

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092120\
 Data File : VX018521.D
 Acq On : 22 Sep 2020 11:36
 Operator : JC/SP
 Sample : VX0921WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK403

Quant Time: Sep 23 01:53:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 01:46:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	755143	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	693339	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	318077	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	235103	46.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.72%
7) Chloroethane-d5	1.70	69	175575	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.64%
11) 1,1-Dichloroethene-d2	2.34	63	364381	35.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.44%
21) 2-Butanone-d5	4.53	46	328244	98.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.59%
24) Chloroform-d	5.14	84	478432	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
26) 1,2-Dichloroethane-d4	6.03	65	338206	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	6.05	84	897800	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.86%
36) 1,2-Dichloropropane-d6	7.37	67	291104	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.98%
41) Toluene-d8	8.70	98	832446	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%
43) trans-1,3-Dichloropropene-	8.99	79	156521	48.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.34%
47) 2-Hexanone-d5	9.43	63	227271	97.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.67%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	356049	47.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.00%
66) 1,2-Dichlorobenzene-d4	12.36	152	313154	51.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.14%

Target Compounds

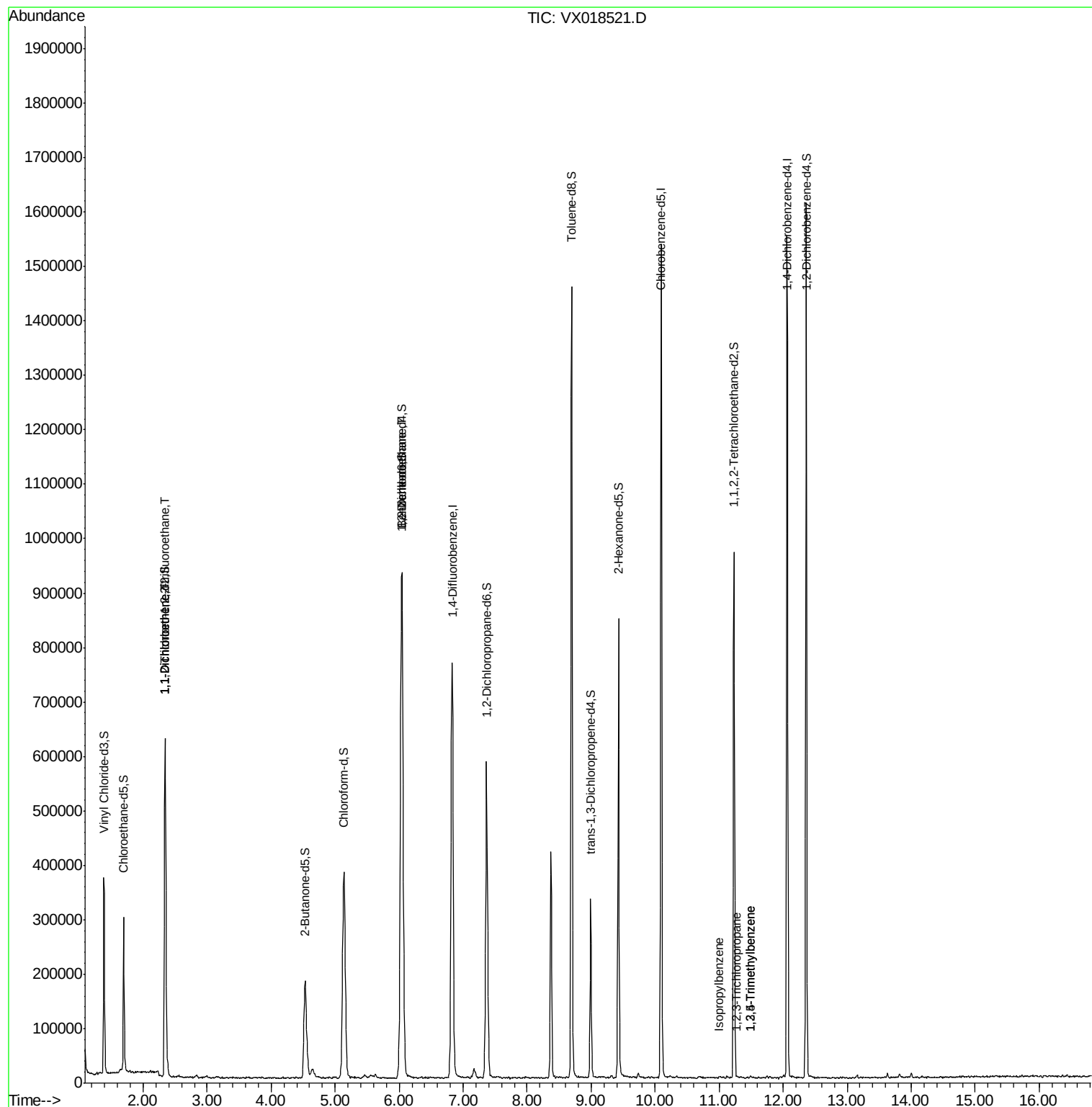
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.35	101	3784	0.746 ug/L #	22
12) 1,1-Dichloroethene	2.35	96	3164	0.665 ug/L #	1
27) 1,2-Dichloroethane	6.04	62	4828	0.580 ug/L	98
60) Isopropylbenzene	11.00	105	1031	0.051 ug/L #	27
61) 1,2,3-Trichloropropane	11.28	75	431	0.075 ug/L #	85
62) 1,3,5-Trimethylbenzene	11.49	105	1652	0.098 ug/L	88
63) 1,2,4-Trimethylbenzene	11.49	105	1652	0.097 ug/L	93

