

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
 Data File : VX019223.D
 Acq On : 03 Nov 2020 10:38
 Operator : JC/MD
 Sample : VX1103WBL05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 01:22:10 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	6.83	114	438585	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	407139	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	183218	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	171178	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.68%
7) Chloroethane-d5	1.70	69	136856	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.62%
11) 1,1-Dichloroethene-d2	2.34	63	231332	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.26%
21) 2-Butanone-d5	4.53	46	215344	111.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.79%
24) Chloroform-d	5.14	84	293056	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
26) 1,2-Dichloroethane-d4	6.03	65	200862	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
32) Benzene-d6	6.05	84	611159	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	7.37	67	184697	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.00%
41) Toluene-d8	8.70	98	563832	43.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.88%
43) trans-1,3-Dichloropropene-	8.99	79	94813	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.80%
47) 2-Hexanone-d5	9.43	63	170575	110.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.66%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	226118	51.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.72%
66) 1,2-Dichlorobenzene-d4	12.36	152	188244	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%

Target Compounds

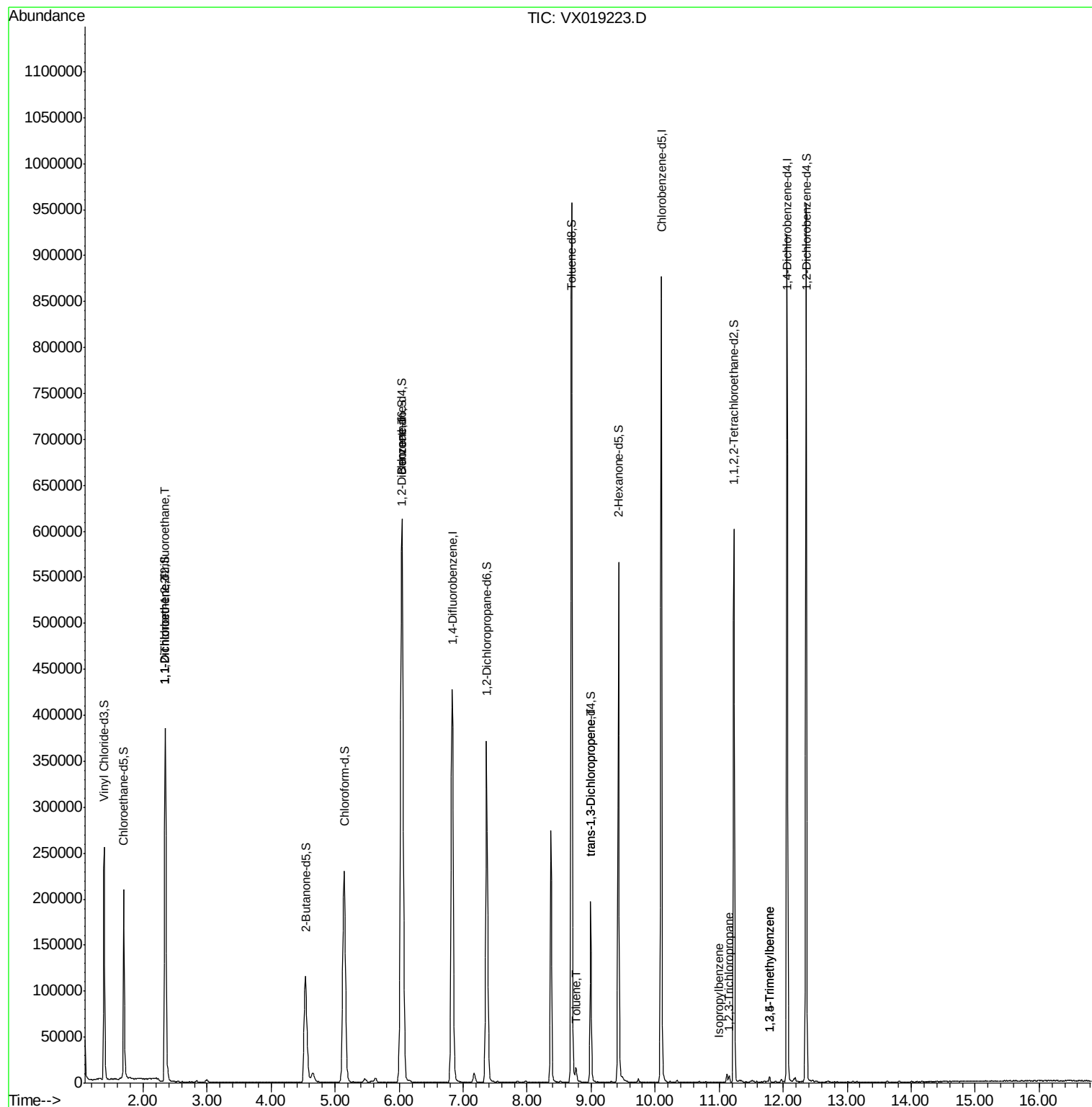
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	2128	0.781	ug/L #	19
12) 1,1-Dichloroethene	2.35	96	1906	0.721	ug/L #	1
33) Benzene	6.05	78	4883	0.418	ug/L	100
42) Toluene	8.76	91	8588	0.675	ug/L	93
44) trans-1,3-Dichloropropene	8.99	75	4571	0.973	ug/L	92
60) Isopropylbenzene	11.01	105	223	0.018	ug/L #	54
61) 1,2,3-Trichloropropane	11.15	75	24	0.008	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.79	105	1204	0.118	ug/L	93
63) 1,2,4-Trimethylbenzene	11.79	105	1204	0.124	ug/L	87

