

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019213.D
 Acq On : 02 Nov 2020 15:49
 Operator : JC/MD
 Sample : VX1102MBL02
 Misc : 5.0µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 03 07:25:22 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	454220	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	423931	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	190725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	181541	46.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.84%
7) Chloroethane-d5	1.70	69	142671	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.28%
11) 1,1-Dichloroethene-d2	2.34	63	239590	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.26%
21) 2-Butanone-d5	4.54	46	216559	108.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.55%
24) Chloroform-d	5.14	84	296033	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	6.03	65	204006	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
32) Benzene-d6	6.05	84	629215	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
36) 1,2-Dichloropropane-d6	7.37	67	187398	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	8.70	98	591053	44.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.48%
43) trans-1,3-Dichloropropene-	8.99	79	97574	47.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.68%
47) 2-Hexanone-d5	9.43	63	176859	110.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.19%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	224826	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
66) 1,2-Dichlorobenzene-d4	12.36	152	189025	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

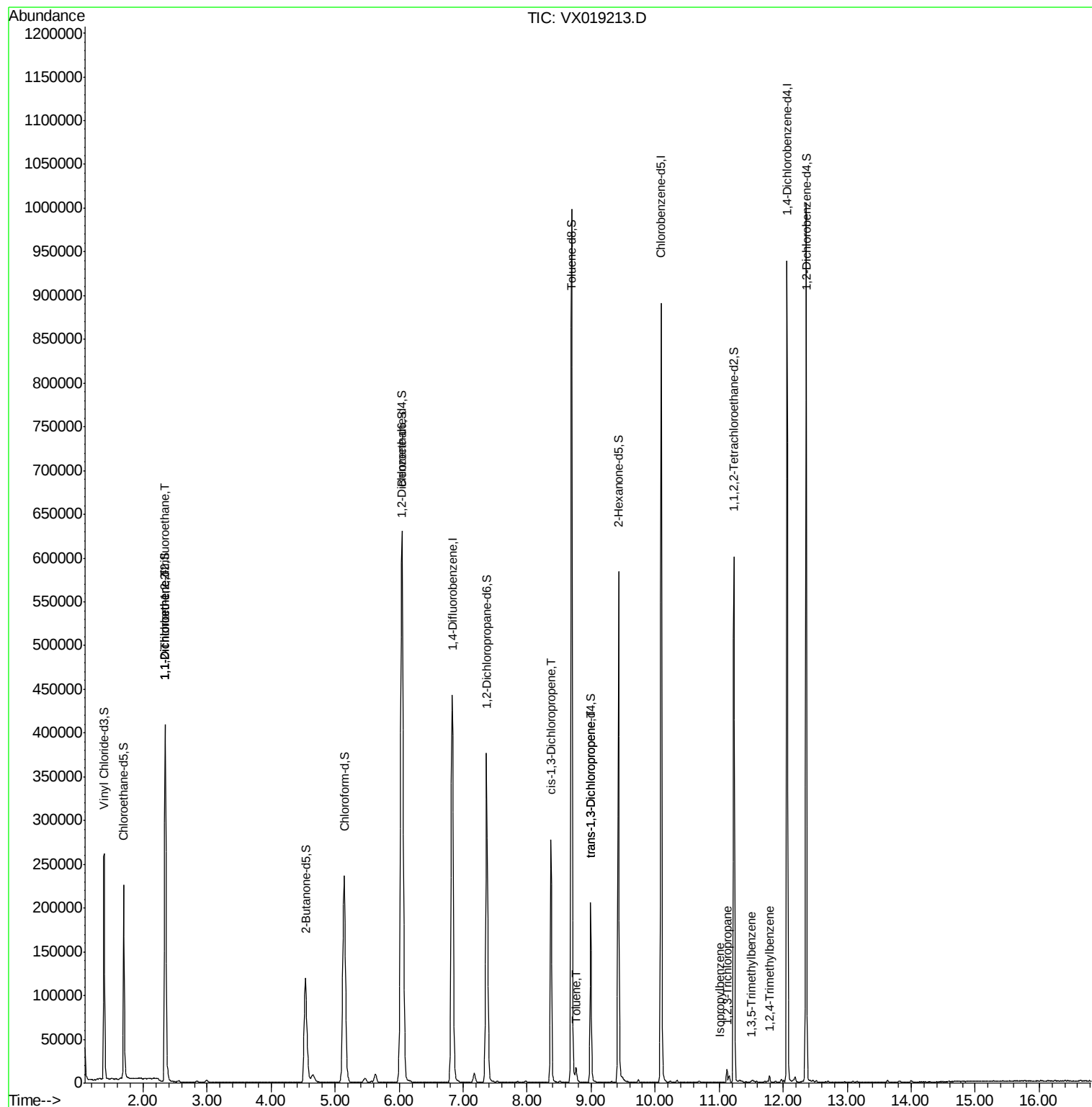
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	2209	0.783 ug/L #	23
12) 1,1-Dichloroethene	2.34	96	2165	0.791 ug/L #	1
39) cis-1,3-Dichloropropene	8.37	75	6452	1.285 ug/L #	78
42) Toluene	8.76	91	8770	0.662 ug/L	98
44) trans-1,3-Dichloropropene	8.99	75	4700	0.960 ug/L #	71
60) Isopropylbenzene	11.00	105	360	0.028 ug/L #	64
61) 1,2,3-Trichloropropane	11.12	75	2047	0.630 ug/L #	40
62) 1,3,5-Trimethylbenzene	11.49	105	494	0.046 ug/L	93
63) 1,2,4-Trimethylbenzene	11.79	105	1493	0.148 ug/L	92