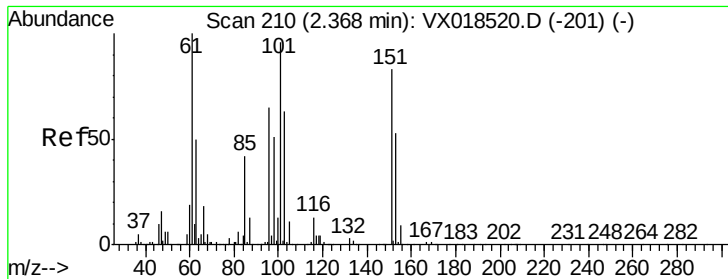
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 01:46:10 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.746 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.02 min

Lab File: VX018521.D

Acq: 22 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VBLK403

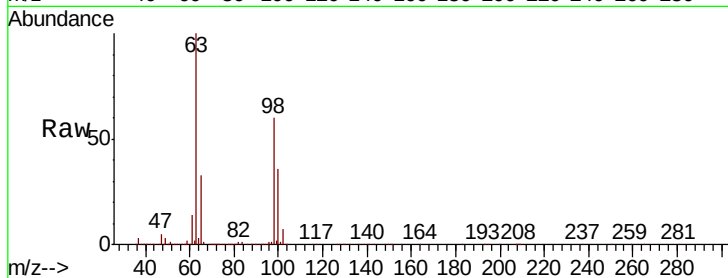
Tot Ion:101 Resp: 3784

Ion Ratio Lower Upper

101 100

85 3.4 34.9 52.3#

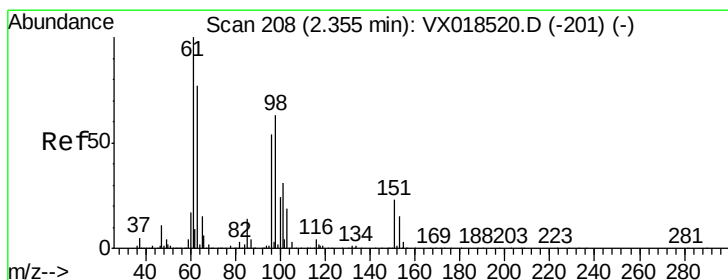
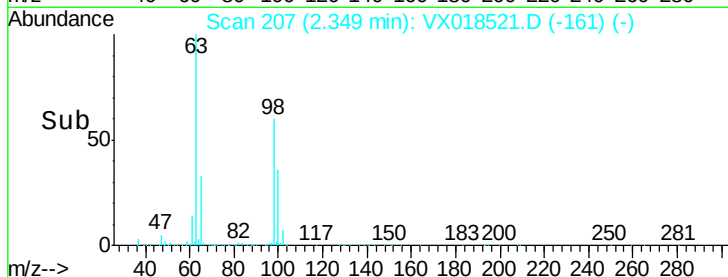
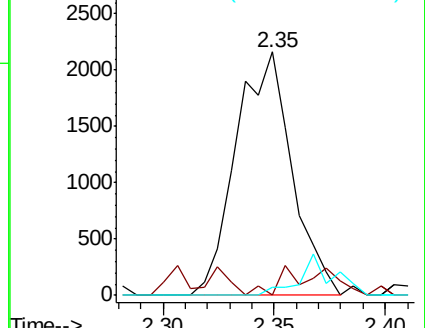
151 3.9 65.0 97.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.665 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX018521.D

Acq: 22 Sep 2020 11:36

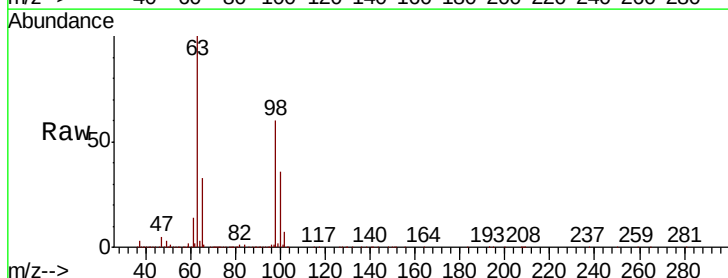
Tgt Ion: 96 Resp: 3164

Ion Ratio Lower Upper

96 100

61 1339.2 126.8 235.6#

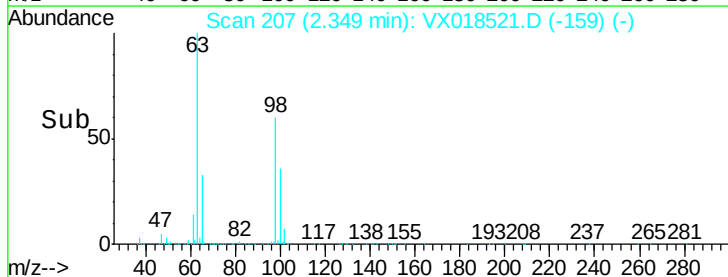
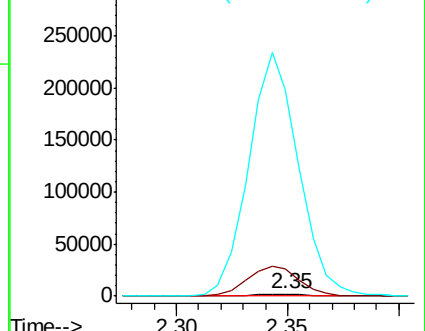
63 9917.9 100.3 186.3#

