

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092120\
 Data File : VX018514.D
 Acq On : 21 Sep 2020 16:01
 Operator : JC/SP
 Sample : VX0921WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK401

Quant Time: Sep 22 01:54:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 01:45:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	741498	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	710291	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	325780	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	215628	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.54%
7) Chloroethane-d5	1.70	69	164305	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.28%
11) 1,1-Dichloroethene-d2	2.34	63	334763	33.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.84%
21) 2-Butanone-d5	4.54	46	274145	83.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.85%
24) Chloroform-d	5.14	84	414759	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
26) 1,2-Dichloroethane-d4	6.03	65	305800	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.16%
32) Benzene-d6	6.05	84	828726	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
36) 1,2-Dichloropropane-d6	7.37	67	263758	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.98%
41) Toluene-d8	8.70	98	778781	43.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.46%
43) trans-1,3-Dichloropropene-	8.99	79	143569	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.16%
47) 2-Hexanone-d5	9.43	63	198669	83.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.34%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	321508	41.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.74%
66) 1,2-Dichlorobenzene-d4	12.36	152	306349	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

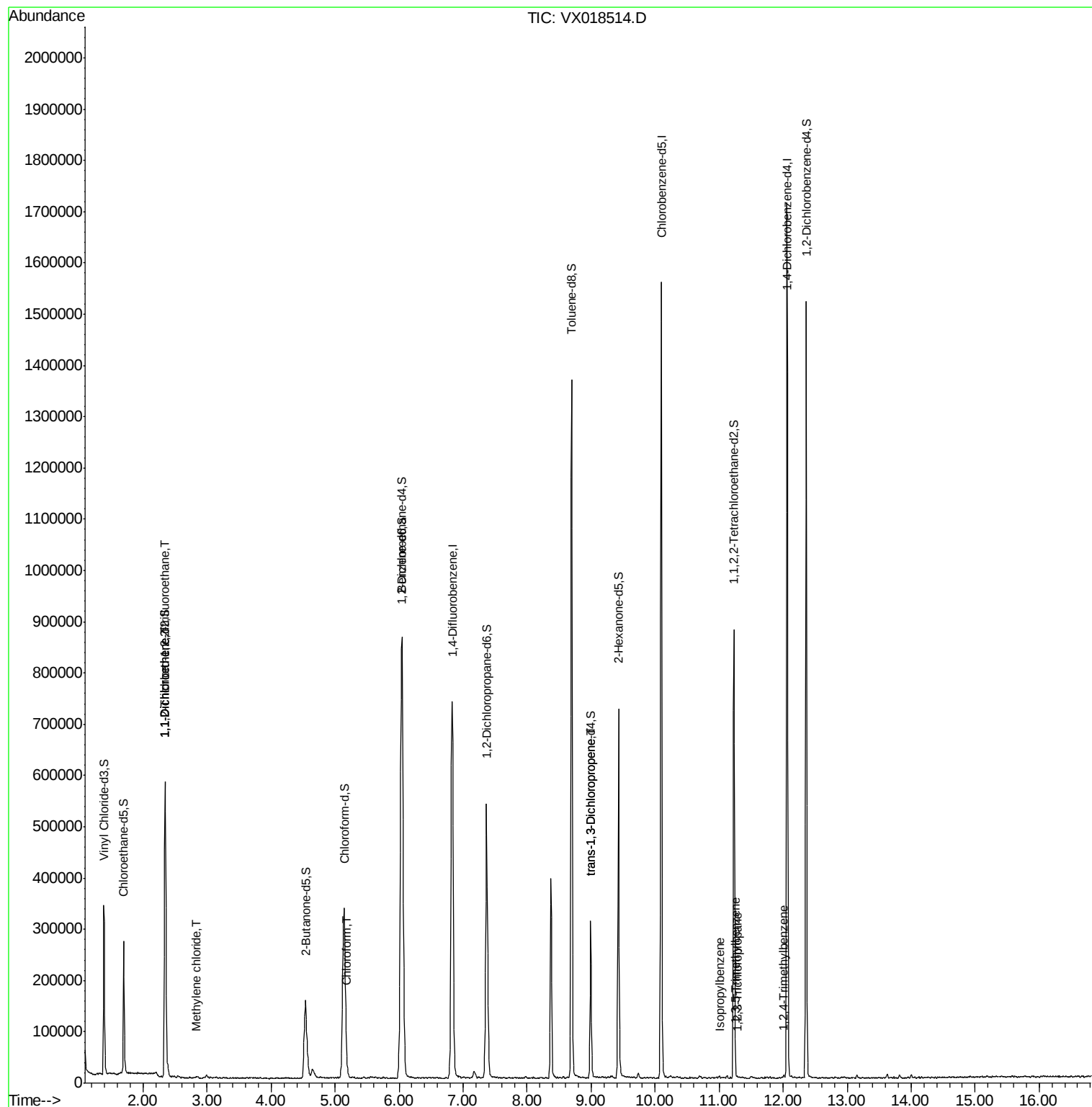
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	4379	0.880 ug/L #	26
12) 1,1-Dichloroethene	2.35	96	3181	0.681 ug/L #	1
16) Methylene chloride	2.84	84	1837	0.359 ug/L	81
25) Chloroform	5.18	83	24195	2.368 ug/L	88
44) trans-1,3-Dichloropropene	8.99	75	7548	0.874 ug/L	90
60) Isopropylbenzene	11.01	105	1684	0.081 ug/L #	89
61) 1,2,3-Trichloropropane	11.28	75	634	0.108 ug/L #	84
62) 1,3,5-Trimethylbenzene	11.26	105	119	0.007 ug/L	88
63) 1,2,4-Trimethylbenzene	12.00	105	169	0.010 ug/L	100

