

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019212.D
 Acq On : 02 Nov 2020 15:27
 Operator : JC/MD
 Sample : VX1102MBL01
 Misc : 5.0µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 03 07:25:15 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	449645	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	417069	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	185828	50.00	ug/L	0.00

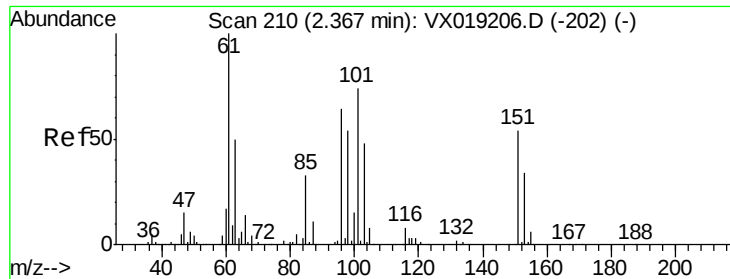
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	183604	47.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.86%
7) Chloroethane-d5	1.70	69	143525	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.86%
11) 1,1-Dichloroethene-d2	2.34	63	243213	38.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.16%
21) 2-Butanone-d5	4.53	46	216446	109.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.60%
24) Chloroform-d	5.14	84	296384	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
26) 1,2-Dichloroethane-d4	6.03	65	204288	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
32) Benzene-d6	6.05	84	633312	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	7.37	67	189208	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.00%
41) Toluene-d8	8.70	98	582637	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	8.99	79	98144	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.82%
47) 2-Hexanone-d5	9.43	63	175318	111.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.03%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	226761	50.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.56%
66) 1,2-Dichlorobenzene-d4	12.36	152	189207	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.35	101	2335	0.836 ug/L #	23
12) 1,1-Dichloroethene	2.35	96	1998	0.737 ug/L #	1
39) cis-1,3-Dichloropropene	8.37	75	6956	1.408 ug/L #	63
42) Toluene	8.76	91	8927	0.685 ug/L	97
44) trans-1,3-Dichloropropene	8.99	75	4827	1.003 ug/L #	79
60) Isopropylbenzene	11.00	105	446	0.035 ug/L #	85
61) 1,2,3-Trichloropropane	11.12	75	1219	0.385 ug/L #	45
62) 1,3,5-Trimethylbenzene	11.49	105	499	0.048 ug/L	91
63) 1,2,4-Trimethylbenzene	11.79	105	1557	0.159 ug/L	100

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



#10

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

Concen: 0.836 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.02 min

Lab File: VX019212.D

Acq: 02 Nov 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

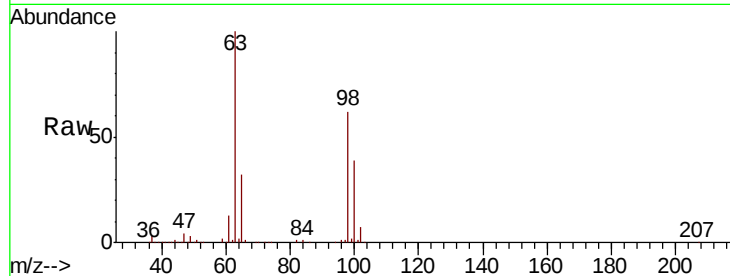
Tot Ion:101 Resp: 2335

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

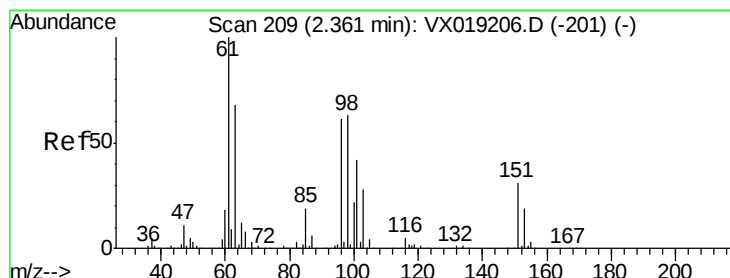
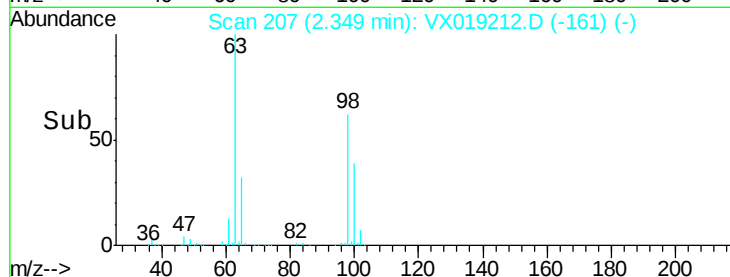
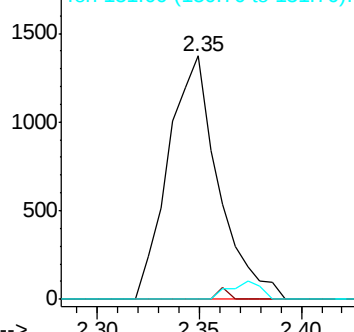
151 4.7 59.9 89.9#



