

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100620\
 Data File : VX018805.D
 Acq On : 06 Oct 2020 17:39
 Operator : JC/SP
 Sample : L4239-04DL2 2000X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N3DL2

Quant Time: Oct 07 03:25:12 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	111817	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	110532	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	54757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	31834	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.70	69	29655	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.34	63	56287	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.56	46	120092	70.09	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.18%#
24) Chloroform-d	5.14	84	85281	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	6.03	65	51472	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	6.05	84	154829	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
36) 1,2-Dichloropropane-d6	7.37	67	46825	5.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.00%
41) Toluene-d8	8.70	98	131391	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	8.99	79	21969	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
48) 2-Hexanone-d5	9.43	63	97126	67.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.66%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	38670	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	57685	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

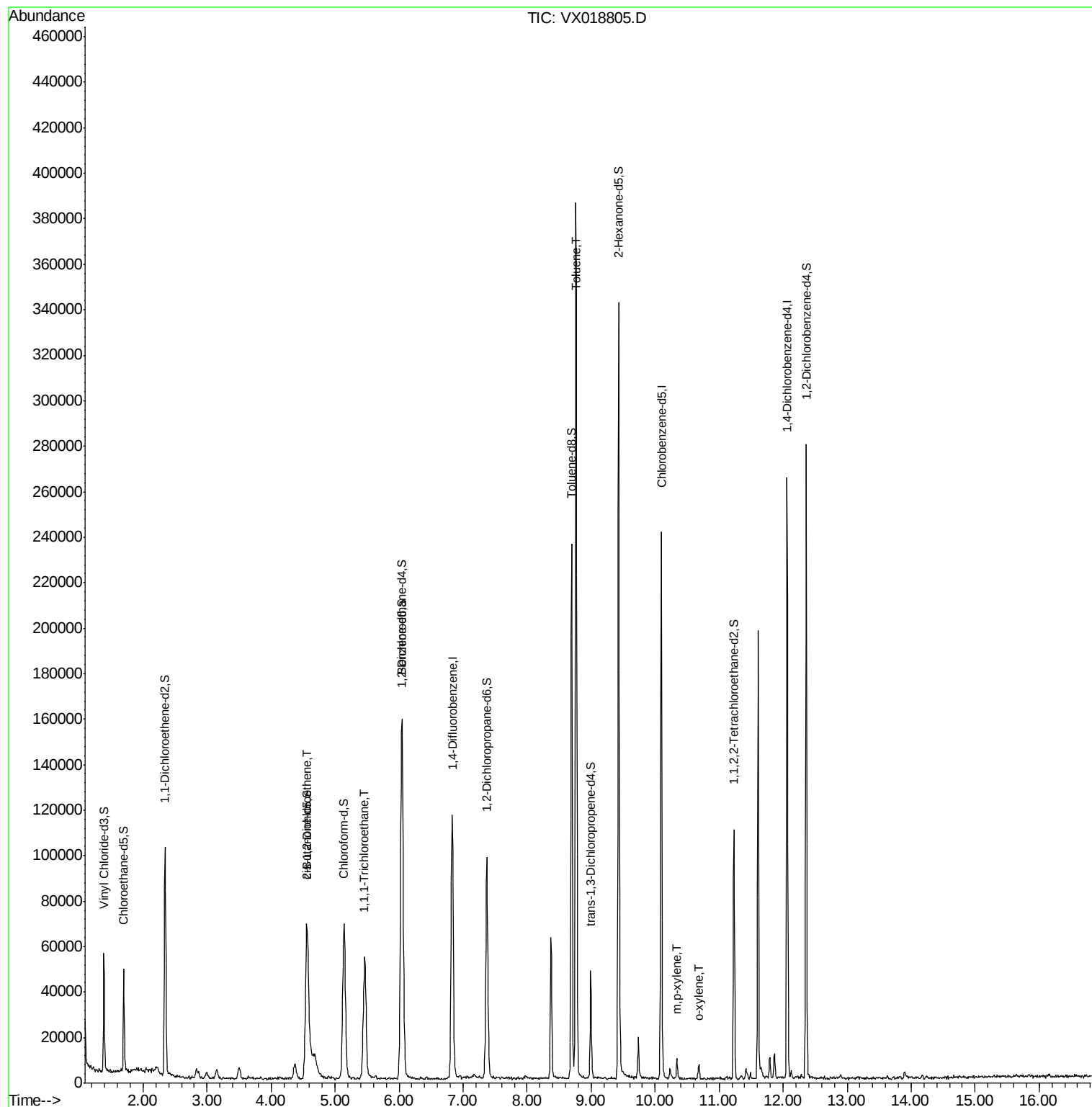
				Ovalue	
22) cis-1,2-Dichloroethene	4.56	96	14839	2.413 ug/L	# 94
29) 1,1,1-Trichloroethane	5.46	97	53738	4.110 ug/L	99
42) Toluene	8.76	91	236581	9.341 ug/L	99
55) m,p-xylene	10.34	106	1802	0.163 ug/L	71
56) o-xylene	10.68	106	1313	0.128 ug/L	96

