

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
 Data File : VX019221.D
 Acq On : 03 Nov 2020 09:53
 Operator : JC/MD
 Sample : VX1103WBL03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 01:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 01:20:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	509648	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	469720	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	202981	50.00	ug/L	0.00

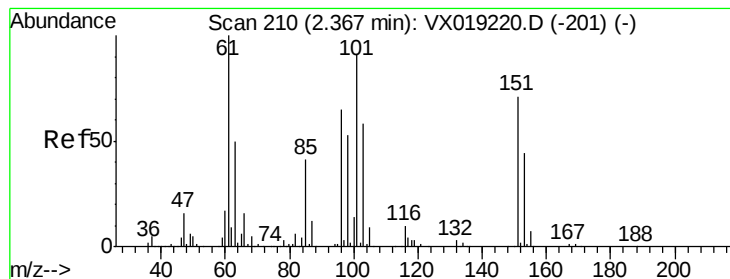
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	233792	53.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.56%
7) Chloroethane-d5	1.70	69	182611	56.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.10%
11) 1,1-Dichloroethene-d2	2.34	63	309207	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.42%
21) 2-Butanone-d5	4.53	46	269366	120.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.34%
24) Chloroform-d	5.14	84	392486	54.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.84%
26) 1,2-Dichloroethane-d4	6.03	65	263387	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
32) Benzene-d6	6.04	84	818885	56.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.32%
36) 1,2-Dichloropropane-d6	7.37	67	246495	57.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.52%
41) Toluene-d8	8.70	98	758621	51.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.50%
43) trans-1,3-Dichloropropene-	8.99	79	129583	56.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.50%
47) 2-Hexanone-d5	9.42	63	218619	122.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.93%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	289103	56.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.84%
66) 1,2-Dichlorobenzene-d4	12.36	152	242808	59.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.16%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	2735	0.864 ug/L #	19
12) 1,1-Dichloroethene	2.34	96	2669	0.869 ug/L #	1
37) 1,2-Dichloropropane	7.37	63	28542	8.521 ug/L #	86
39) cis-1,3-Dichloropropene	8.37	75	8812	1.583 ug/L #	79
42) Toluene	8.76	91	11511	0.785 ug/L	100
44) trans-1,3-Dichloropropene	8.99	75	6074	1.120 ug/L	88
60) Isopropylbenzene	11.00	105	605	0.044 ug/L	97
61) 1,2,3-Trichloropropane	11.28	75	114	0.033 ug/L #	25
62) 1,3,5-Trimethylbenzene	11.49	105	640	0.056 ug/L	97
63) 1,2,4-Trimethylbenzene	11.79	105	1989	0.186 ug/L	95

