

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019211.D
 Acq On : 02 Nov 2020 15:04
 Operator : JC/MD
 Sample : VX1102WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 03 07:25:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 14:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	441927	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	405370	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	186937	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	182783	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.08%
7) Chloroethane-d5	1.70	69	142178	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.66%
11) 1,1-Dichloroethene-d2	2.34	63	242635	38.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.30%
21) 2-Butanone-d5	4.53	46	217392	112.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.00%
24) Chloroform-d	5.14	84	298717	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
26) 1,2-Dichloroethane-d4	6.03	65	203248	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	6.05	84	627262	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
36) 1,2-Dichloropropane-d6	7.37	67	186403	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.34%
41) Toluene-d8	8.70	98	582334	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%
43) trans-1,3-Dichloropropene-	8.99	79	96403	48.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.84%
47) 2-Hexanone-d5	9.43	63	175169	114.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.13%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	228242	52.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.14%
66) 1,2-Dichlorobenzene-d4	12.36	152	190414	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%

Target Compounds

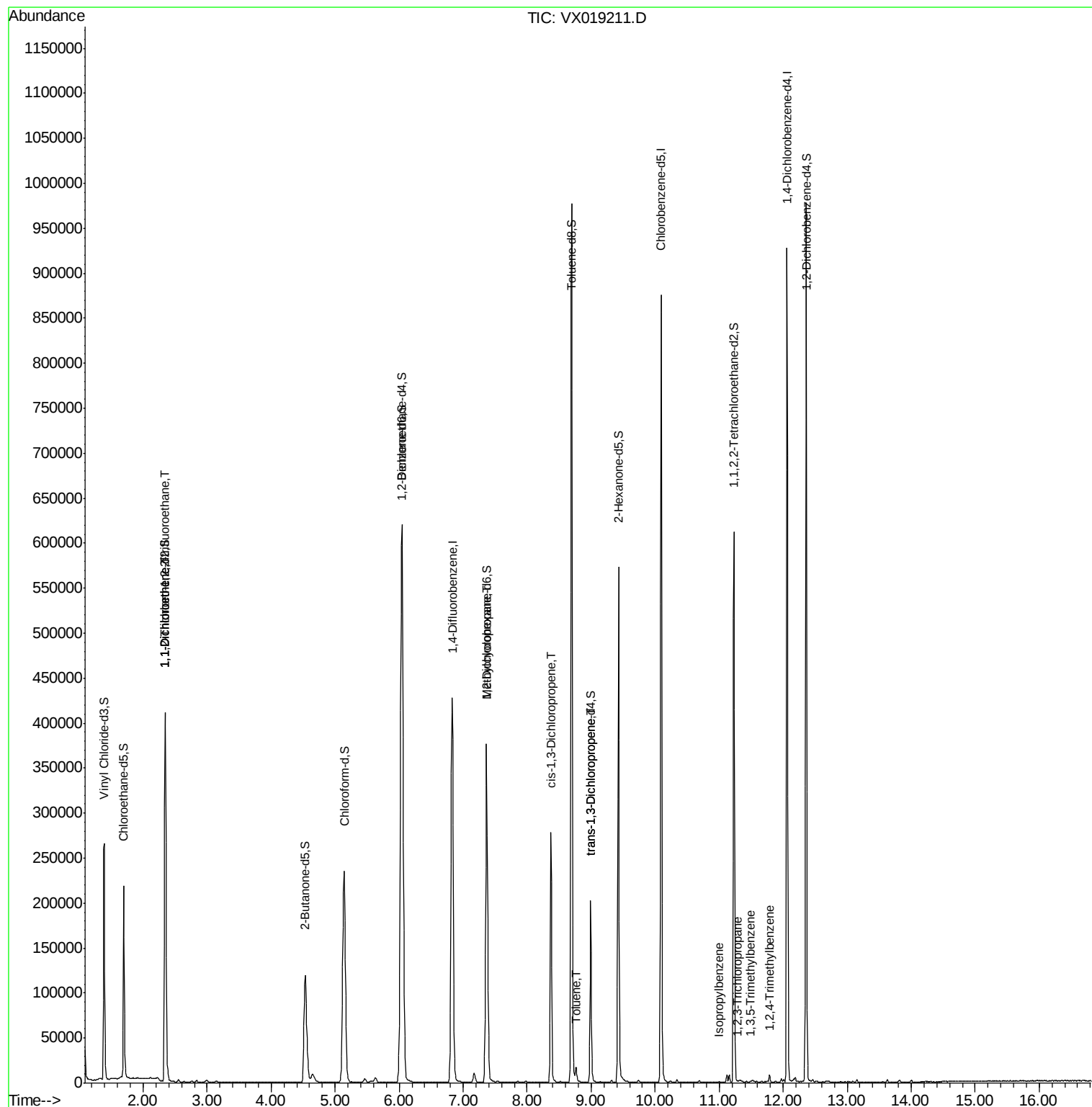
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	2345	0.854	ug/L #	20
12) 1,1-Dichloroethene	2.35	96	2163	0.812	ug/L #	1
35) Methylcyclohexane	7.37	83	47410	9.430	ug/L #	21
39) cis-1,3-Dichloropropene	8.37	75	6486	1.350	ug/L #	79
42) Toluene	8.77	91	9133	0.721	ug/L	95
44) trans-1,3-Dichloropropene	8.99	75	4821	1.030	ug/L #	82
60) Isopropylbenzene	11.01	105	571	0.045	ug/L #	79
61) 1,2,3-Trichloropropane	11.28	75	136	0.043	ug/L #	45
62) 1,3,5-Trimethylbenzene	11.49	105	726	0.070	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	1687	0.171	ug/L	96