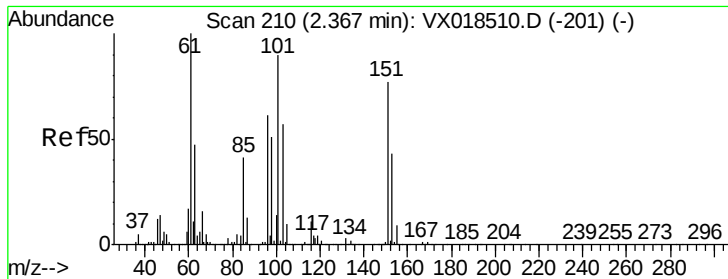
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092120\
Data File : VX018514.D
Acq On : 21 Sep 2020 16:01
Operator : JC/SP
Sample : VX0921WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VBLK401

Quant Time: Sep 22 01:54:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 22 01:45:38 2020
Response via : Initial Calibration





#10

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

Concen: 0.880 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX018514.D

Acq: 21 Sep 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VBLK401

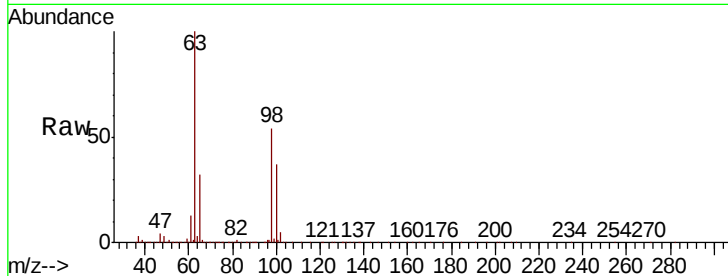
Tot Ion:101 Resp: 4379

Ion Ratio Lower Upper

101 100

85 4.6 34.9 52.3#

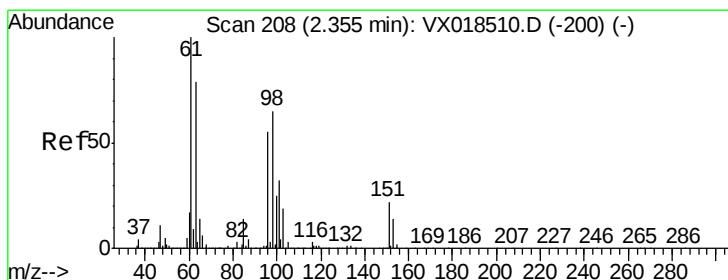
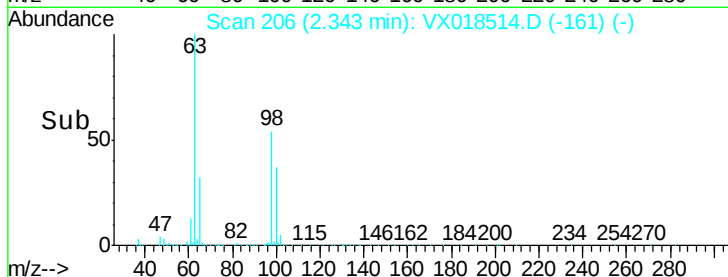
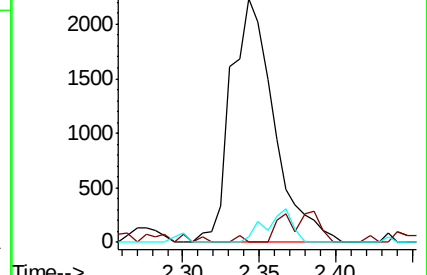
151 8.6 65.0 97.4#