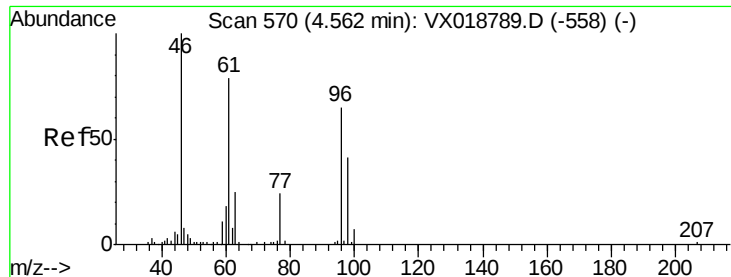
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 2.413 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX018805.D

Acq: 06 Oct 2020 17:39

Instrument :

MSVOA_X

ClientSampled :

BG3N3DL2

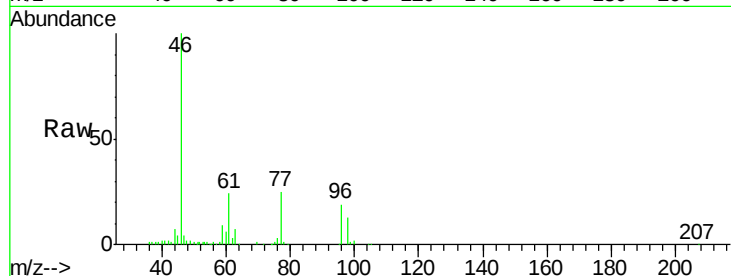
Tot Ion: 96 Resp: 14839

Ion Ratio Lower Upper

96 100

61 129.6 86.2 160.0

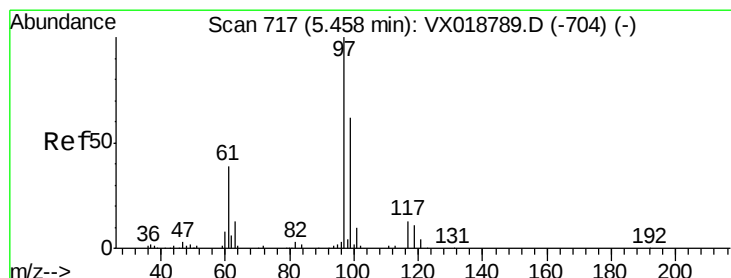
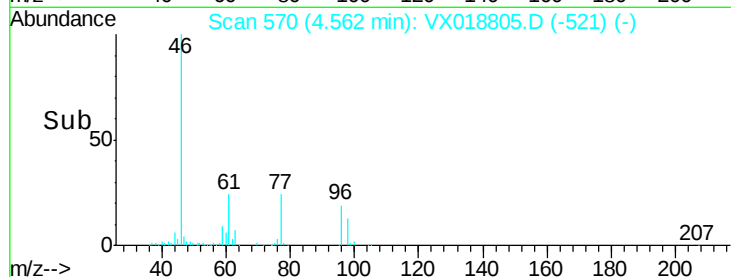
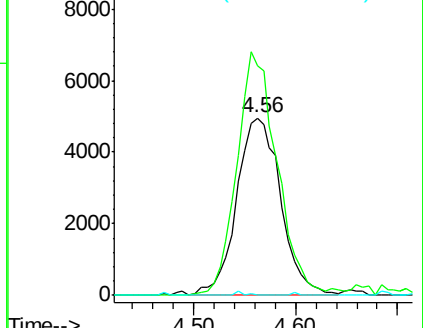
68 0.0 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0