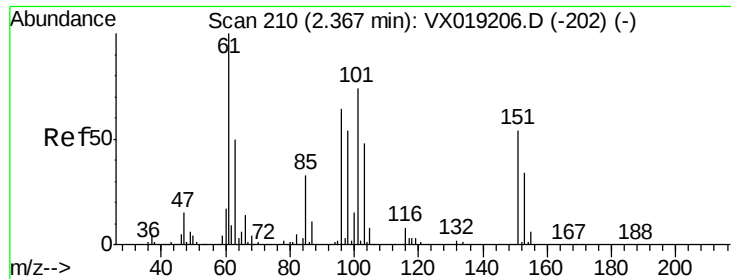
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Nov 03 07:25:10 2020
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Quant Title : VOC Analysis
QLast Update : Mon Nov 02 14:52:07 2020
Response via : Initial Calibration





#10

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

Concen: 0.854 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019211.D

Acq: 02 Nov 2020 15:04

Instrument :

MSVOA_X

ClientSampleId :

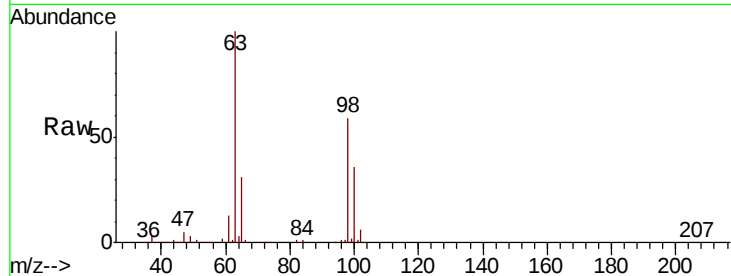
Tot Ion:101 Resp: 2345

Ion Ratio Lower Upper