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



#10

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

Concen: 0.864 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019221.D

Acq: 03 Nov 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

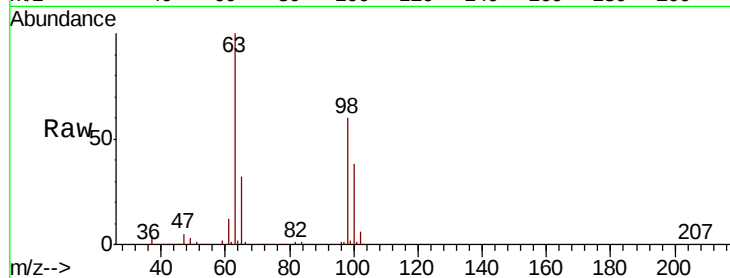
Tot Ion:101 Resp: 2735

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

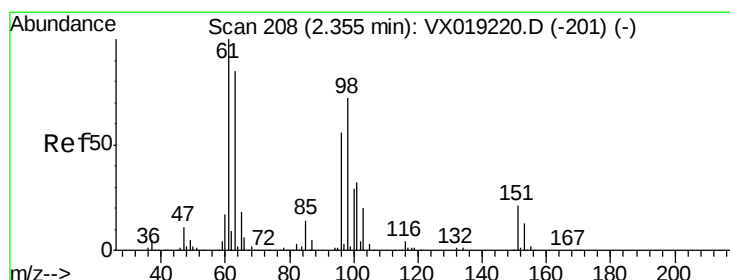
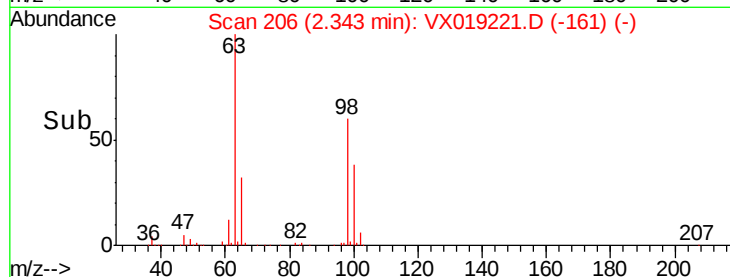
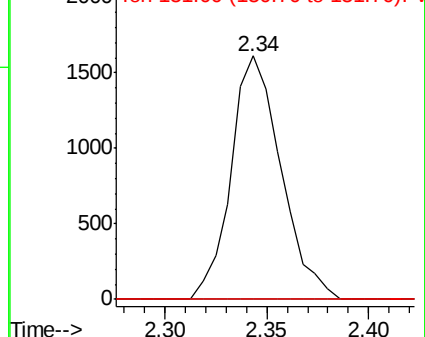
151 0.0 59.9 89.9#



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: 0.869 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX019221.D

Acq: 03 Nov 2020 09:53

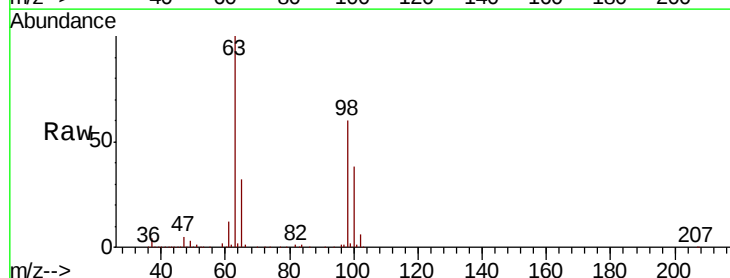
Tgt Ion: 96 Resp: 2669

Ion Ratio Lower Upper

96 100

61 1523.6 115.1 213.8#

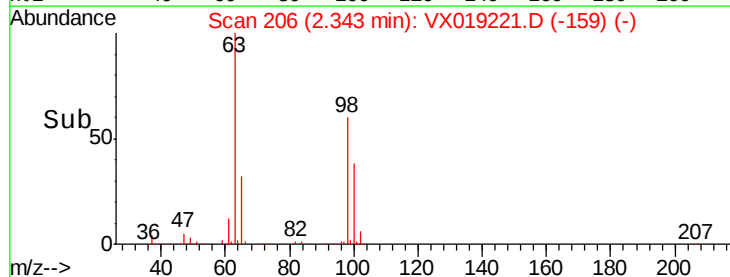
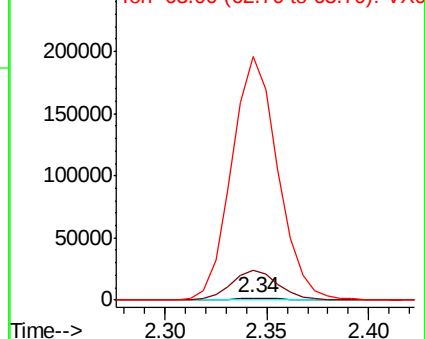
63 12305.5 78.3 145.5#