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: 0.737 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019212.D

Acq: 02 Nov 2020 15:27

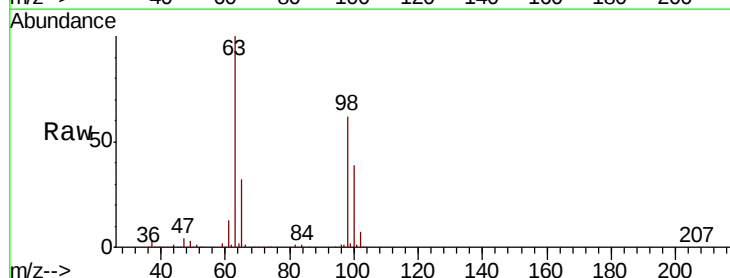
Tgt Ion: 96 Resp: 1998

Ion Ratio Lower Upper

96 100

61 1437.4 115.1 213.8#

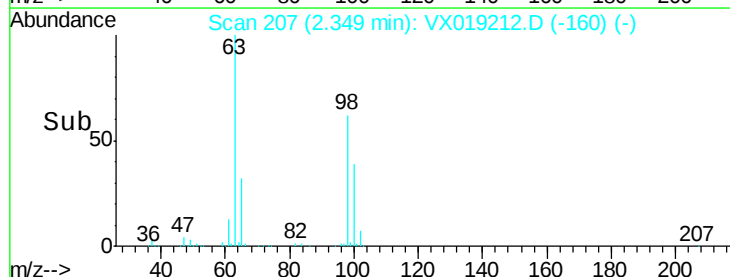
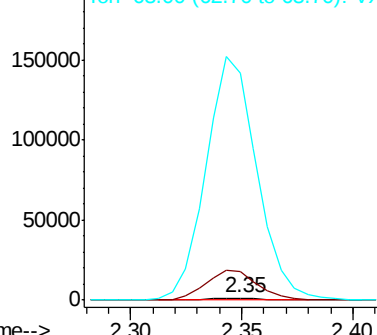
63 11401.8 78.3 145.5#