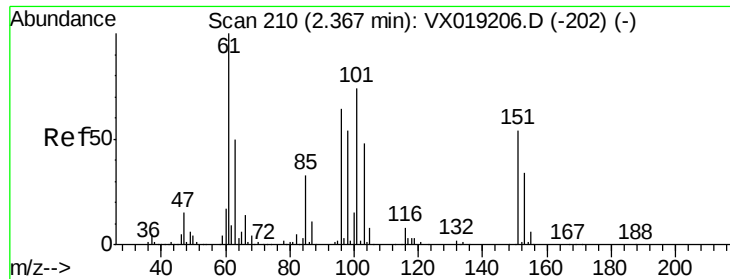
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110220\
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Acq On : 02 Nov 2020 15:49
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Misc : 5.0µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Nov 03 07:25:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
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: 0.783 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019213.D

Acq: 02 Nov 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

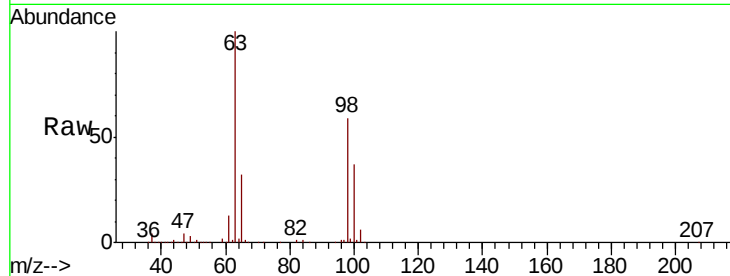
Tot Ion:101 Resp: 2209

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

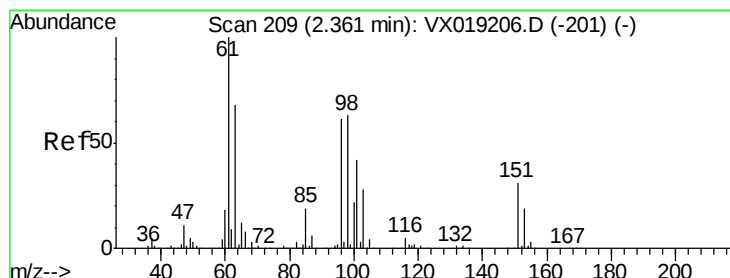
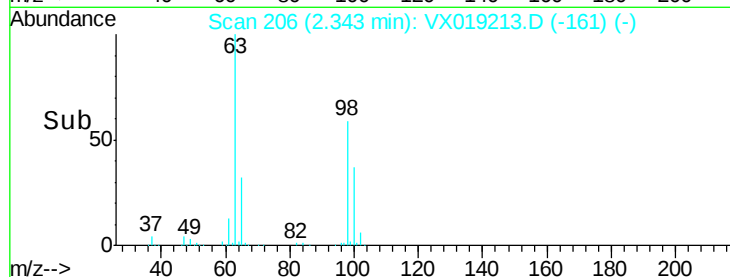
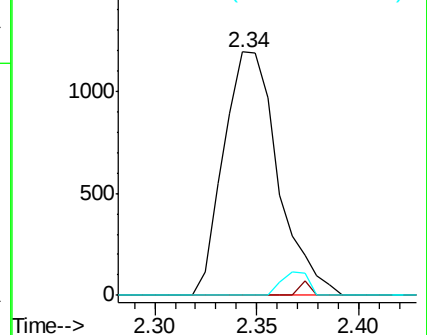
151 4.8 59.9 89.9#