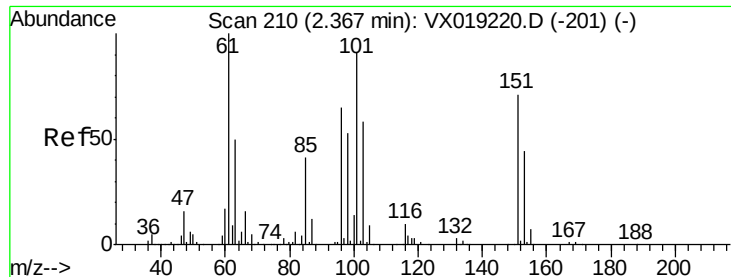
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 04 01:20:42 2020
Response via : Initial Calibration





#10

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

Concen: 0.781 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019223.D

Acq: 03 Nov 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

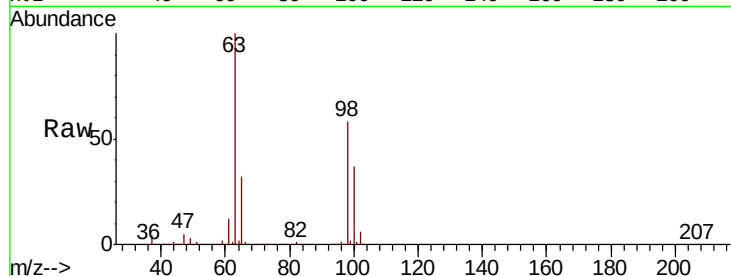
Tot Ion:101 Resp: 2128

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

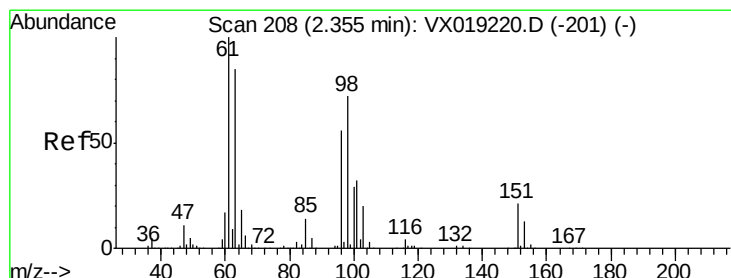
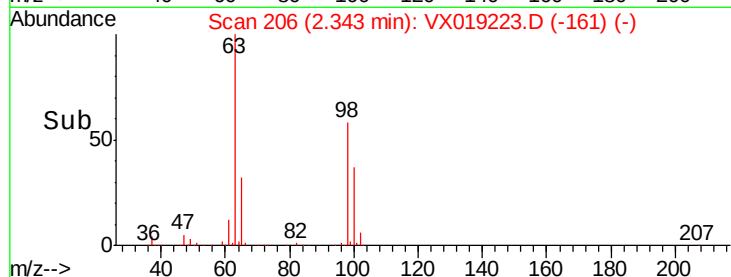
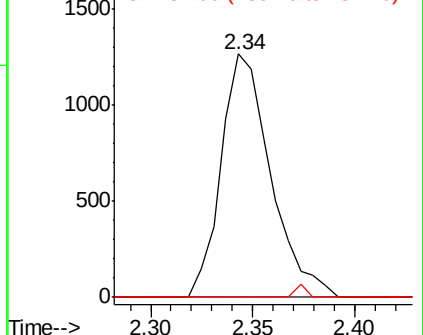
151 0.0 59.9 89.9#