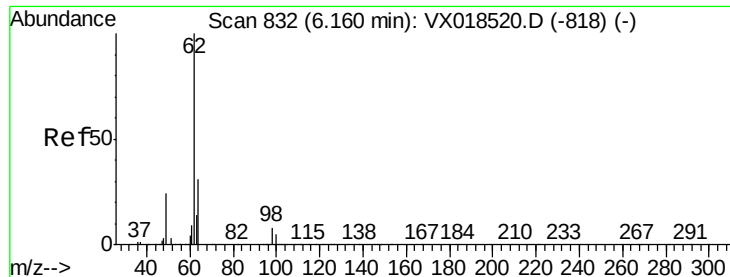


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#27

1,2-Dichloroethane

Concen: 0.580 ug/L

RT: 6.04 min Scan# 813

Delta R.T. -0.12 min

Lab File: VX018521.D

Acq: 22 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

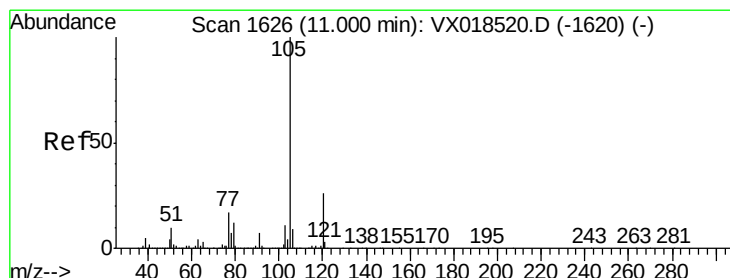
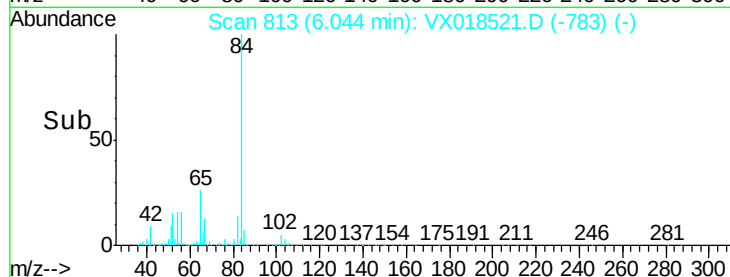
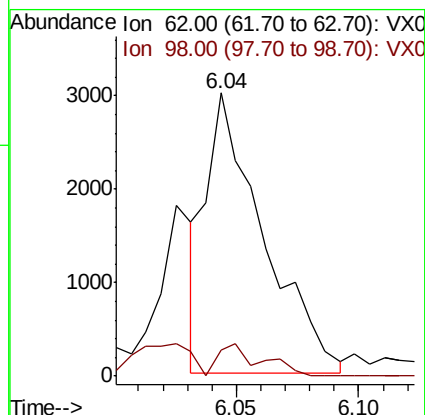
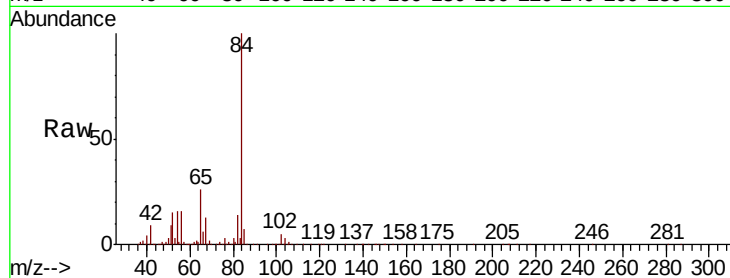
VBLK403