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: 0.791 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX019213.D

Acq: 02 Nov 2020 15:49

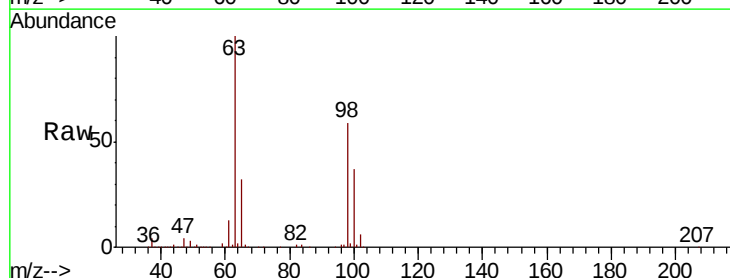
Tgt Ion: 96 Resp: 2165

Ion Ratio Lower Upper

96 100

61 1541.9 115.1 213.8#

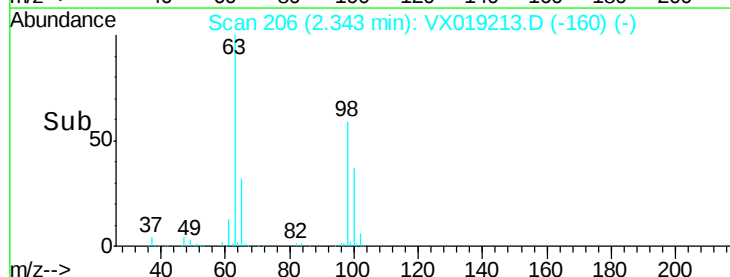
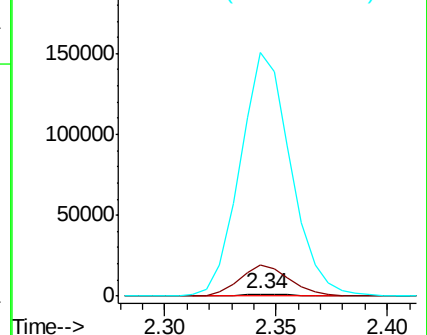
63 12278.0 78.3 145.5#