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: 0.681 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX018514.D

Acq: 21 Sep 2020 16:01

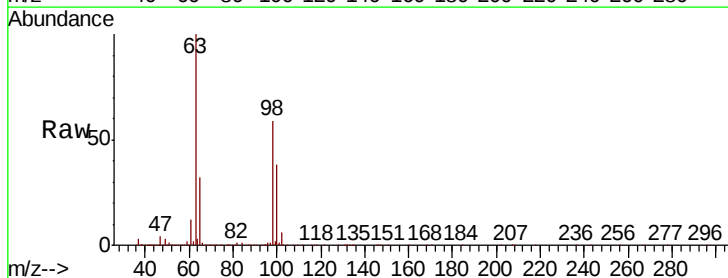
Tgt Ion: 96 Resp: 3181

Ion Ratio Lower Upper

96 100

61 1059.5 126.8 235.6#

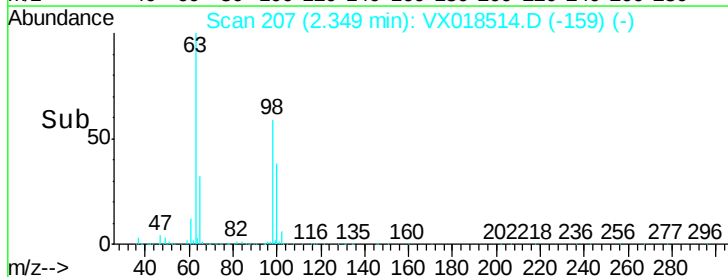
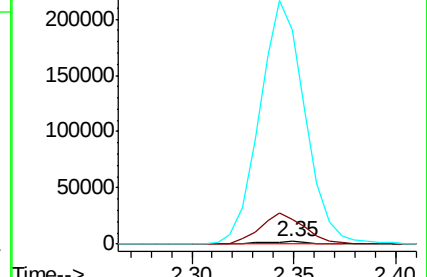
63 8955.2 100.3 186.3#