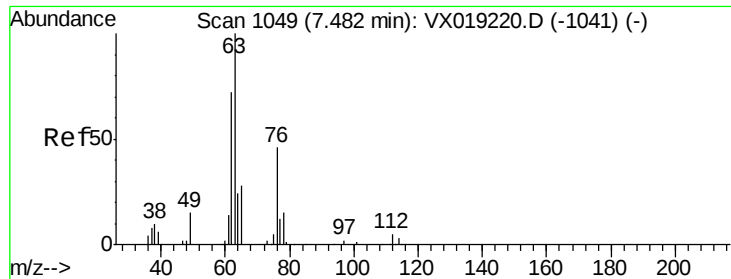


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0

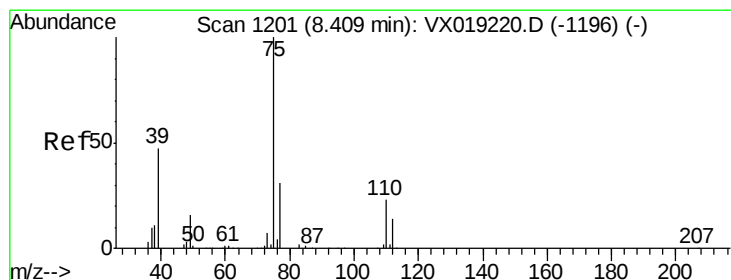
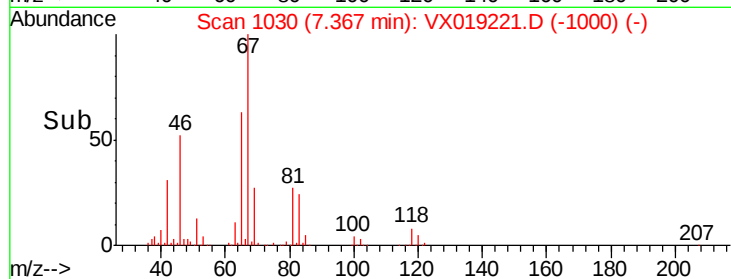
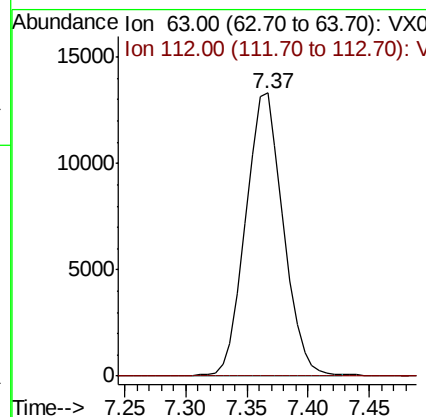
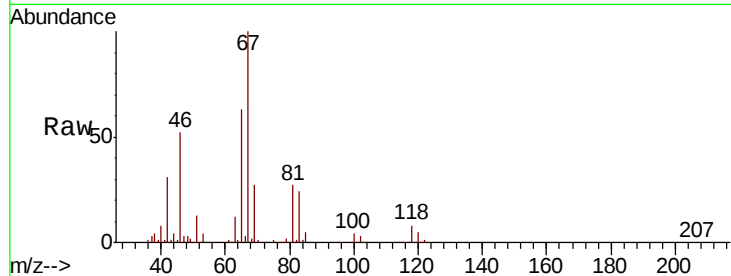




#37
 1,2-Dichloropropane
 Concen: 8.521 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VX019221.D
 Acq: 03 Nov 2020 09:53

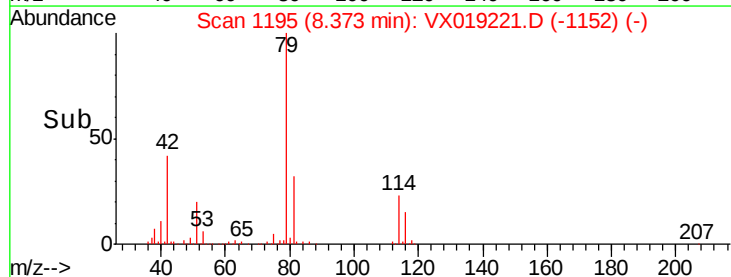
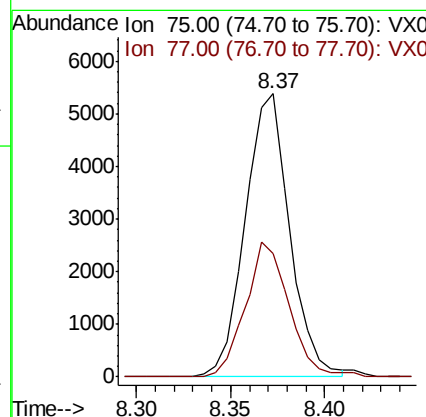
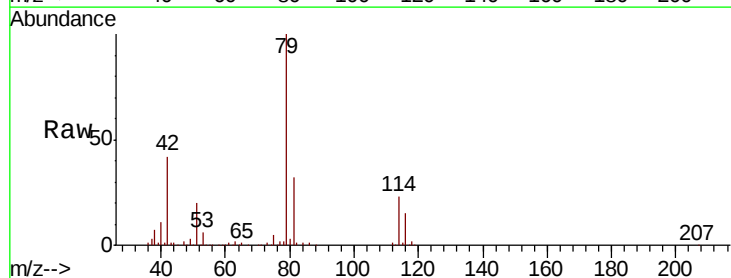
Instrument :
 MSVOA_X
 ClientSampled :