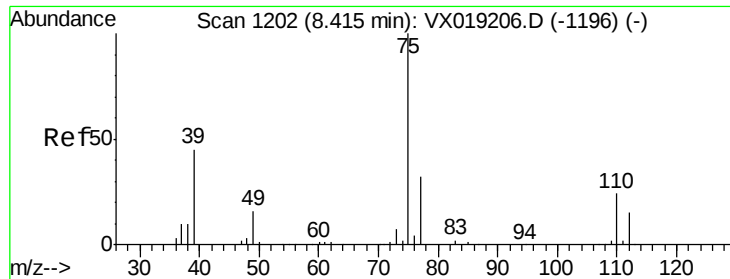


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0

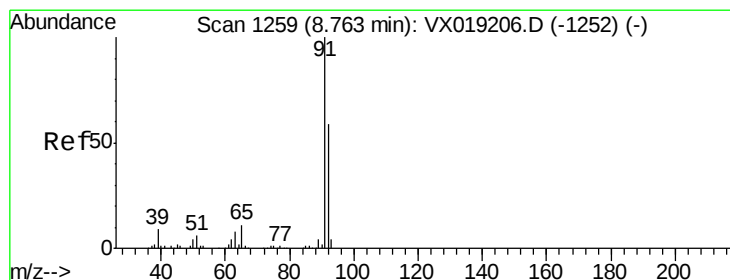
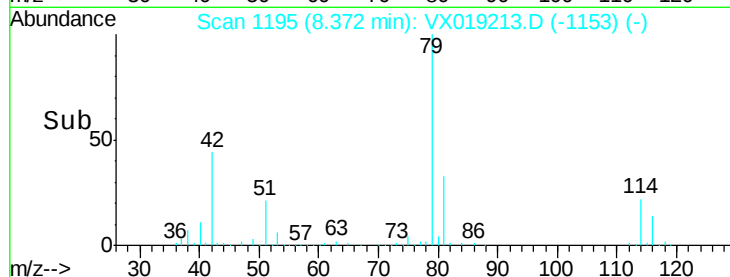
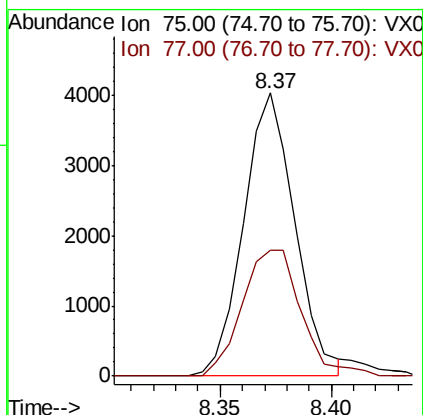
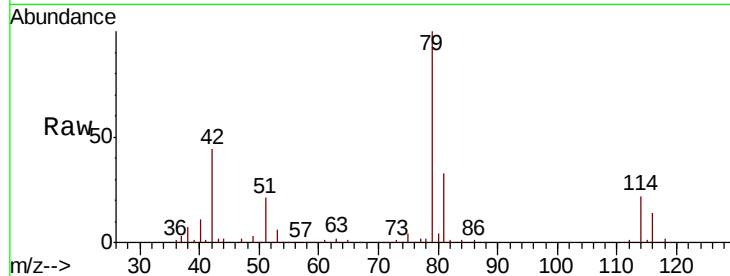




#39
 cis-1,3-Dichloropropene
 Concen: 1.285 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX019213.D
 Acq: 02 Nov 2020 15:49

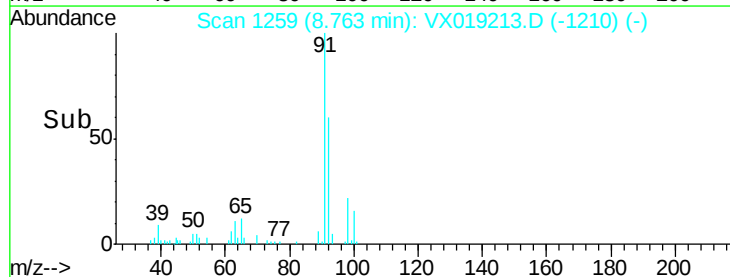
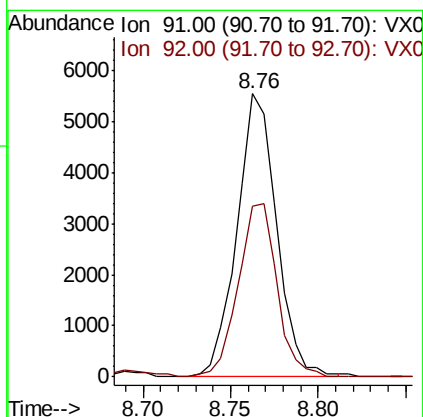
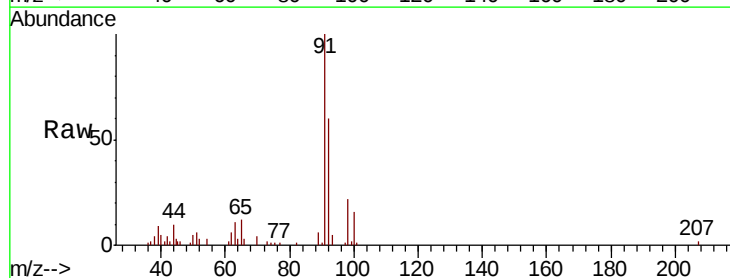
Instrument :
 MSVOA_X
 ClientSampleId :