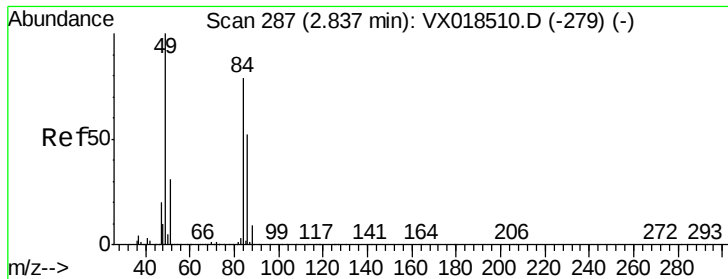


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0

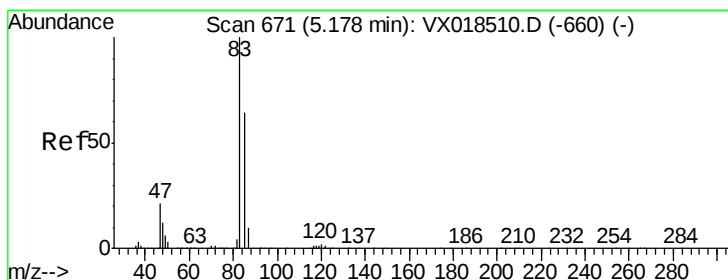
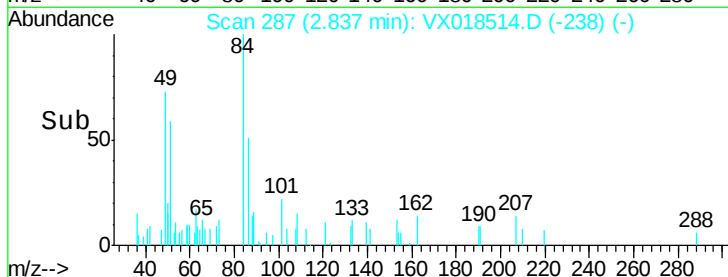
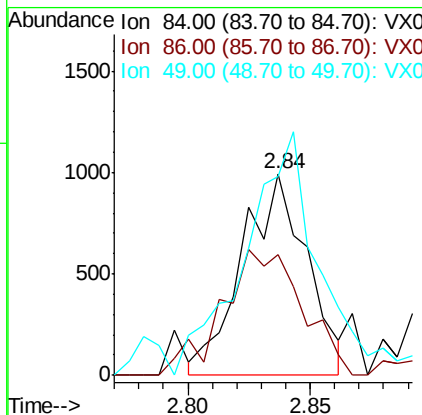
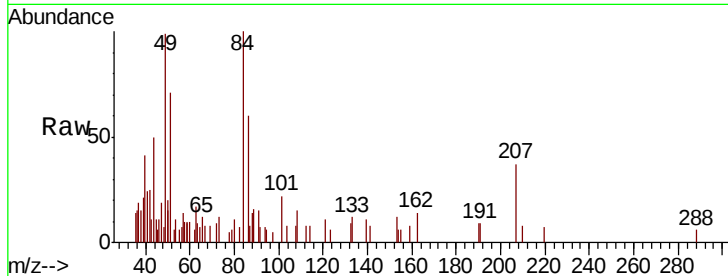




#16
Methvlene chloride
Concen: 0.359 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018514.D
Acq: 21 Sep 2020 16:01

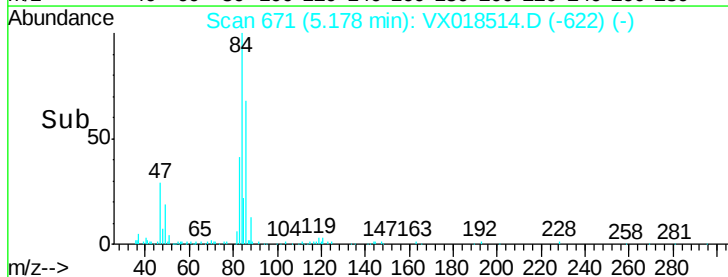
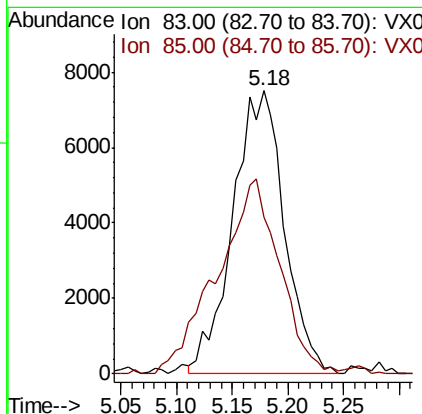
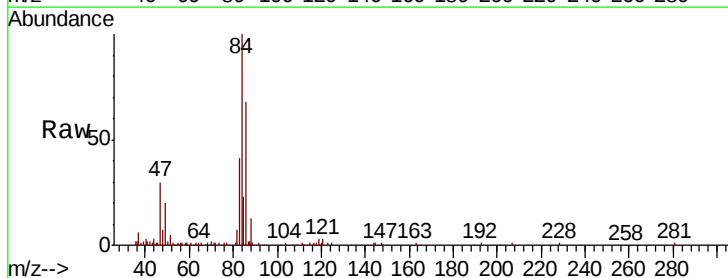
Instrument :
MSVOA_X
ClientSampleId :
VBLK401