#29

1,1,1-Trichloroethane

Concen: 4.110 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018805.D

Acq: 06 Oct 2020 17:39

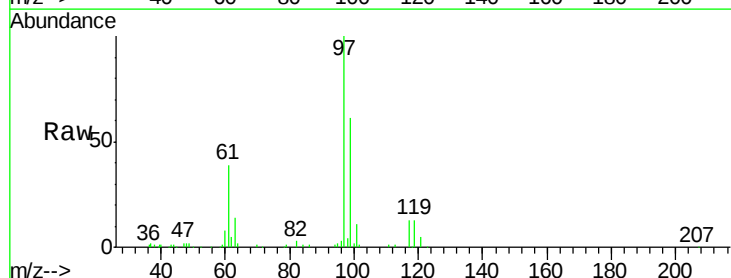
Tgt Ion: 97 Resp: 53738

Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

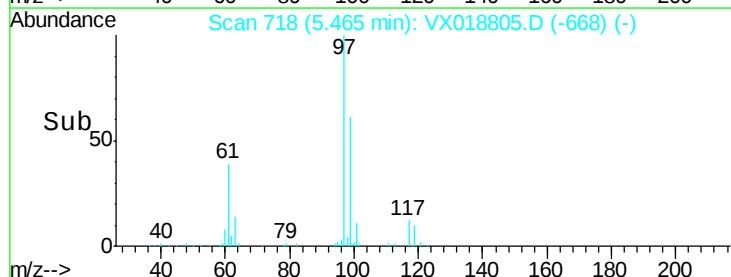
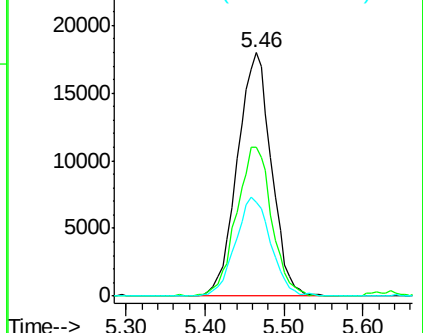
61 42.2 33.3 49.9

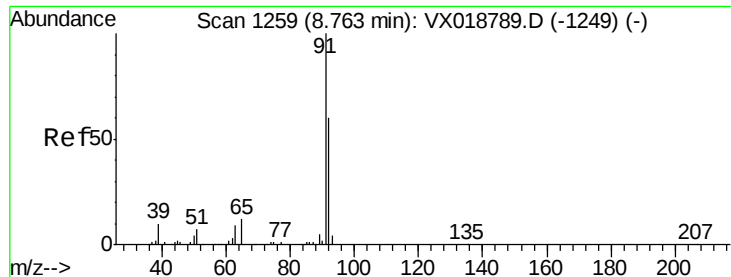


Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 61.05 (60.75 to 61.75): VX0





#42

Toluene

Concen: 9.341 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

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Acq: 06 Oct 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