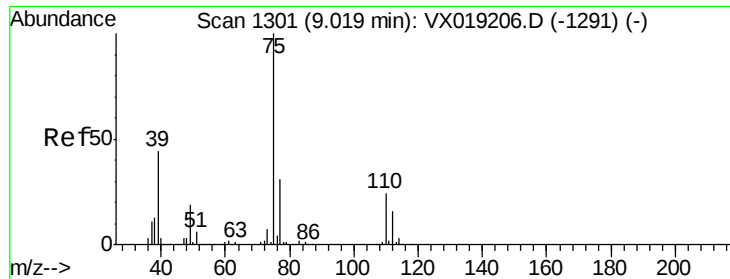
Tot Ion: 75 Resp: 6452
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.5 41.7#



#42
 Toluene
 Concen: 0.662 ug/L
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019213.D
 Acq: 02 Nov 2020 15:49

Tgt Ion: 91 Resp: 8770
 Ion Ratio Lower Upper
 91 100
 92 60.3 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 0.960 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VX019213.D

Acq: 02 Nov 2020 15:49

Instrument :

MSVOA_X

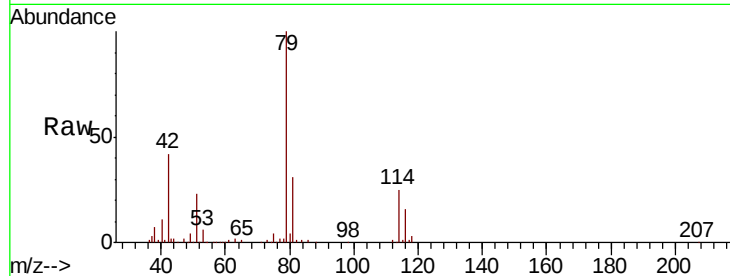
ClientSampleId :

Tot Ion: 75 Resp: 4700

Ion Ratio Lower Upper

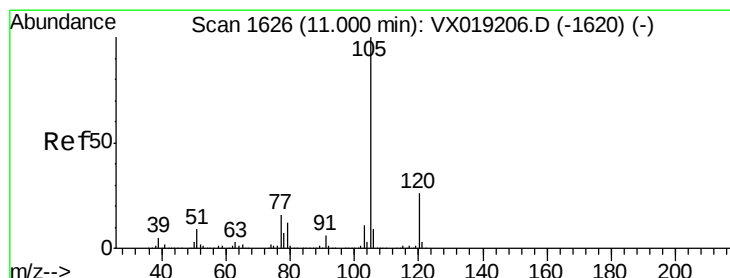
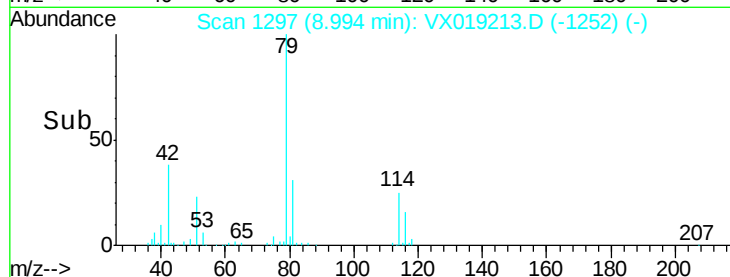
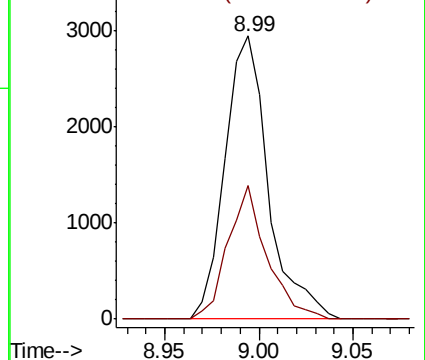
75 100

77 47.0 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: 0.028 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019213.D