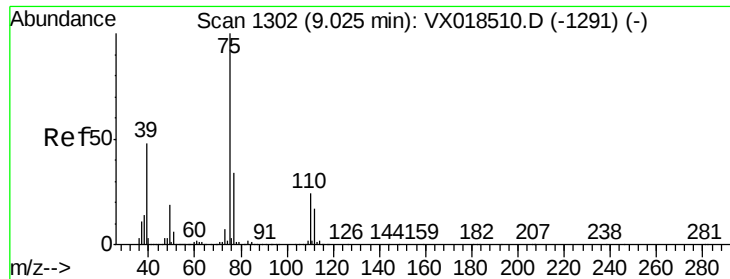
Tot Ion: 84 Resp: 1837
Ion Ratio Lower Upper
84 100
86 59.6 46.1 85.7
49 98.6 88.5 164.3



#25
Chloroform
Concen: 2.368 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018514.D
Acq: 21 Sep 2020 16:01

Tgt Ion: 83 Resp: 24195
Ion Ratio Lower Upper
83 100
85 55.4 45.6 84.8





#44

trans-1,3-Dichloropropene

Concen: 0.874 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.03 min

Lab File: VX018514.D

Acq: 21 Sep 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

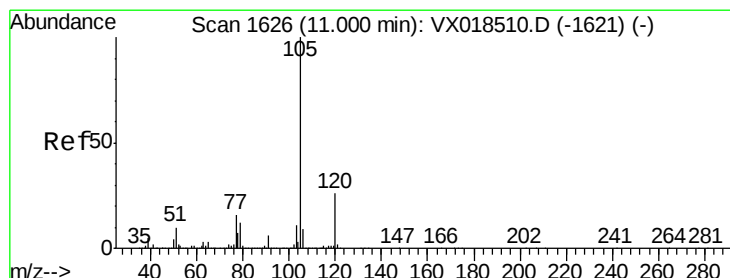
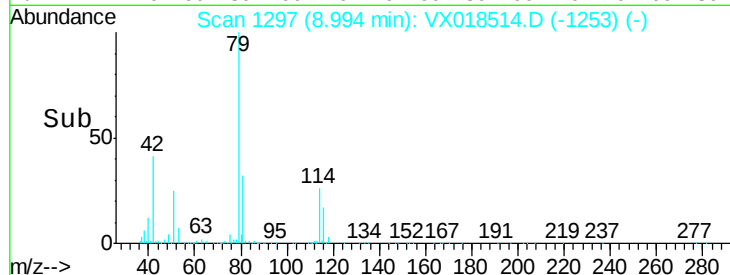
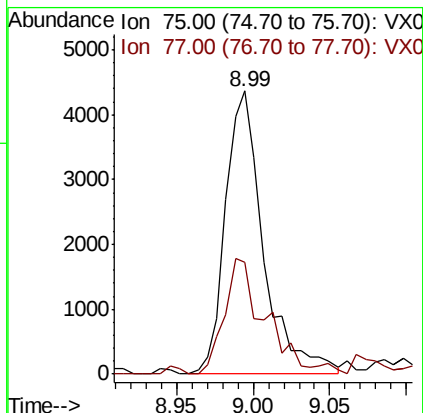
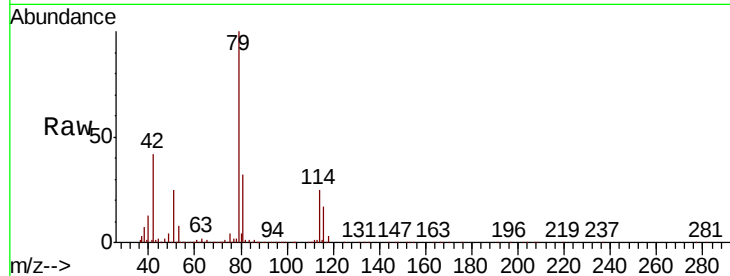
VBLK401