Tot Ion: 62 Resp: 4828

Ion Ratio Lower Upper

62 100

98 9.1 6.7 10.1



#60

Isopropylbenzene

Concen: 0.051 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018521.D

Acq: 22 Sep 2020 11:36

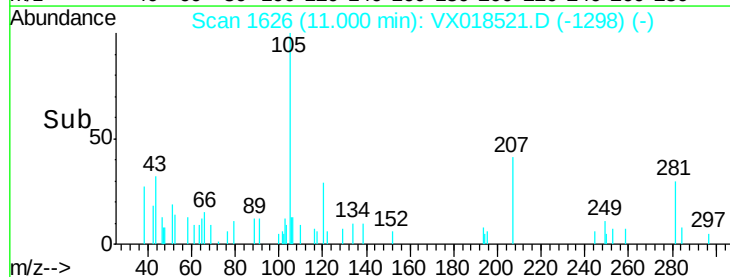
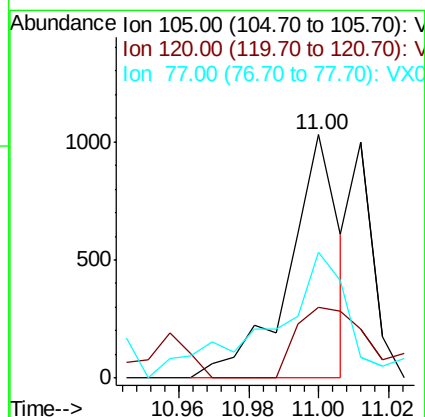
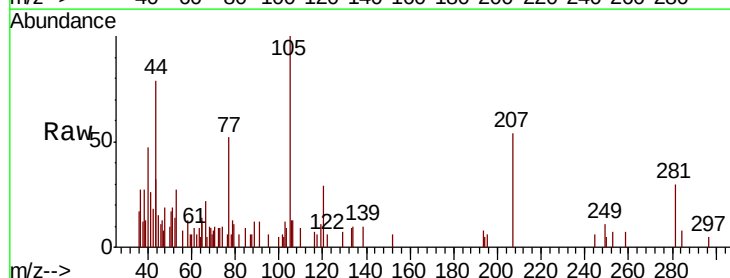
Tgt Ion: 105 Resp: 1031

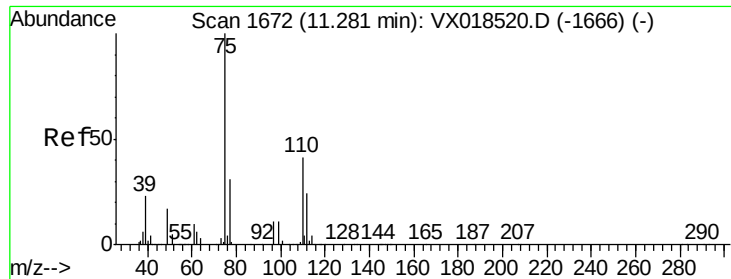
Ion Ratio Lower Upper