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: 0.721 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019223.D

Acq: 03 Nov 2020 10:38

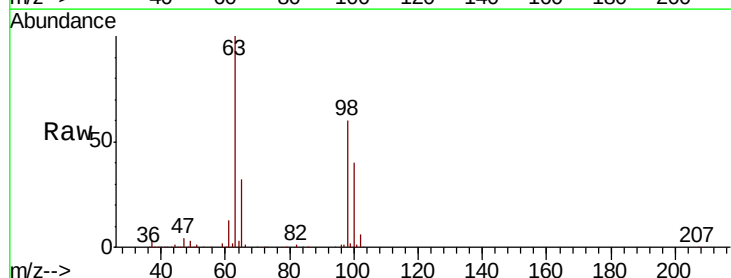
Tgt Ion: 96 Resp: 1906

Ion Ratio Lower Upper

96 100

61 1614.0 115.1 213.8#

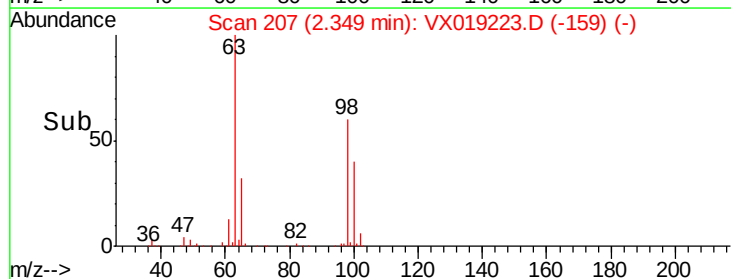
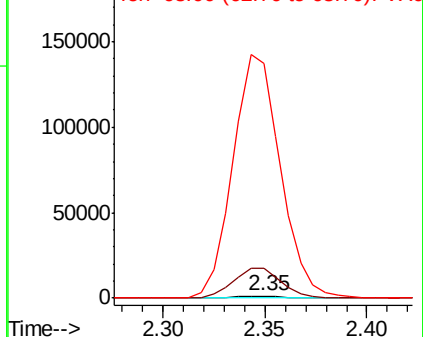
63 12717.2 78.3 145.5#

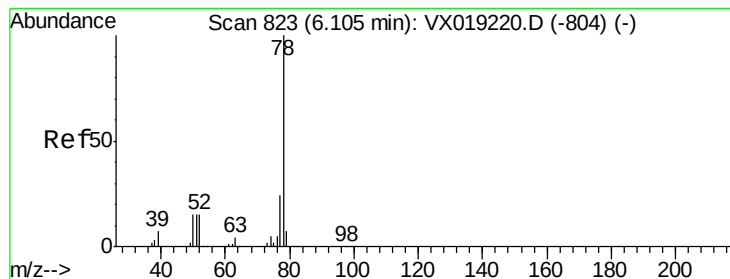


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#33

Benzene

Concen: 0.418 ug/L

RT: 6.05 min Scan# 814

Delta R.T. -0.05 min

Lab File: VX019223.D

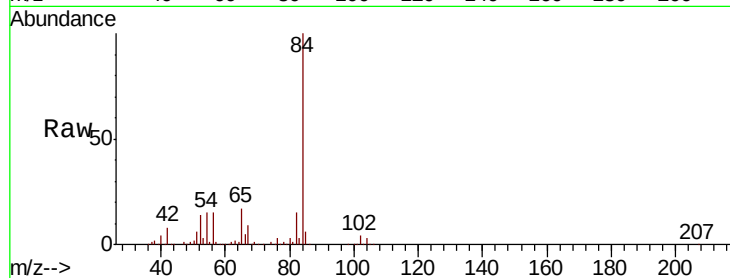
Acq: 03 Nov 2020 10:38

Instrument :

