

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010721\
 Data File : VX020528.D
 Acq On : 07 Jan 2021 13:59
 Operator : JC/MD
 Sample : VX0107WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 00:56:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	335633	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	314170	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	133455	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	138309	51.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.58%
7) Chloroethane-d5	1.69	69	110749	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.10%
11) 1,1-Dichloroethene-d2	2.34	63	195328	38.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.56%
21) 2-Butanone-d5	4.53	46	175171	106.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.02%
24) Chloroform-d	5.14	84	259147	55.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.70%
26) 1,2-Dichloroethane-d4	6.03	65	165811	53.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.94%
32) Benzene-d6	6.04	84	528639	55.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.88%
36) 1,2-Dichloropropane-d6	7.37	67	164505	56.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.58%
41) Toluene-d8	8.70	98	439181	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%
43) trans-1,3-Dichloropropene-	8.99	79	69851	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.26%
47) 2-Hexanone-d5	9.42	63	130508	101.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.11%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	216994	53.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.92%
66) 1,2-Dichlorobenzene-d4	12.36	152	154858	59.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

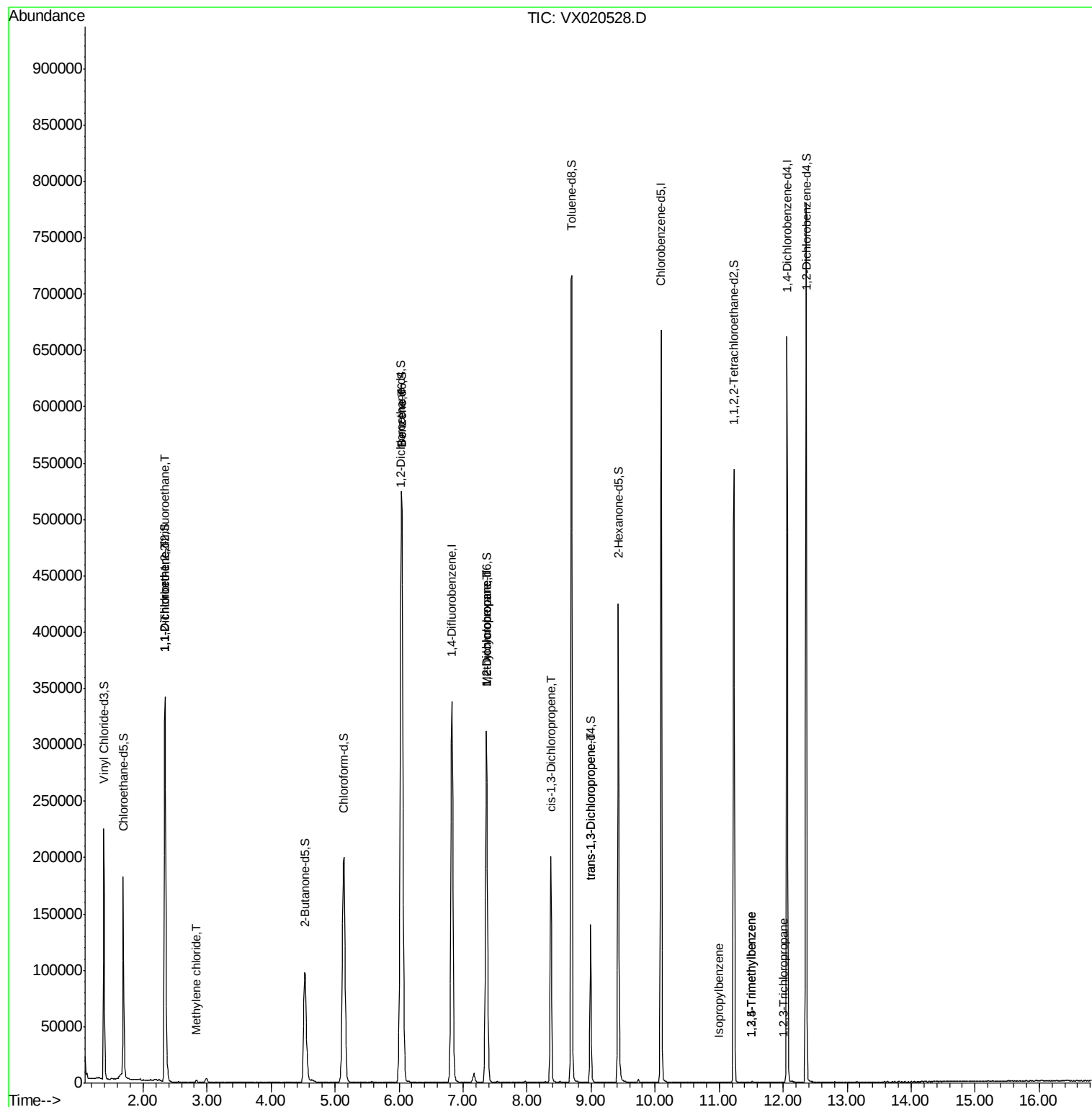
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	1892	0.773	ug/L #	19
12) 1,1-Dichloroethene	2.34	96	1527	0.639	ug/L #	1
16) Methylene chloride	2.84	84	1101	0.385	ug/L	78
33) Benzene	6.04	78	4201	0.405	ug/L	100
35) Methylcyclohexane	7.37	83	40097	10.086	ug/L #	19
37) 1,2-Dichloropropane	7.36	63	17671	6.709	ug/L #	87
39) cis-1,3-Dichloropropene	8.37	75	4246	1.072	ug/L #	62
44) trans-1,3-Dichloropropene	8.99	75	2769	0.716	ug/L	91
60) Isopropylbenzene	11.00	105	65	0.007	ug/L #	54
61) 1,2,3-Trichloropropane	12.01	75	50	0.017	ug/L #	38
62) 1,3,5-Trimethylbenzene	11.50	105	42	0.005	ug/L #	1
63) 1,2,4-Trimethylbenzene	11.50	105	42	0.005	ug/L #	1