105 100

120 42.9 21.8 32.8#

77 78.4 12.7 19.1#





#61

1,2,3-Trichloropropane

Concen: 0.075 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018521.D

Acq: 22 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VBLK403

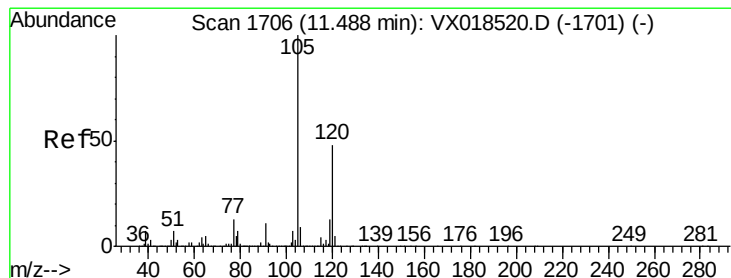
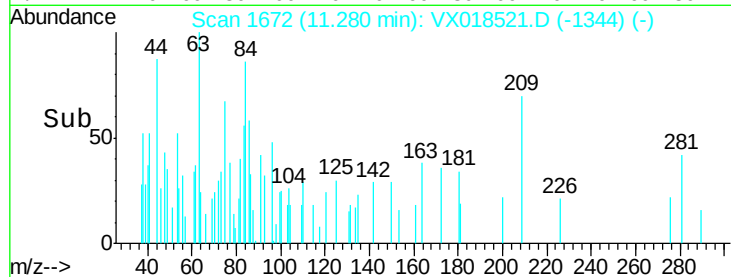
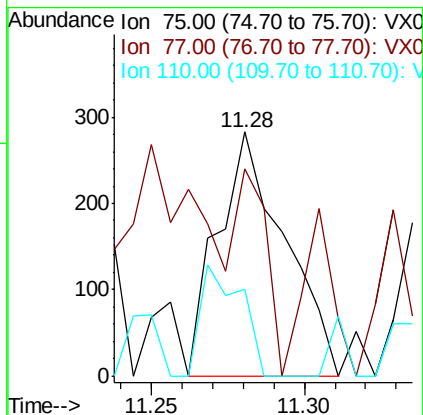
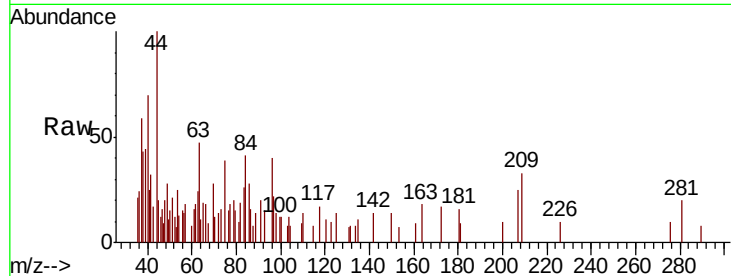
Tot Ion: 75 Resp: 431