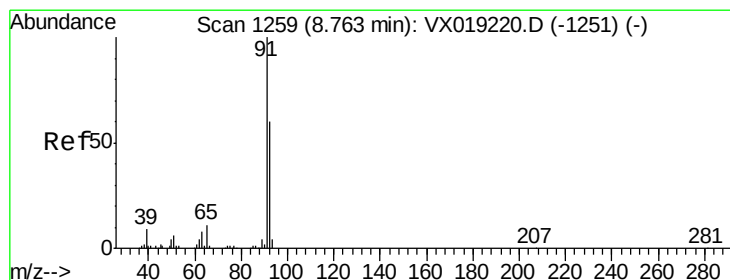
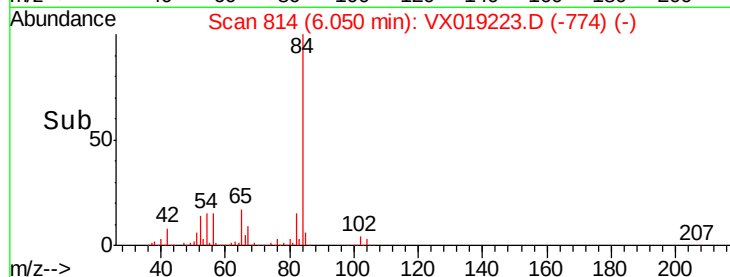
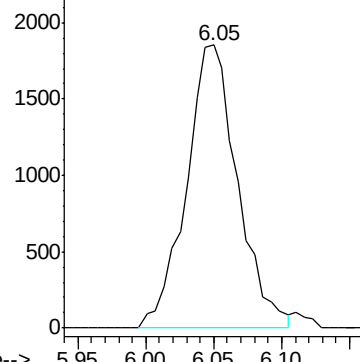
MSVOA_X

ClientSampleId :

Tgt Ion: 78 Resp: 4883



Abundance Ion 78.00 (77.70 to 78.70): VX0



#42

Toluene

Concen: 0.675 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019223.D

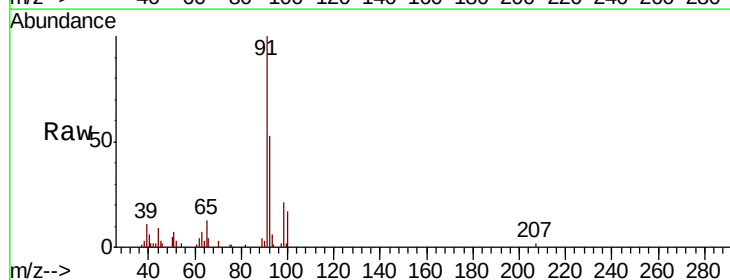
Acq: 03 Nov 2020 10:38

Tgt Ion: 91 Resp: 8588

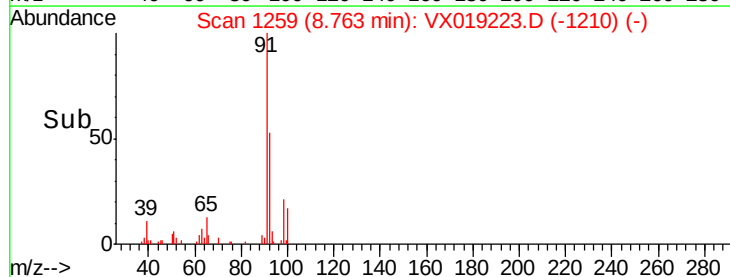
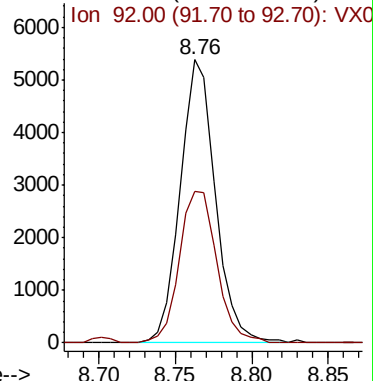
Ion Ratio Lower Upper