101 100

85 0.8 35.0 52.4#

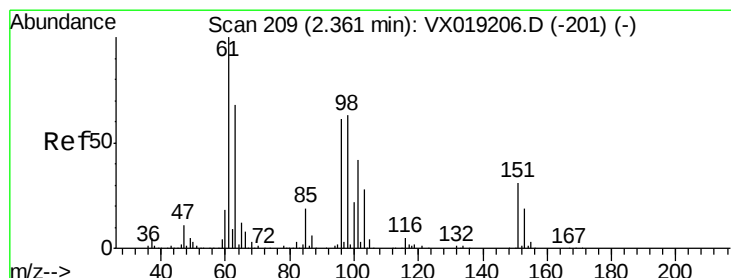
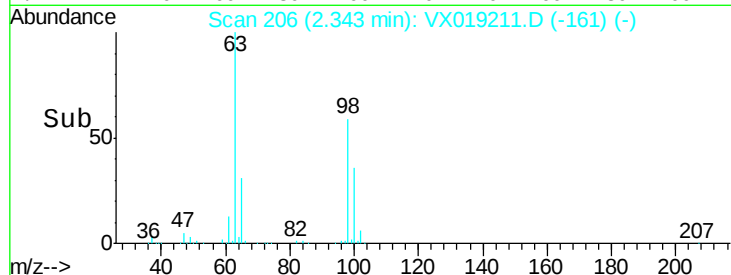
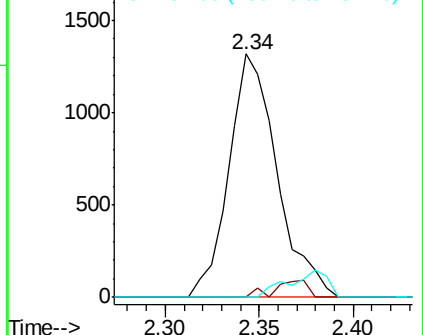
151 0.0 59.9 89.9#



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: 0.812 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019211.D

Acq: 02 Nov 2020 15:04

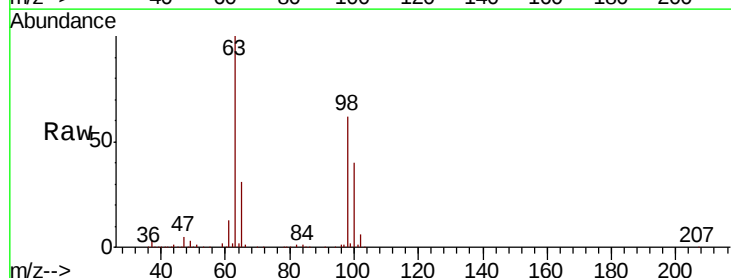
Tgt Ion: 96 Resp: 2163

Ion Ratio Lower Upper

96 100

61 1250.2 115.1 213.8#

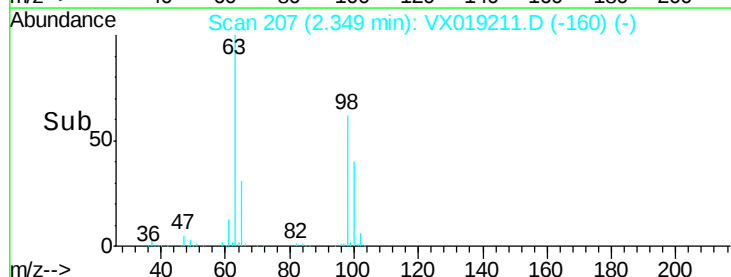
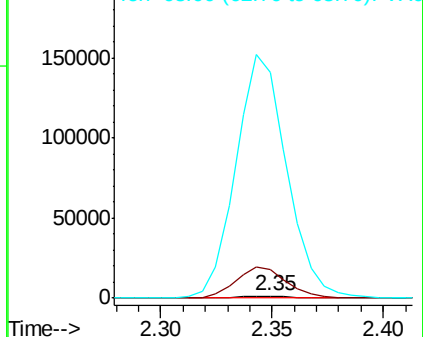
63 9676.9 78.3 145.5#