Tot Ion: 75 Resp: 7548

Ion Ratio Lower Upper

75 100

77 39.4 23.6 43.8



#60

Isopropylbenzene

Concen: 0.081 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018514.D

Acq: 21 Sep 2020 16:01

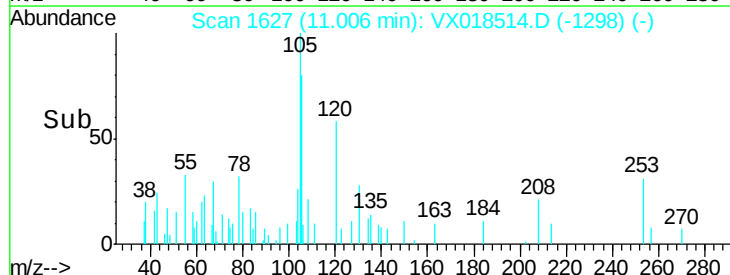
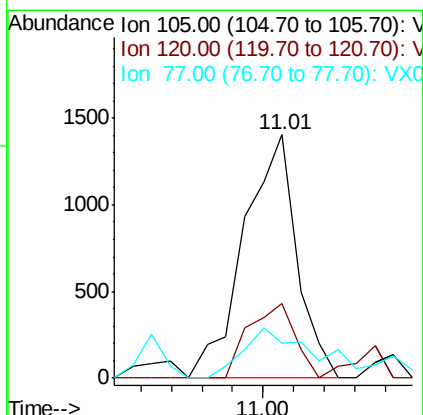
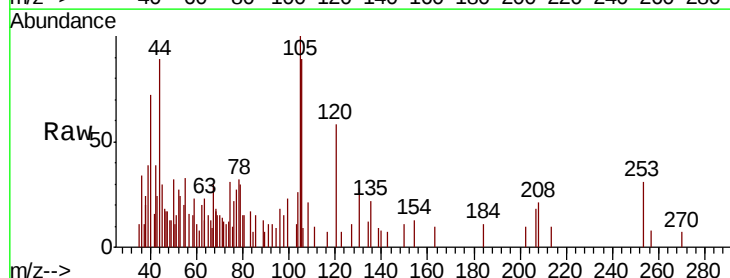
Tgt Ion: 105 Resp: 1684

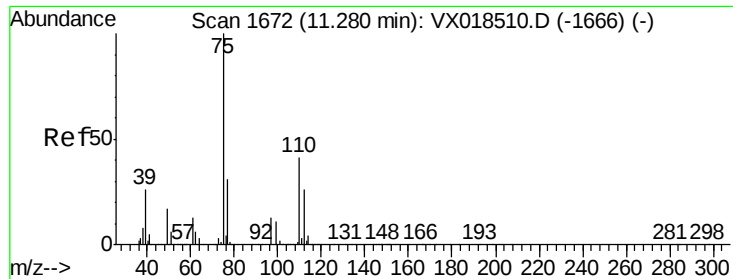
Ion Ratio Lower Upper

105 100

120 26.8 21.8 32.8

77 27.5 12.7 19.1#

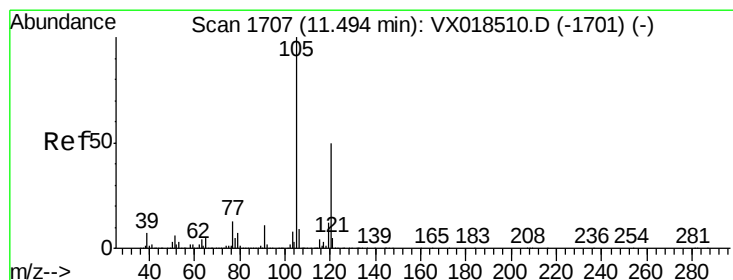
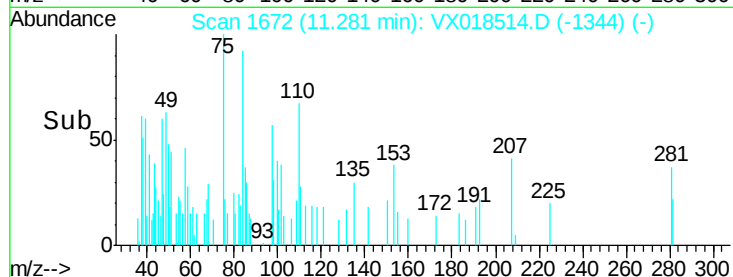
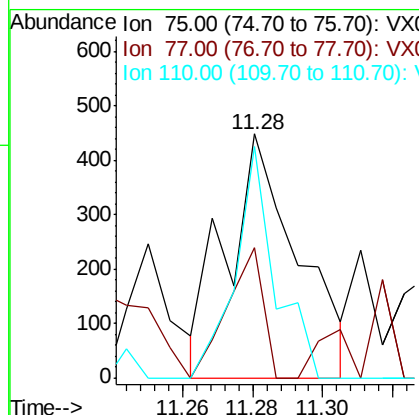
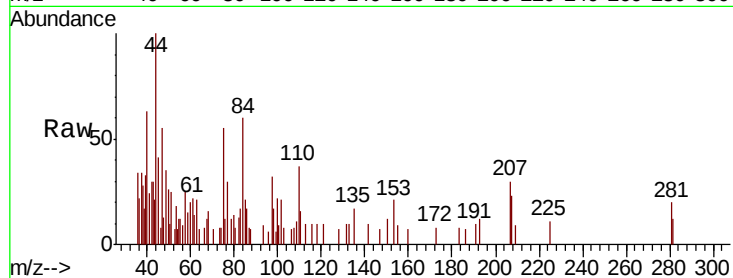