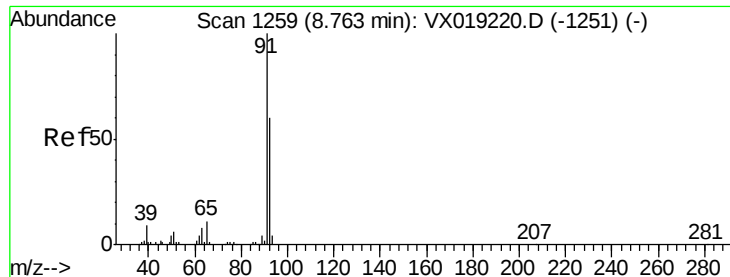
Tot Ion: 63 Resp: 28542
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.583 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX019221.D
 Acq: 03 Nov 2020 09:53

Tgt Ion: 75 Resp: 8812
 Ion Ratio Lower Upper
 75 100
 77 43.8 22.5 41.7#





#42

Toluene

Concen: 0.785 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019221.D

Acq: 03 Nov 2020 09:53

Instrument :

MSVOA_X

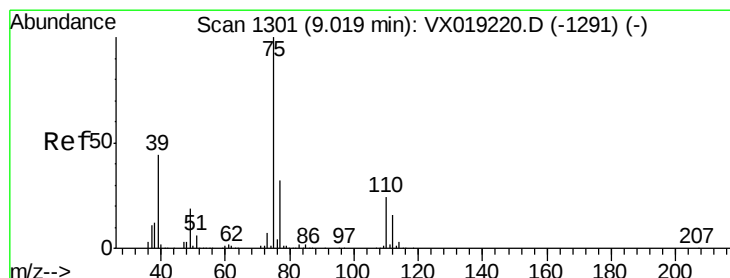
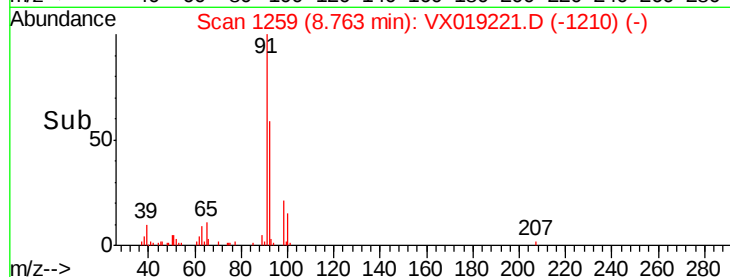
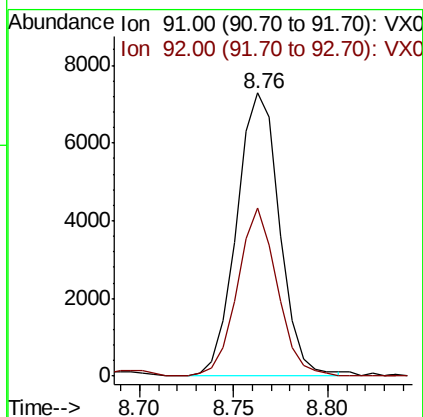
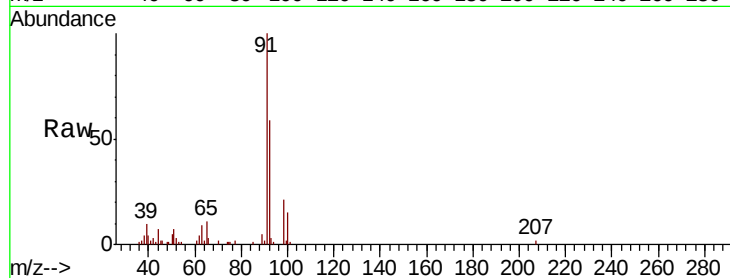
ClientSampleId :