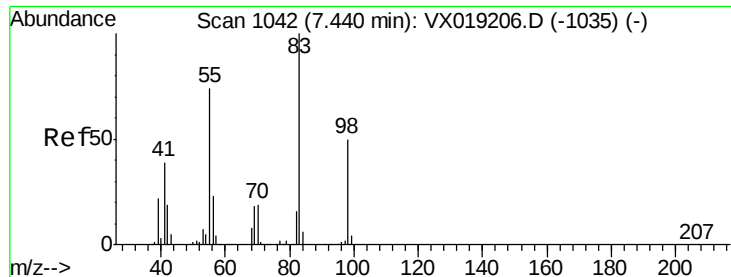


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0

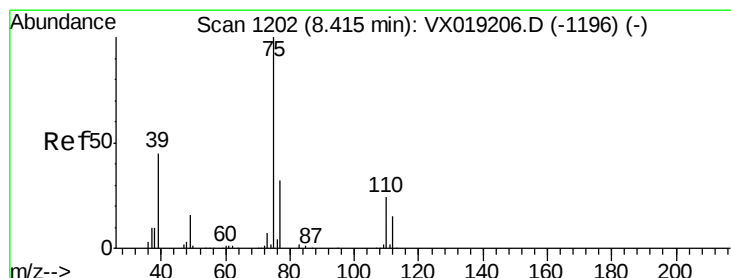
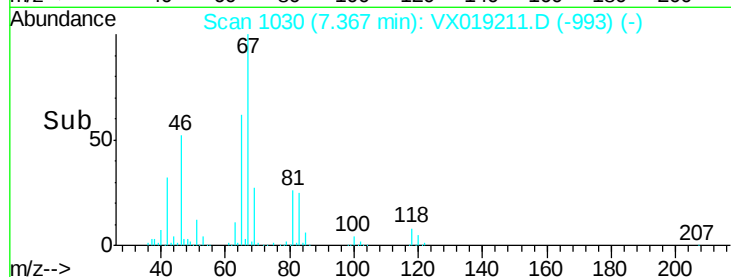
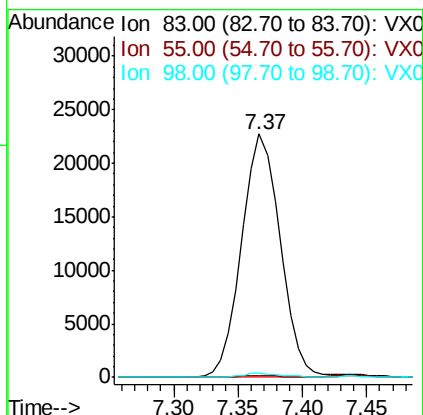
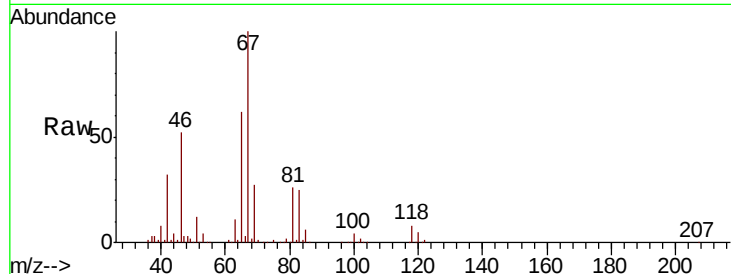




#35
Methvlcvclohexane
Concen: 9.430 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX019211.D
Acq: 02 Nov 2020 15:04

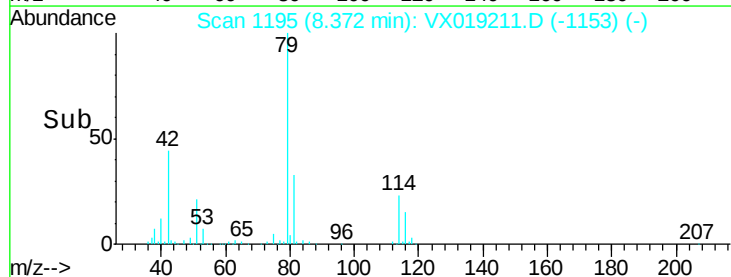
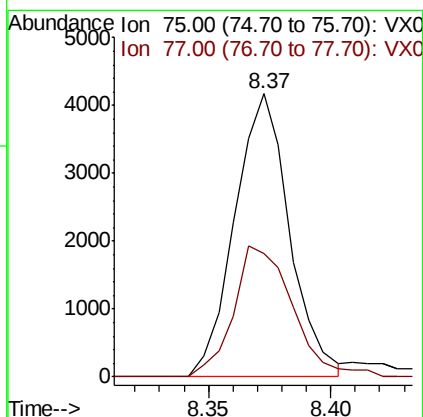
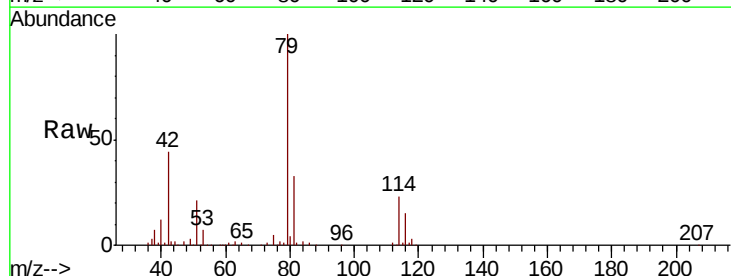
Instrument :
MSVOA_X
ClientSampleId :