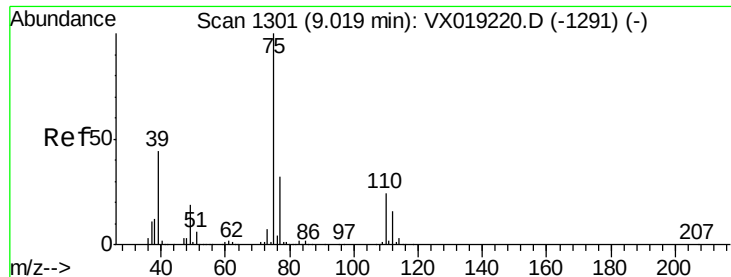
91 100

92 53.4 41.2 76.6



Abundance Ion 91.00 (90.70 to 91.70): VX0





#44

trans-1,3-Dichloropropene

Concen: 0.973 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VX019223.D

Acq: 03 Nov 2020 10:38

Instrument :

MSVOA_X

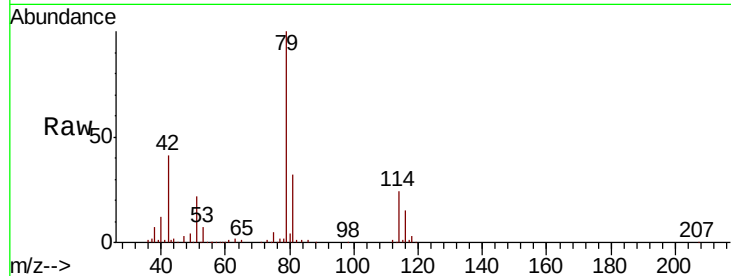
ClientSampleId :

Tot Ion: 75 Resp: 4571

Ion Ratio Lower Upper

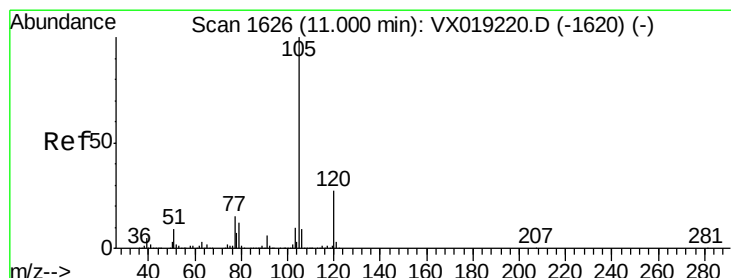
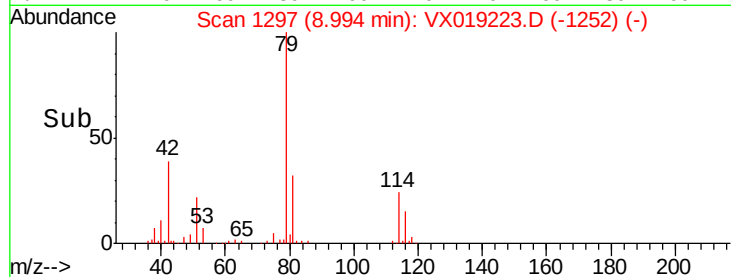
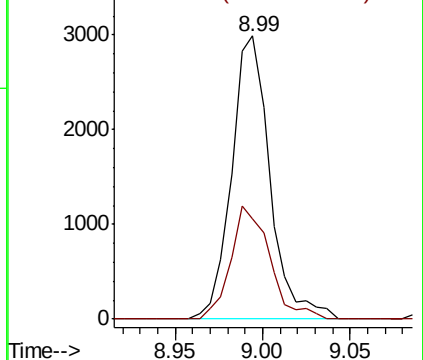
75 100