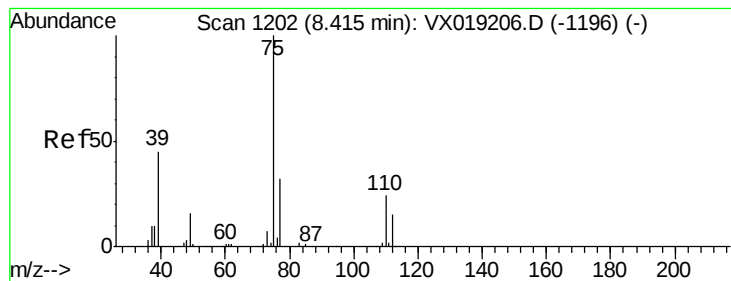


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0



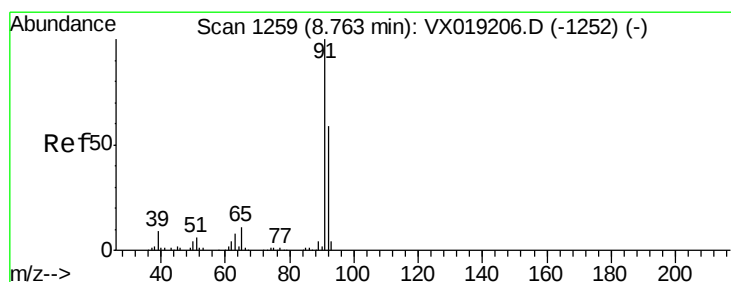
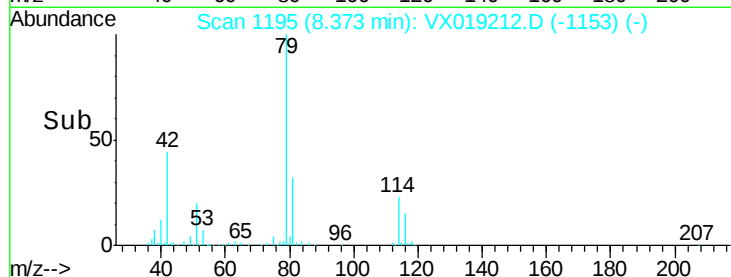
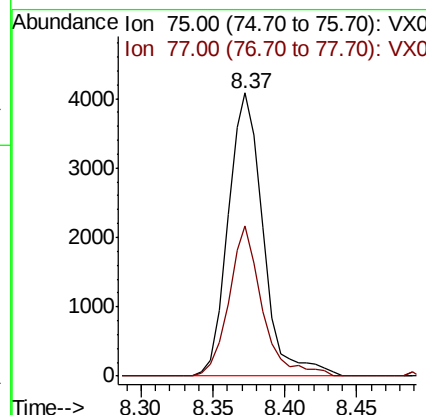
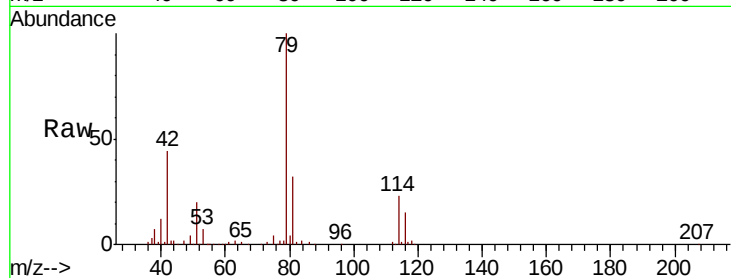


#39

cis-1,3-Dichloropropene
 Concen: 1.408 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX019212.D
 Acq: 02 Nov 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

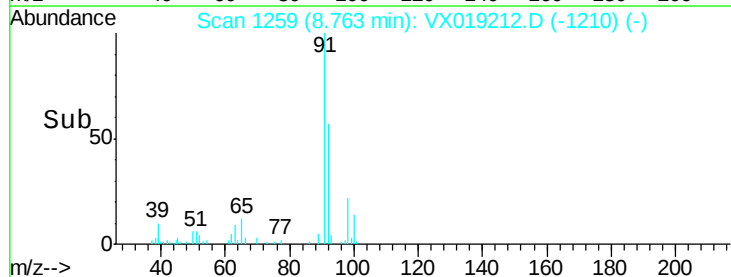
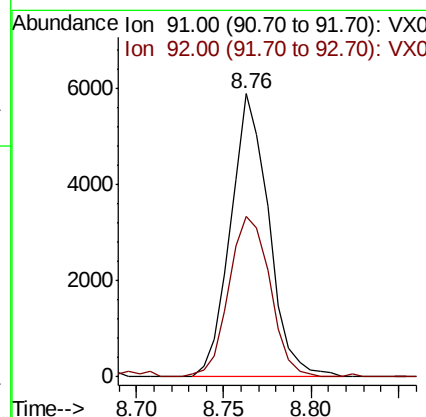
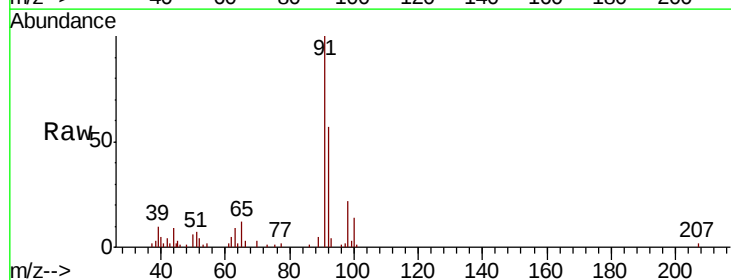
Tot Ion: 75 Resp: 6956
 Ion Ratio Lower Upper
 75 100
 77 52.9 22.5 41.7#