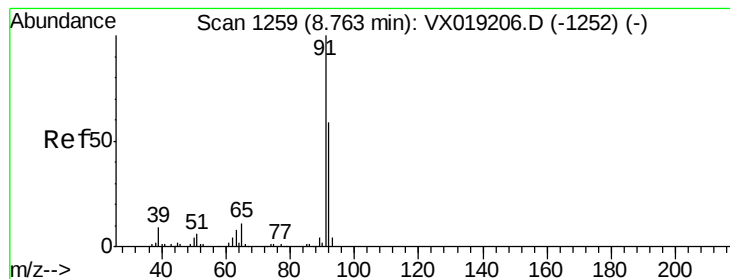
Tot Ion	83	Resp	47410
Ion Ratio	Lower	Upper	
83	100		
55	0.8	58.6	87.8#
98	1.8	39.0	58.6#



#39
cis-1,3-Dichloropropene
Concen: 1.350 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX019211.D
Acq: 02 Nov 2020 15:04

Tgt Ion	75	Resp	6486
Ion Ratio	Lower	Upper	
75	100		
77	43.8	22.5	41.7#





#42

Toluene

Concen: 0.721 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019211.D

Acq: 02 Nov 2020 15:04

Instrument :

MSVOA_X

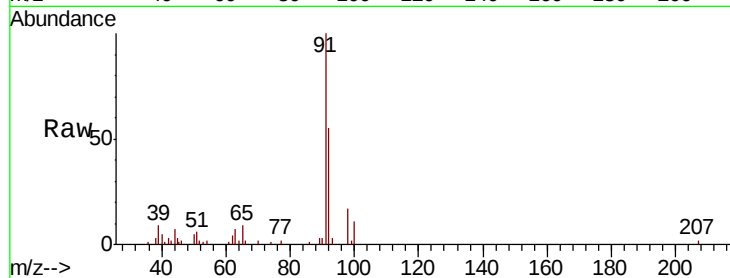
ClientSampleId :

Tot Ion: 91 Resp: 9133

Ion Ratio Lower Upper

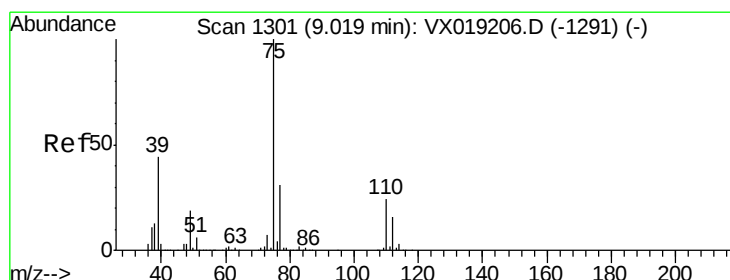
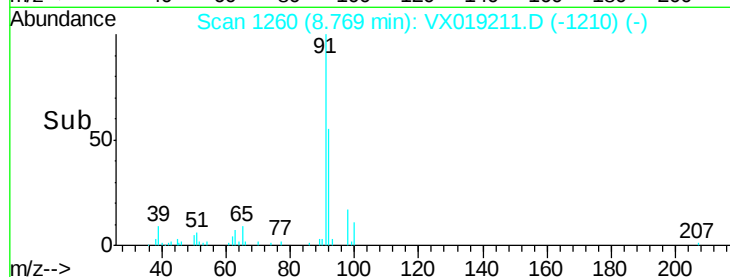
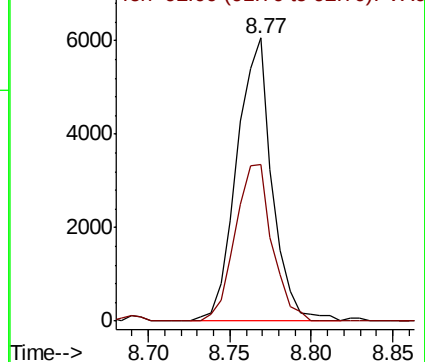
91 100