Tot Ion: 91 Resp: 11511

Ion Ratio Lower Upper

91 100

92 59.3 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 1.120 ug/L

RT: 8.99 min Scan# 1296

Delta R.T. -0.03 min

Lab File: VX019221.D

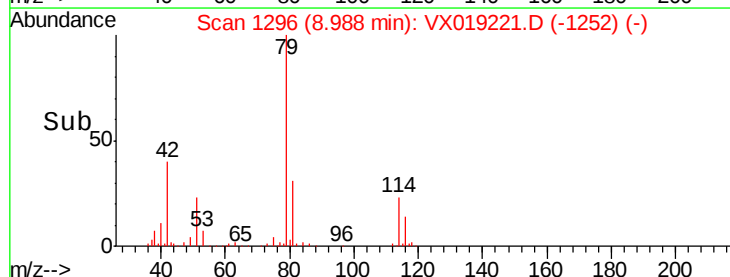
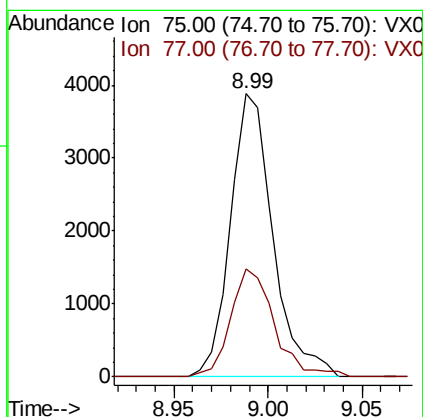
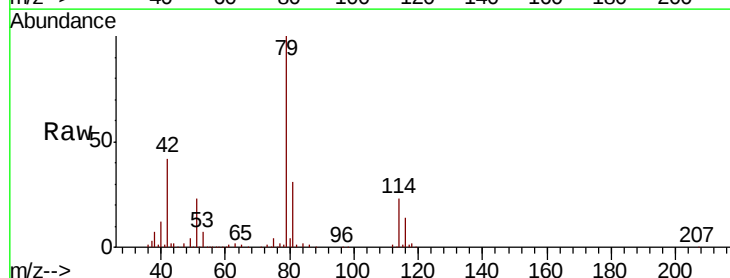
Acq: 03 Nov 2020 09:53