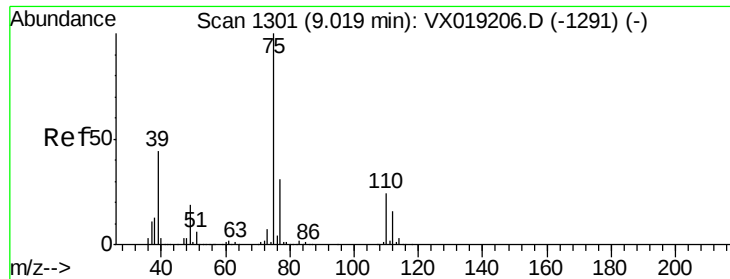


#42

Toluene
 Concen: 0.685 ug/L
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019212.D
 Acq: 02 Nov 2020 15:27

Tgt Ion: 91 Resp: 8927
 Ion Ratio Lower Upper
 91 100
 92 56.8 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 1.003 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VX019212.D

Acq: 02 Nov 2020 15:27

Instrument :

MSVOA_X

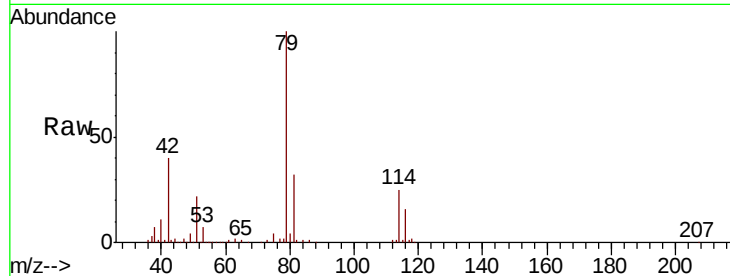
ClientSampleId :

Tot Ion: 75 Resp: 4827

Ion Ratio Lower Upper

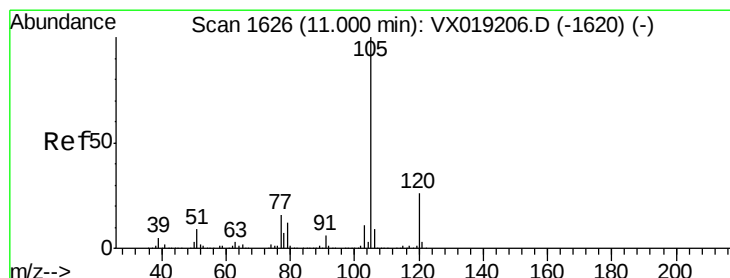
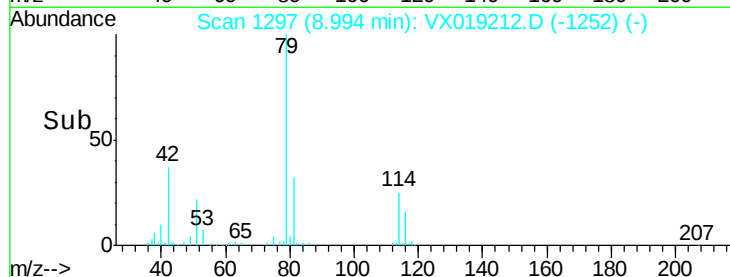
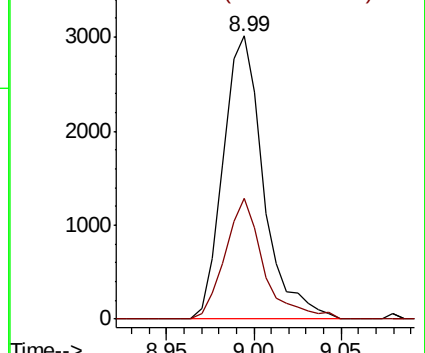
75 100

77 42.8 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: 0.035 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019212.D