92 55.3 41.2 76.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#44

trans-1,3-Dichloropropene

Concen: 1.030 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VX019211.D

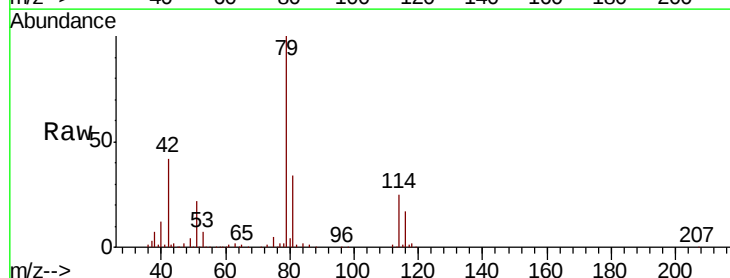
Acq: 02 Nov 2020 15:04

Tgt Ion: 75 Resp: 4821

Ion Ratio Lower Upper

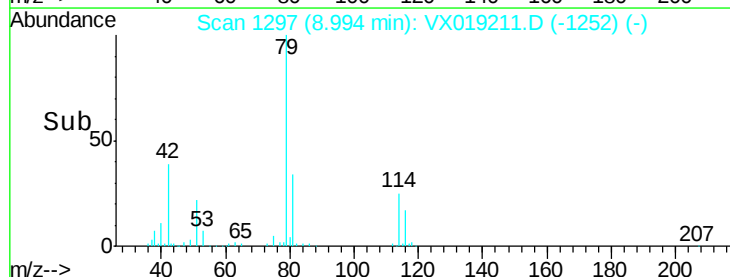
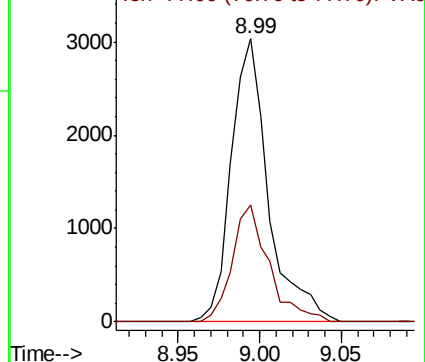
75 100

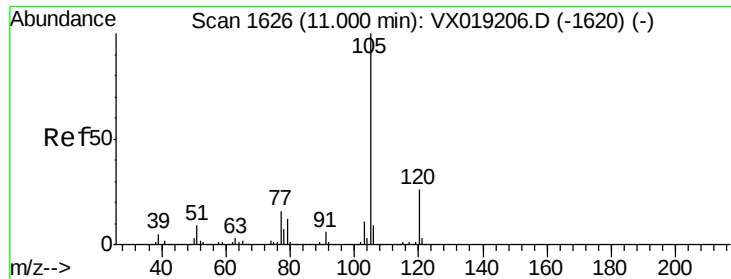
77 41.4 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#60

Isopropylbenzene

Concen: 0.045 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019211.D

Acq: 02 Nov 2020 15:04

Instrument :

MSVOA_X

ClientSampled :