77 35.4 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#60

Isopropylbenzene

Concen: 0.018 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019223.D

Acq: 03 Nov 2020 10:38

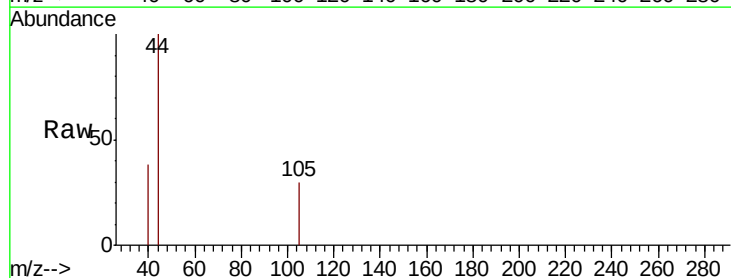
Tgt Ion: 105 Resp: 223

Ion Ratio Lower Upper

105 100

120 0.0 21.1 31.7#

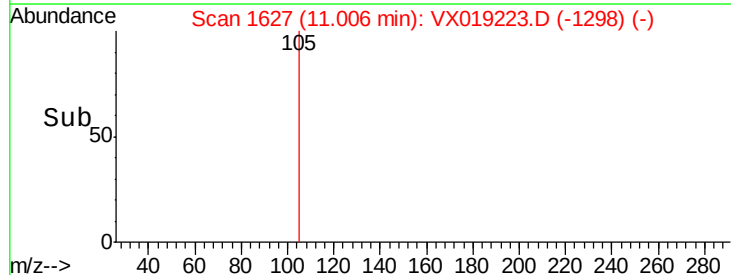
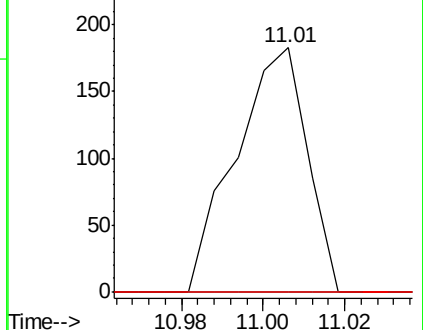
77 0.0 12.6 19.0#

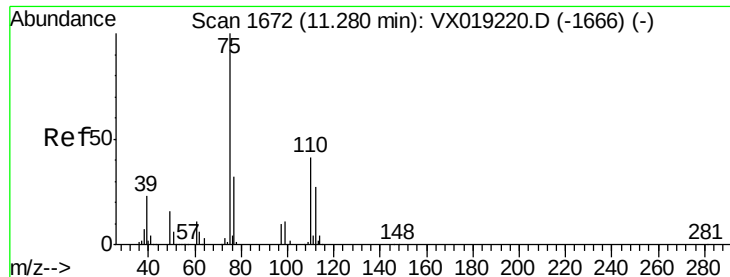


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VX0





#61

1,2,3-Trichloropropane

Concen: 0.008 ug/L

RT: 11.15 min Scan# 1651

Delta R.T. -0.13 min

Lab File: VX019223.D

Acq: 03 Nov 2020 10:38

Instrument :

MSVOA_X

ClientSampleId :