Acq: 02 Nov 2020 15:49

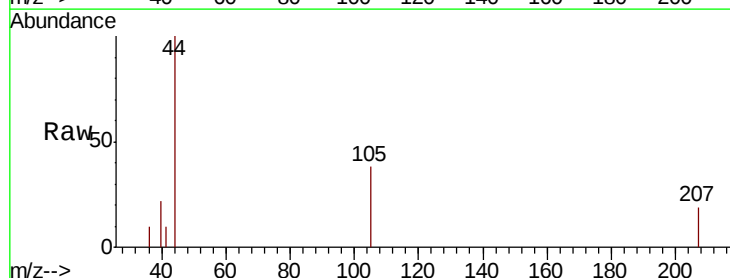
Tgt Ion: 105 Resp: 360

Ion Ratio Lower Upper

105 100

120 0.0 21.1 31.7#

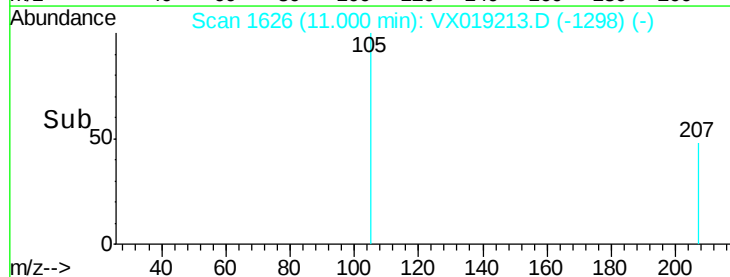
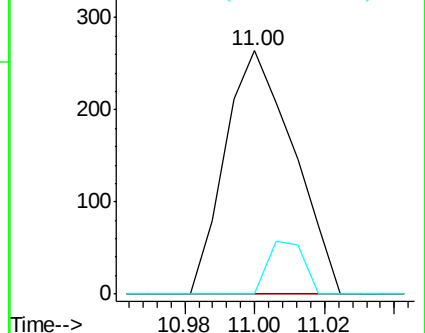
77 11.1 12.6 19.0#

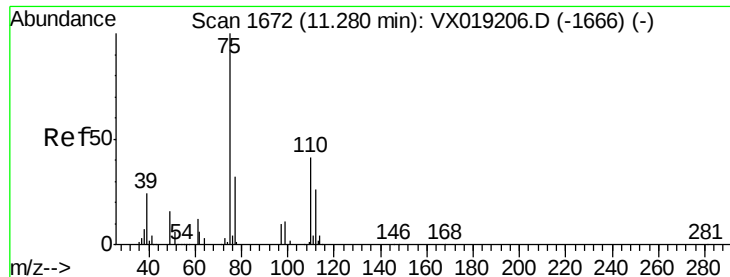


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VX0

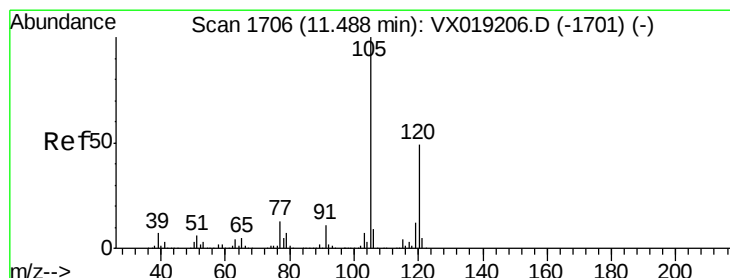
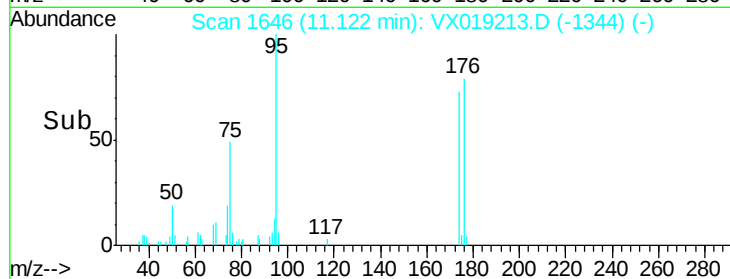
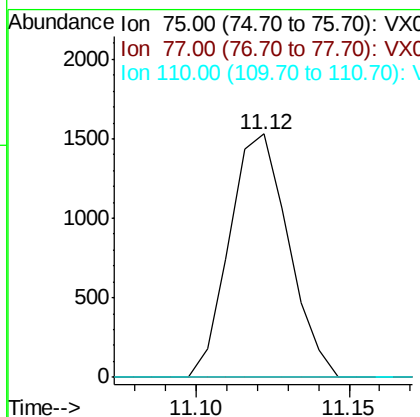
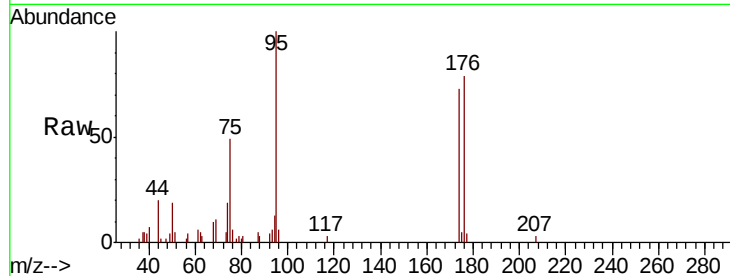