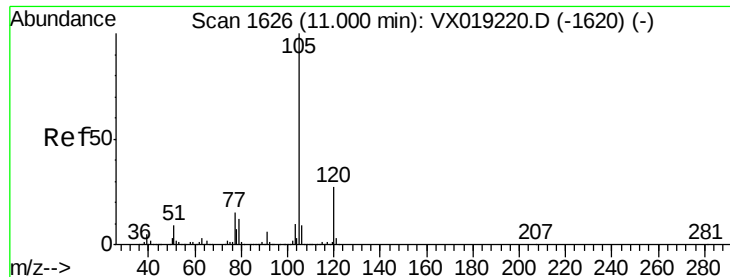
Tgt Ion: 75 Resp: 6074

Ion Ratio Lower Upper

75 100

77 38.0 21.8 40.6





#60

Isopropylbenzene

Concen: 0.044 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019221.D

Acq: 03 Nov 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

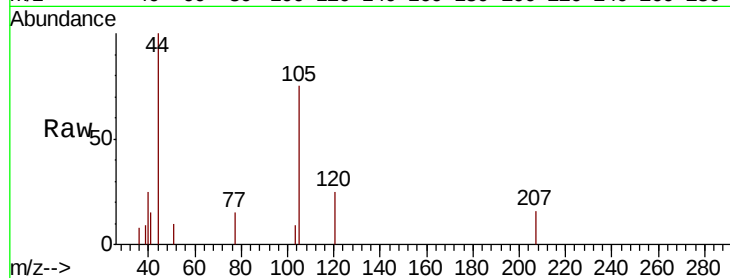
Tot Ion: 105 Resp: 605

Ion Ratio Lower Upper

105 100

120 28.1 21.1 31.7

77 14.5 12.6 19.0



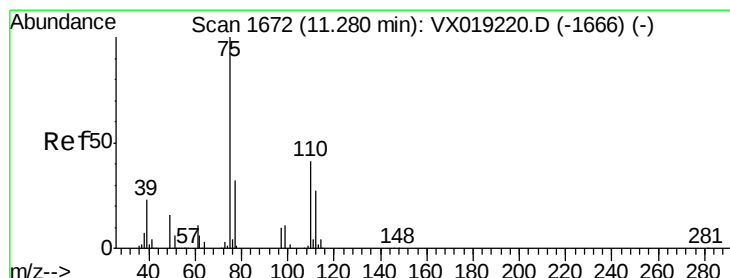
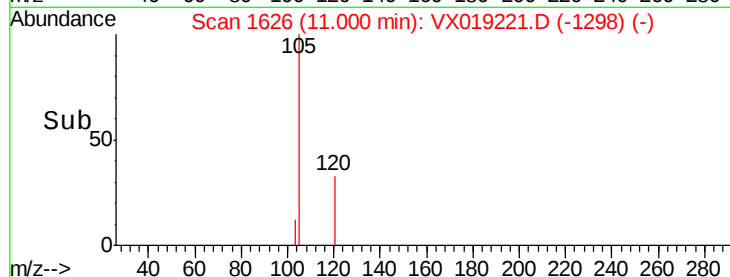
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

11.00

Time-->



#61

1,2,3-Trichloropropane

Concen: 0.033 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019221.D

Acq: 03 Nov 2020 09:53

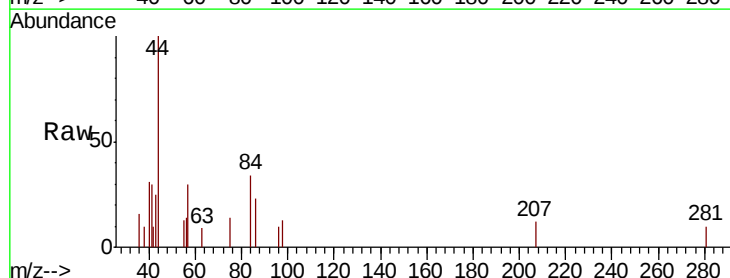
Tgt Ion: 75 Resp: 114

Ion Ratio Lower Upper

75 100

77 80.7 25.4 38.0#

110 0.0 32.2 48.2#



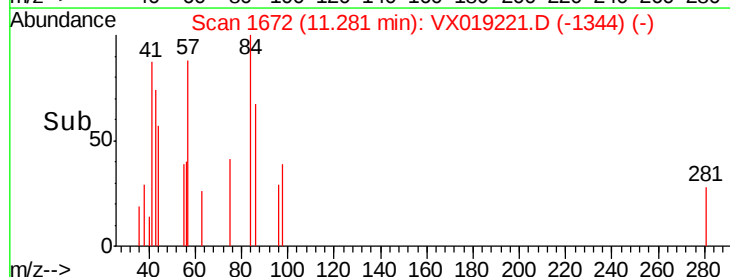
Abundance Ion 75.00 (74.70 to 75.70): V

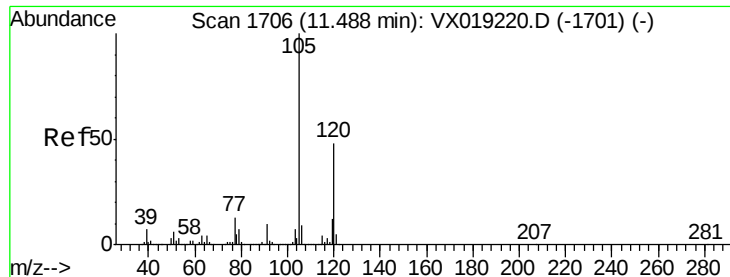
Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V