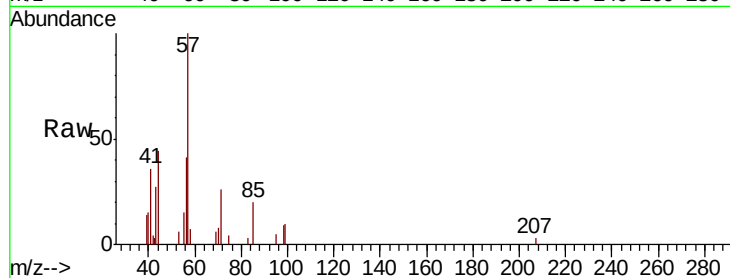
Tot Ion: 75 Resp: 24

Ion Ratio Lower Upper

75 100

77 175.0 25.4 38.0#

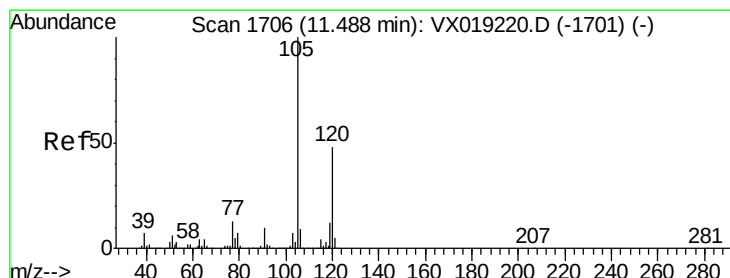
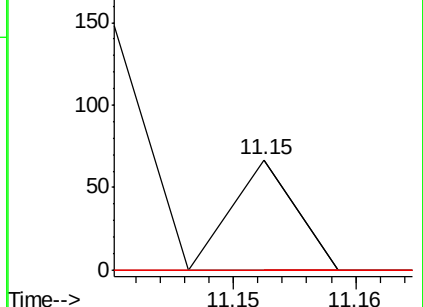
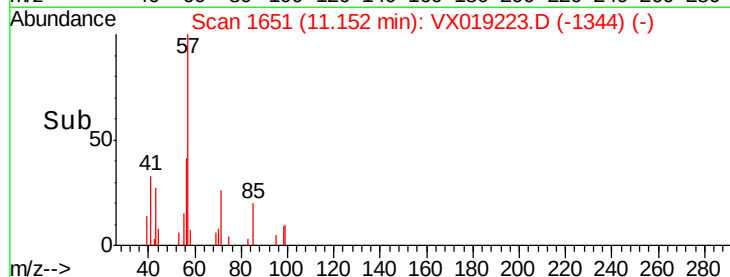
110 0.0 32.2 48.2#



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V



#62

1,3,5-Trimethylbenzene

Concen: 0.118 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.30 min

Lab File: VX019223.D

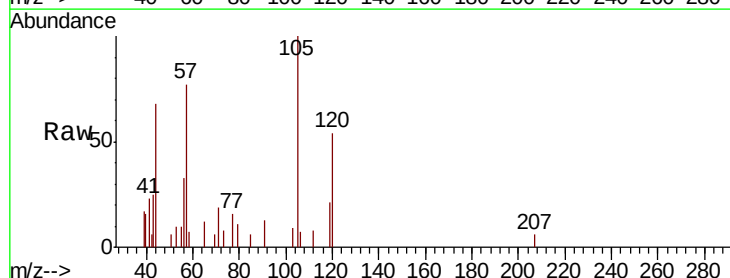
Acq: 03 Nov 2020 10:38

Tgt Ion: 105 Resp: 1204

Ion Ratio Lower Upper

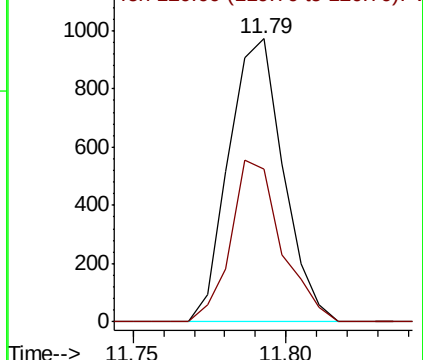
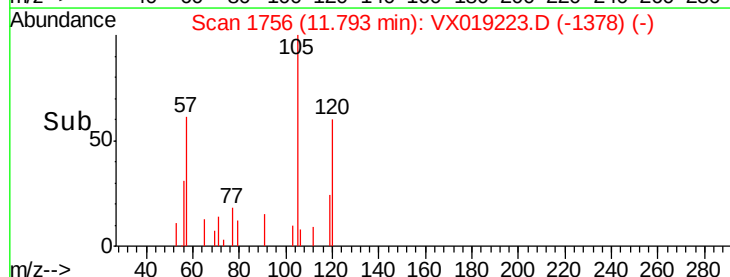
105 100

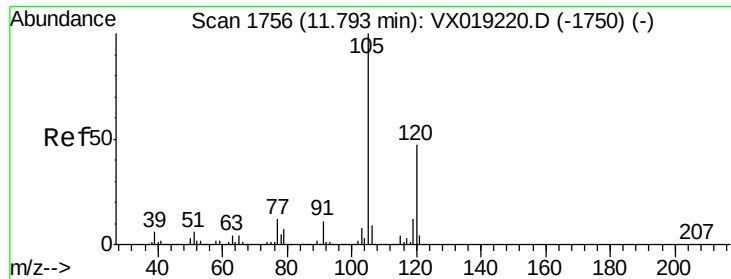
120 53.2 38.8 58.2



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: 0.124 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019223.D
 Acq: 03 Nov 2020 10:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 1204
 Ion Ratio Lower Upper
 105 100
 120 53.2 36.0 54.0