Ion Ratio Lower Upper

75 100

77 36.9 26.0 39.0

110 27.4 32.4 48.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.098 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018521.D

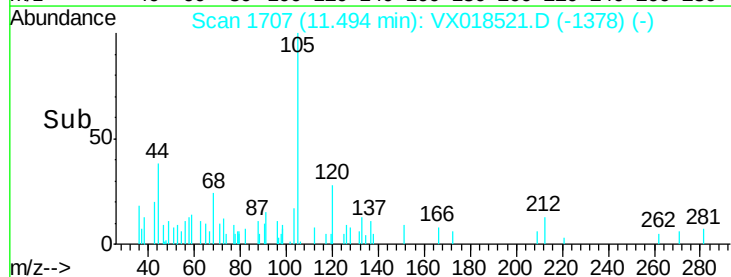
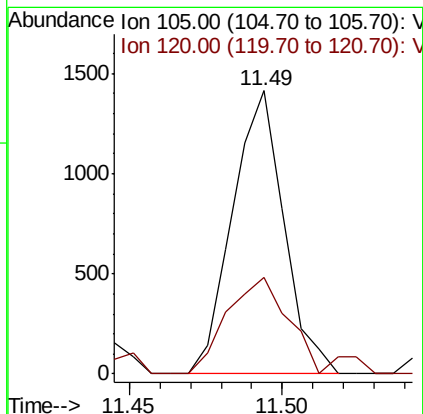
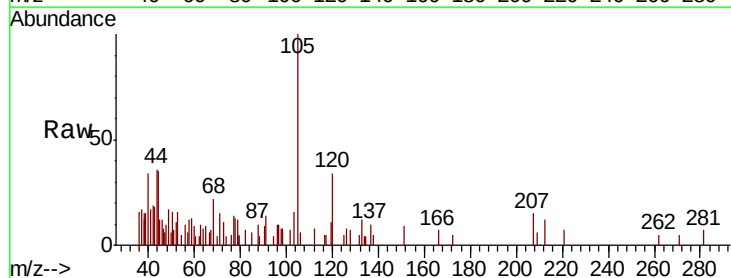
Acq: 22 Sep 2020 11:36

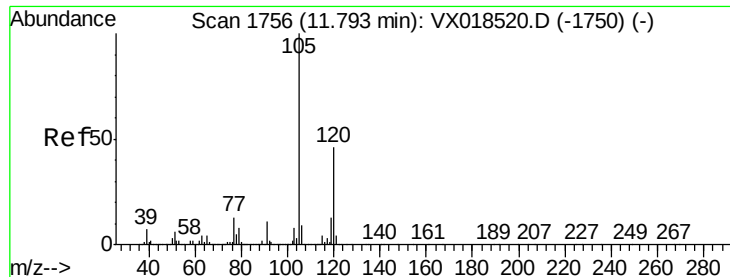
Tgt Ion:105 Resp: 1652

Ion Ratio Lower Upper

105 100

120 40.2 38.6 58.0





#63
 1,2,4-Trimethylbenzene
 Concen: 0.097 ug/L
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.30 min
 Lab File: VX018521.D
 Acq: 22 Sep 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK403

Tot Ion:105 Resp: 1652
 Ion Ratio Lower Upper
 105 100
 120 40.2 35.8 53.8