11.28

Time-->



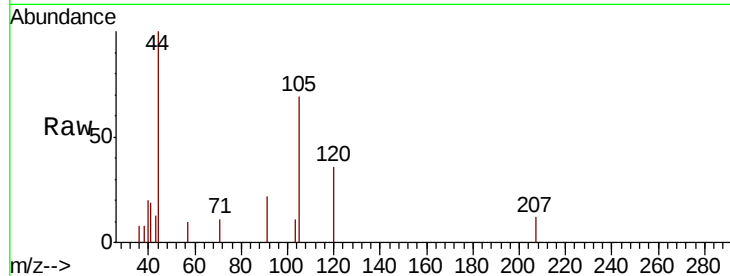


#62

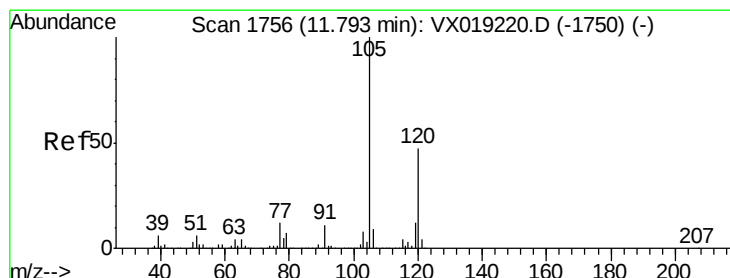
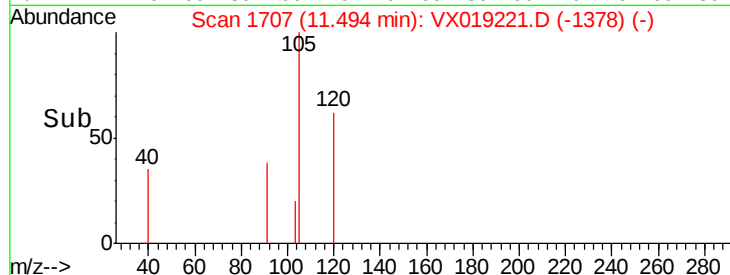
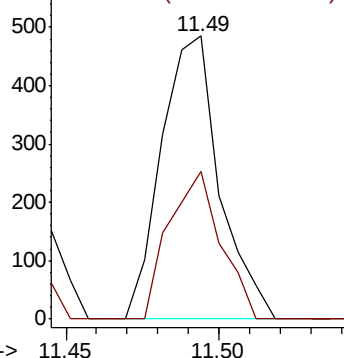
1,3,5-Trimethylbenzene
Concen: 0.056 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX019221.D
Acq: 03 Nov 2020 09:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:105 Resp: 640
Ion Ratio Lower Upper
105 100
120 46.3 38.8 58.2



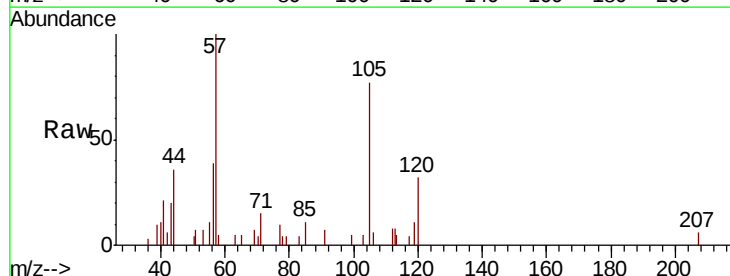
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene
Concen: 0.186 ug/L
RT: 11.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VX019221.D
Acq: 03 Nov 2020 09:53

Tgt Ion:105 Resp: 1989
Ion Ratio Lower Upper
105 100
120 41.5 36.0 54.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