Acq: 02 Nov 2020 15:27

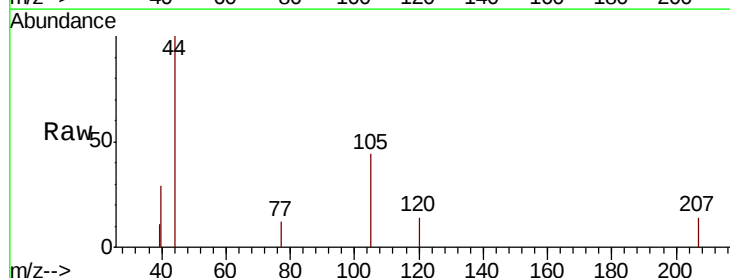
Tgt Ion: 105 Resp: 446

Ion Ratio Lower Upper

105 100

120 17.7 21.1 31.7#

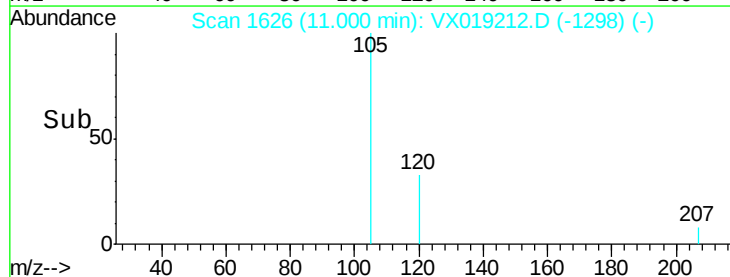
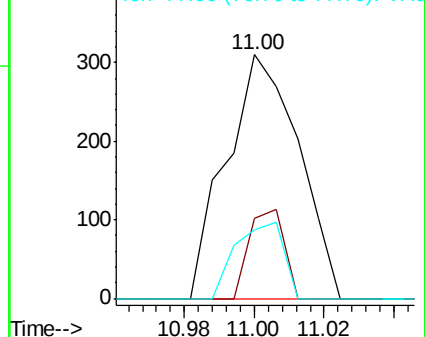
77 20.6 12.6 19.0#

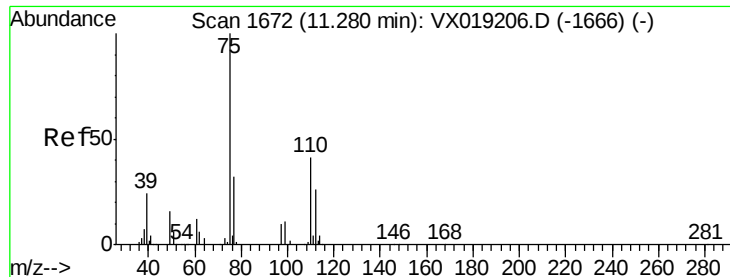


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VX0

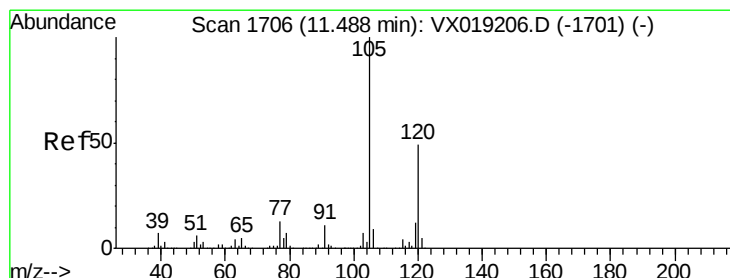
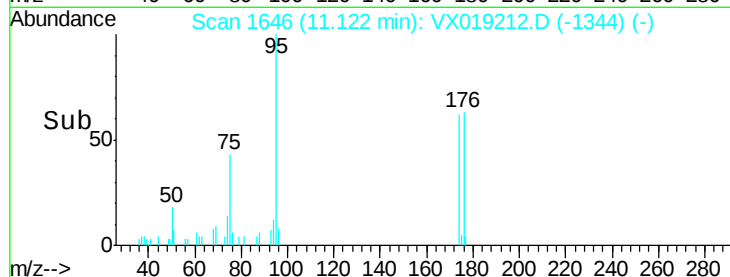
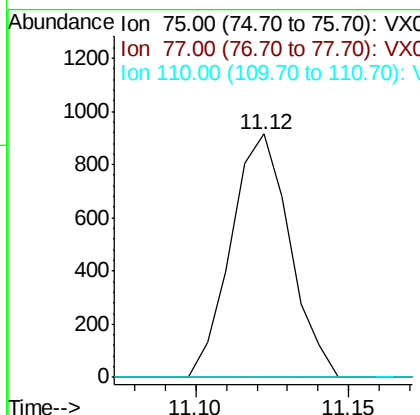
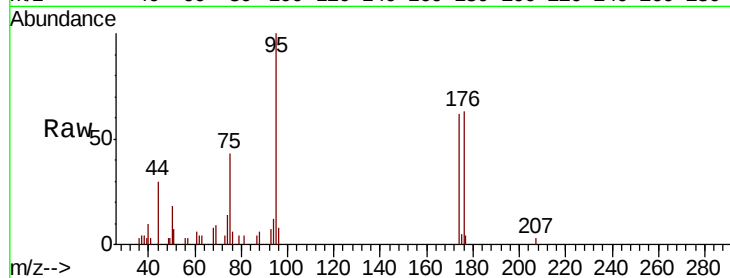