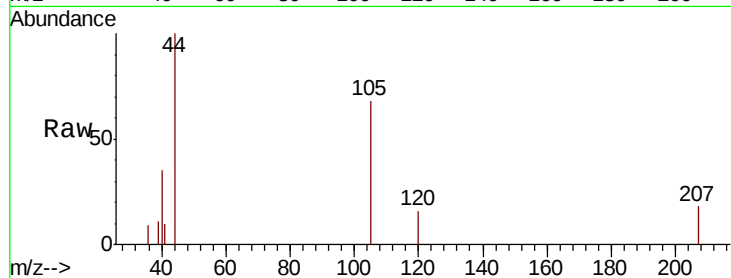
Tot Ion:105 Resp: 571

Ion Ratio Lower Upper

105 100

120 20.3 21.1 31.7#

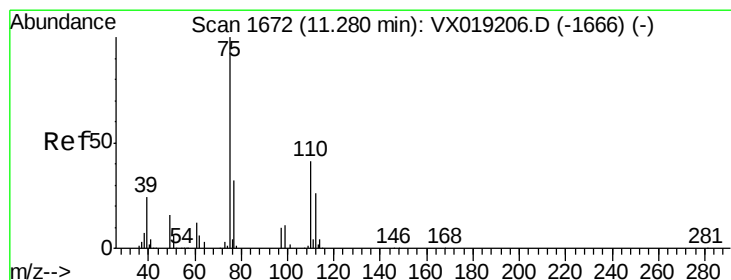
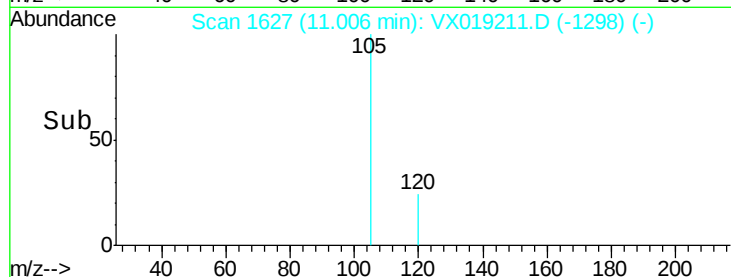
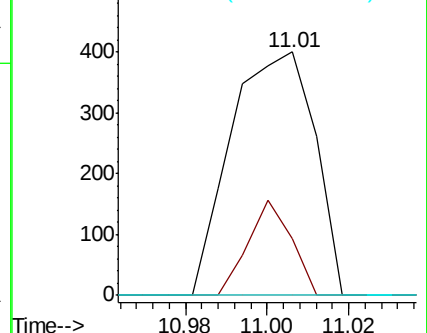
77 0.0 12.6 19.0#



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): V



#61

1,2,3-Trichloropropane

Concen: 0.043 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019211.D

Acq: 02 Nov 2020 15:04

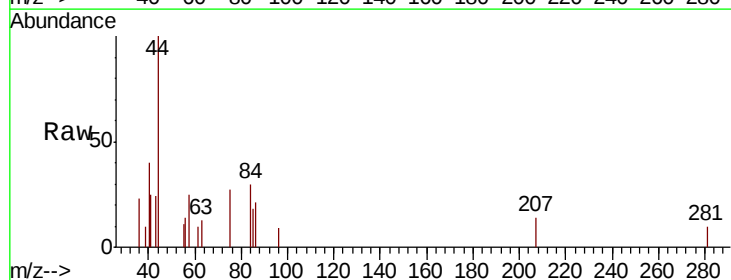
Tgt Ion: 75 Resp: 136

Ion Ratio Lower Upper

75 100

77 55.1 25.4 38.0#

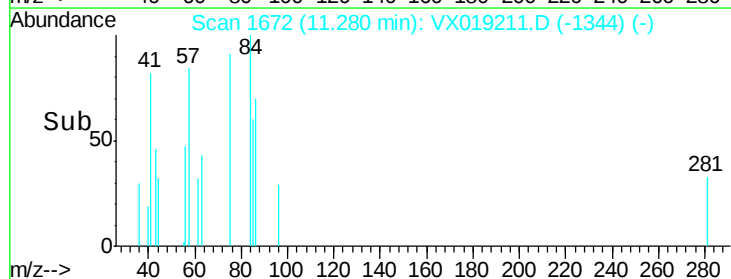
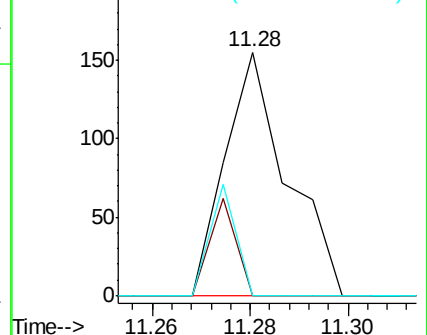
110 0.0 32.2 48.2#