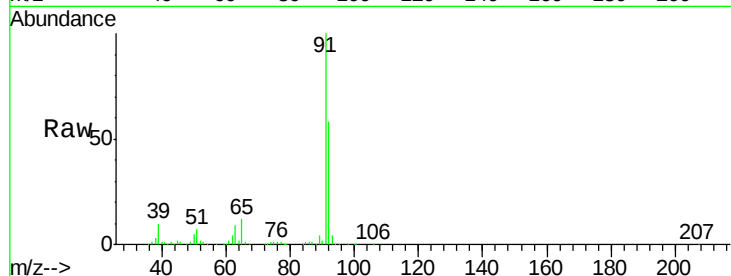
BG3N3DL2

Tot Ion: 91 Resp: 236581

Ion Ratio Lower Upper

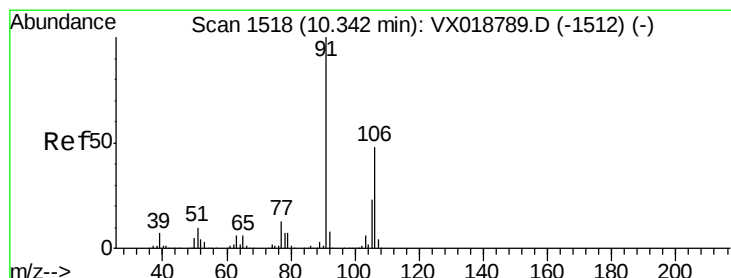
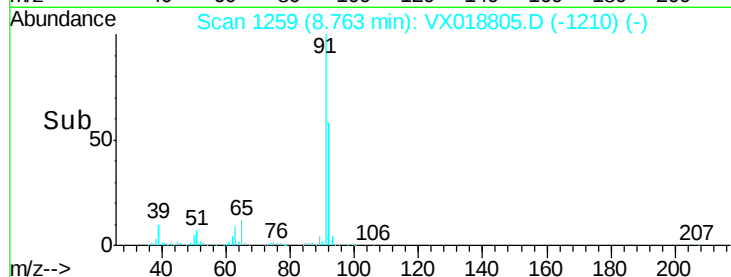
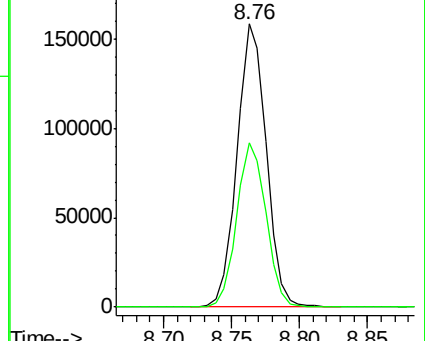
91 100

92 58.2 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#55

m,p-xylene

Concen: 0.163 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018805.D

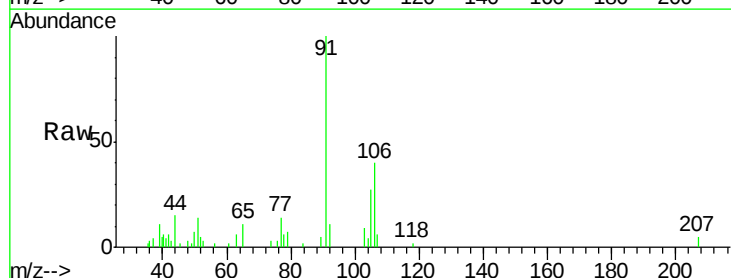
Acq: 06 Oct 2020 17:39

Tgt Ion: 106 Resp: 1802

Ion Ratio Lower Upper

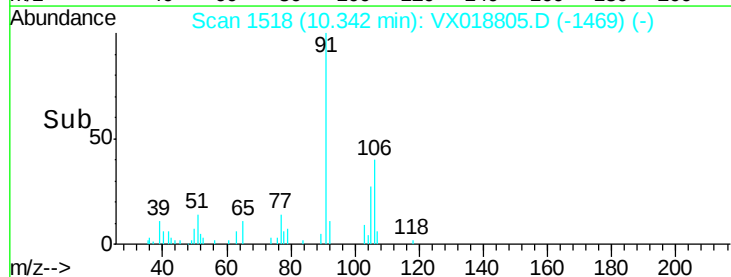
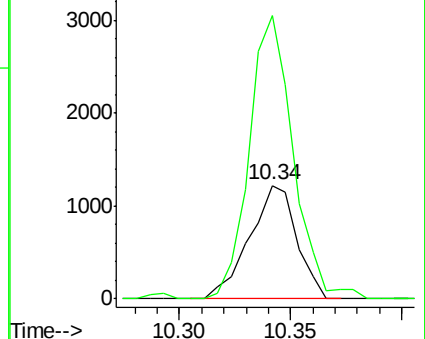
106 100

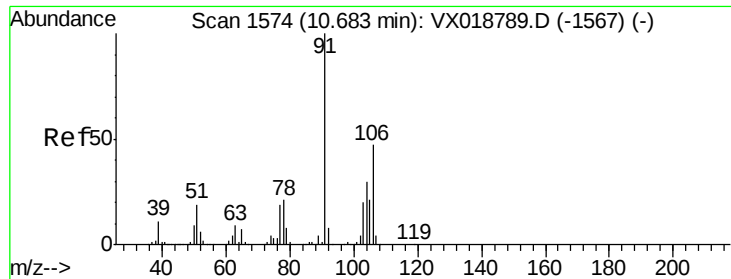
91 249.0 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#56
o-xylene
Concen: 0.128 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018805.D
Acq: 06 Oct 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
BG3N3DL2

Tot Ion:106 Resp: 1313
Ion Ratio Lower Upper
106 100
91 224.8 153.4 284.8