#61
 1,2,3-Trichloropropane
 Concen: 0.385 ug/L
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX019212.D
 Acq: 02 Nov 2020 15:27

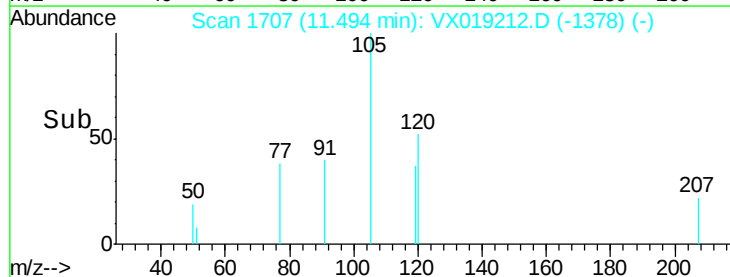
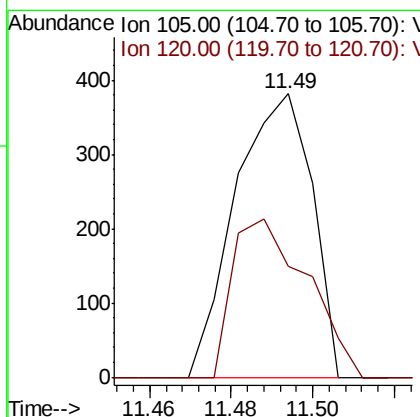
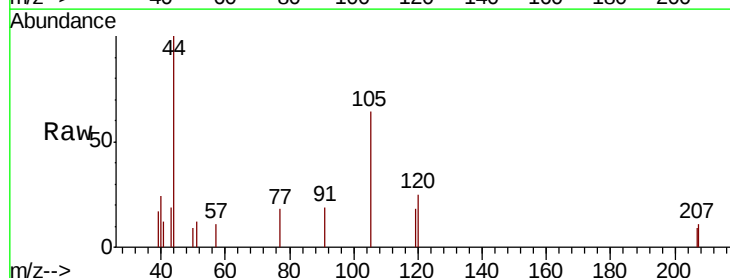
Instrument :
 MSVOA_X
 ClientSampleId :

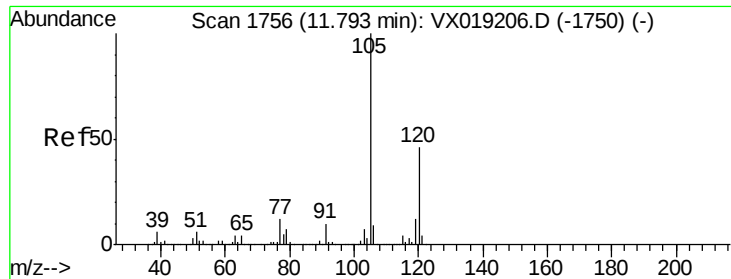
Tot Ion: 75 Resp: 1219
 Ion Ratio Lower Upper
 75 100
 77 7.5 25.4 38.0#
 110 0.0 32.2 48.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.048 ug/L
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019212.D
 Acq: 02 Nov 2020 15:27

Tgt Ion: 105 Resp: 499
 Ion Ratio Lower Upper
 105 100
 120 54.5 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.159 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019212.D
 Acq: 02 Nov 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 1557
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.0 54.0