#61
 1,2,3-Trichloropropane
 Concen: 0.630 ug/L
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX019213.D
 Acq: 02 Nov 2020 15:49

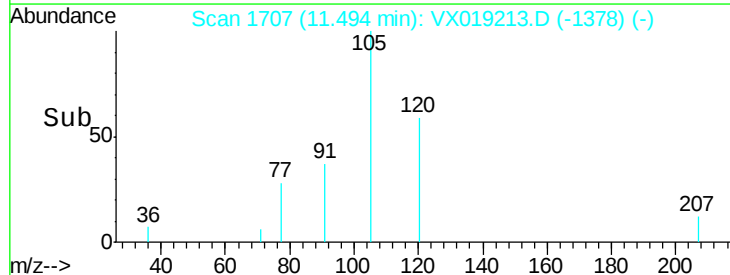
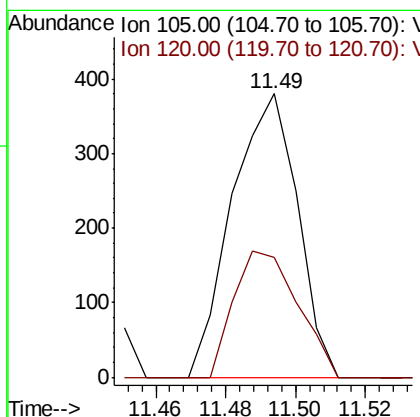
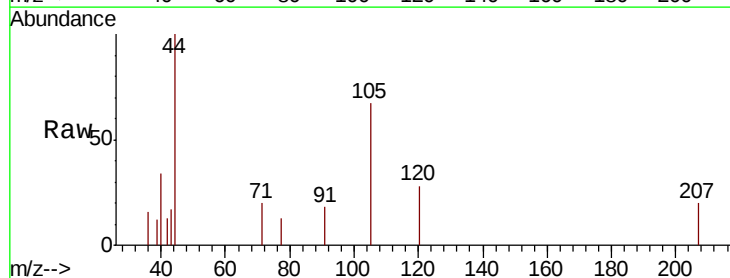
Instrument :
 MSVOA_X
 ClientSampled :

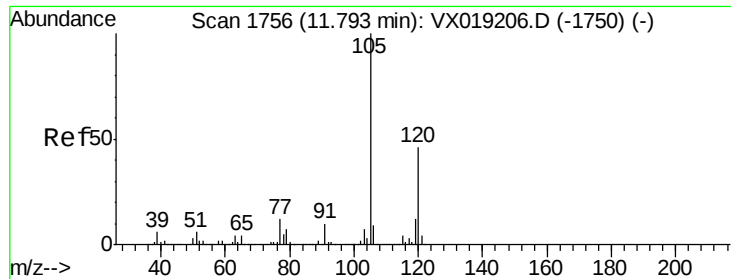
Tot Ion: 75 Resp: 2047
 Ion Ratio Lower Upper
 75 100
 77 2.0 25.4 38.0#
 110 0.0 32.2 48.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.046 ug/L
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019213.D
 Acq: 02 Nov 2020 15:49

Tgt Ion: 105 Resp: 494
 Ion Ratio Lower Upper
 105 100
 120 43.5 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.148 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019213.D
 Acq: 02 Nov 2020 15:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 1493
 Ion Ratio Lower Upper
 105 100
 120 39.7 36.0 54.0