#61
 1,2,3-Trichloropropane
 Concen: 0.108 ug/L
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018514.D
 Acq: 21 Sep 2020 16:01

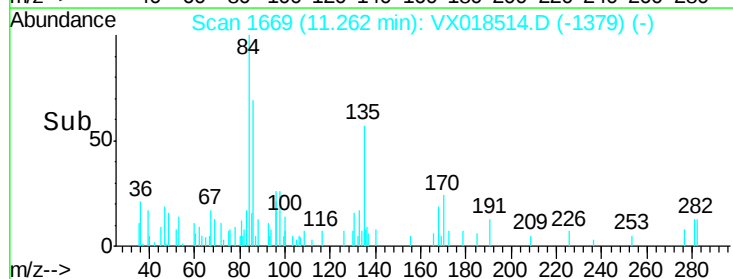
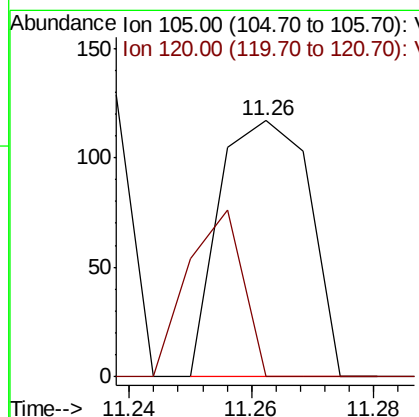
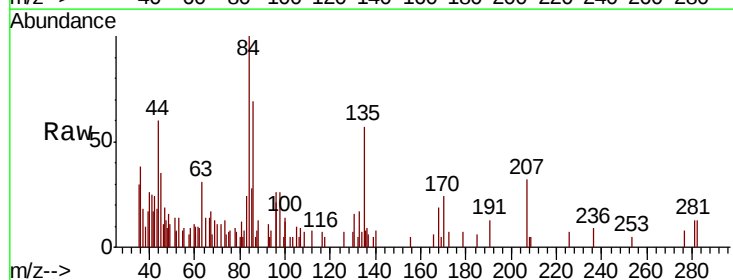
Instrument :
 MSVOA_X
 ClientSampled :
 VBLK401

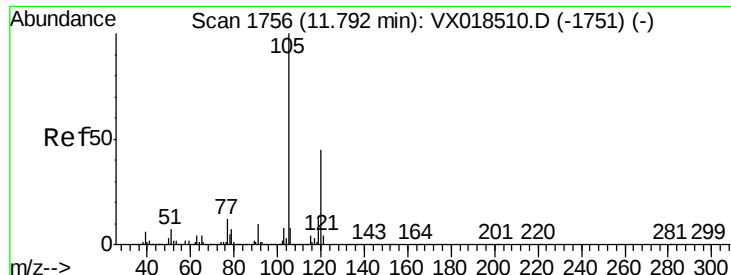
Tot Ion: 75 Resp: 634
 Ion Ratio Lower Upper
 75 100
 77 27.0 26.0 39.0
 110 53.2 32.4 48.6#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.007 ug/L
 RT: 11.26 min Scan# 1669
 Delta R.T. -0.23 min
 Lab File: VX018514.D
 Acq: 21 Sep 2020 16:01

Tgt Ion:105 Resp: 119
 Ion Ratio Lower Upper
 105 100
 120 40.3 38.6 58.0





#63

1,2,4-Trimethylbenzene

Concen: 0.010 ug/L

RT: 12.00 min Scan# 1790

Delta R.T. 0.21 min

Lab File: VX018514.D

Acq: 21 Sep 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VBLK401

Tot Ion:105 Resp: 169

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