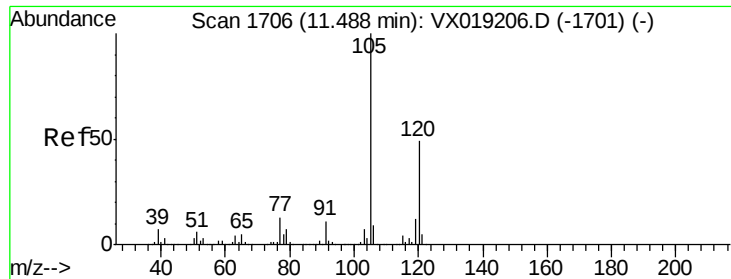


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V



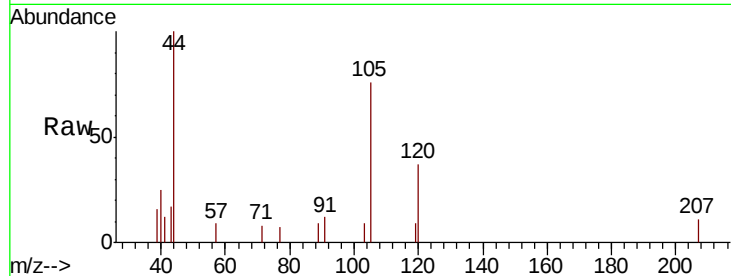


#62

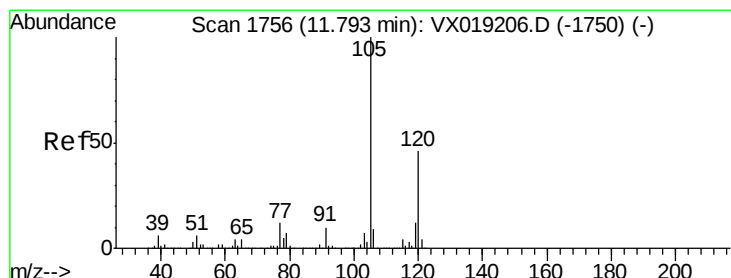
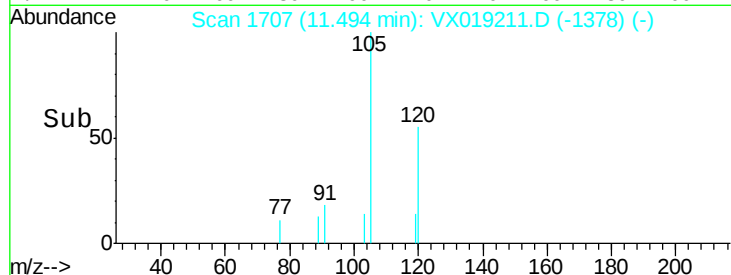
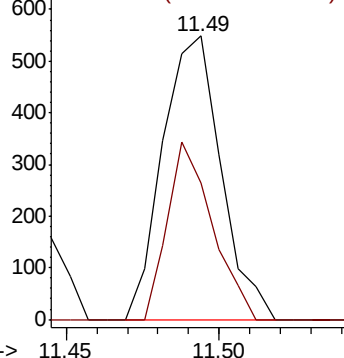
1,3,5-Trimethylbenzene
Concen: 0.070 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX019211.D
Acq: 02 Nov 2020 15:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:105 Resp: 726
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



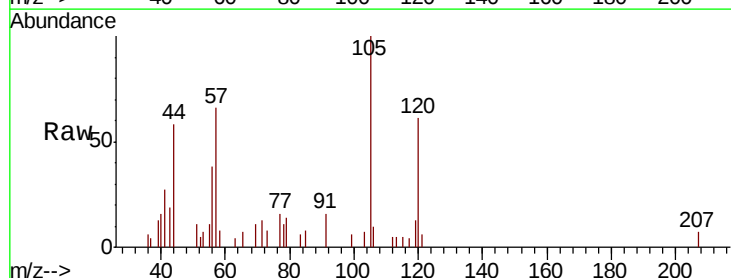
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene
Concen: 0.171 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019211.D
Acq: 02 Nov 2020 15:04

Tgt Ion:105 Resp: 1687
Ion Ratio Lower Upper
105 100
120 47.5 36.0 54.0



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

