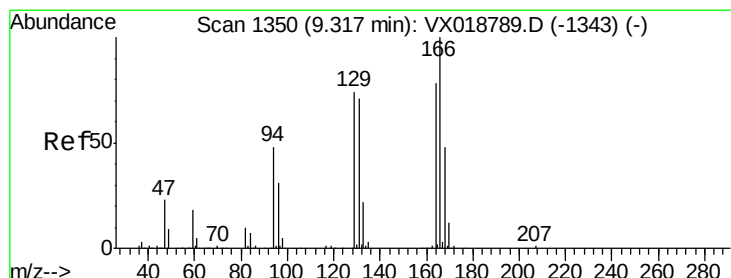
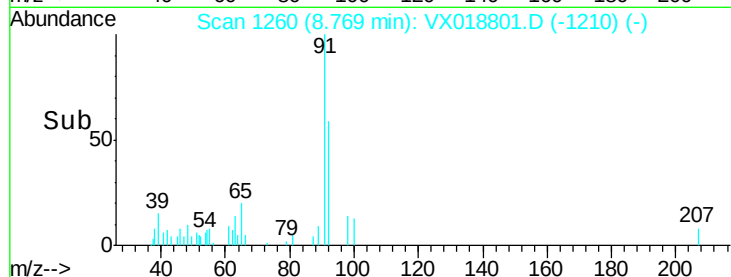
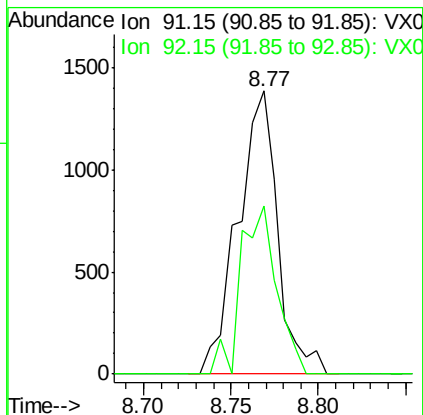
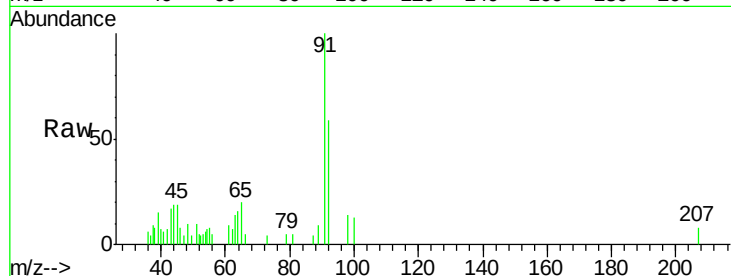
BFSA4

Tot Ion: 91 Resp: 2188

Ion Ratio Lower Upper

91 100

92 59.3 40.3 74.9



#49

Tetrachloroethene

Concen: 7.008 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018801.D

Acq: 06 Oct 2020 15:57

Tgt Ion: 164 Resp: 45833

Ion Ratio Lower Upper

164 100

129 96.1 68.7 127.5

131 91.3 65.3 121.3

166 119.5 88.5 164.4