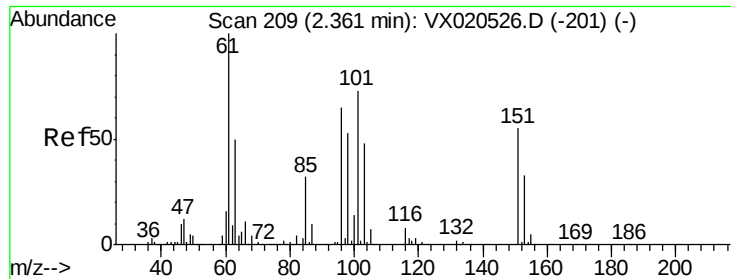
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 08 00:55:52 2021
Response via : Initial Calibration





#10

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

Concen: 0.773 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX020528.D

Acq: 07 Jan 2021 13:59

Instrument :

MSVOA_X

ClientSampleId :

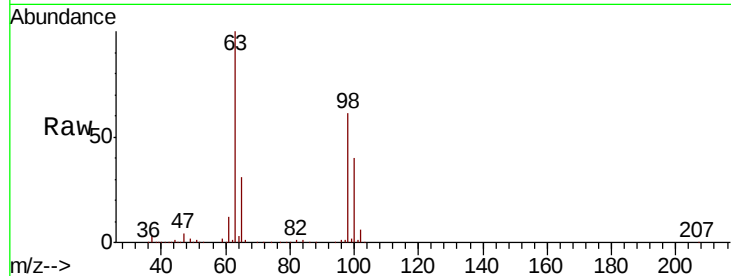
Tot Ion:101 Resp: 1892

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

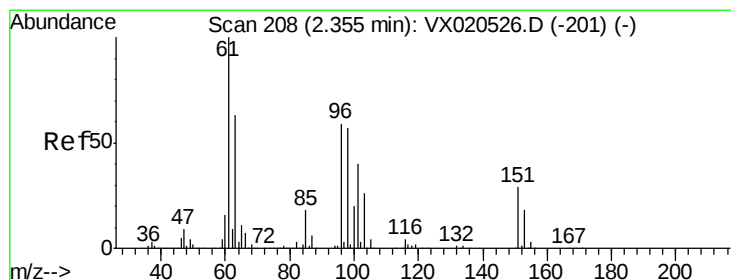
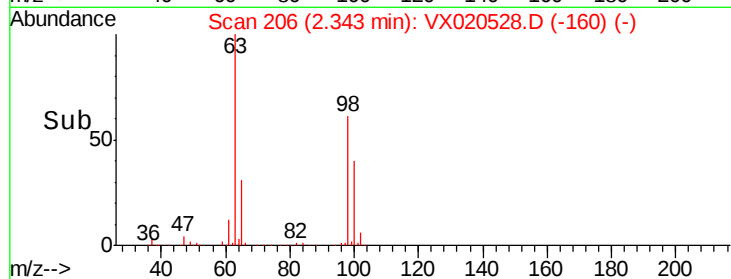
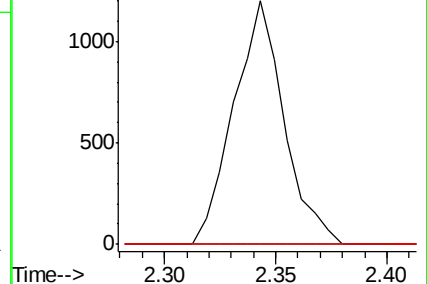
151 0.0 60.7 91.1#



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: 0.639 ug/L

RT: 2.34 min Scan# 205

Delta R.T. -0.02 min

Lab File: VX020528.D

Acq: 07 Jan 2021 13:59

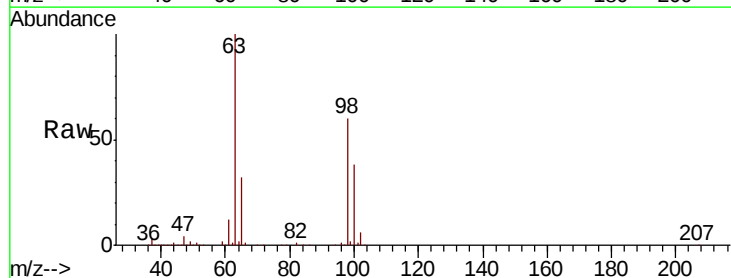
Tgt Ion: 96 Resp: 1527

Ion Ratio Lower Upper

96 100

61 1447.7 115.5 214.5#

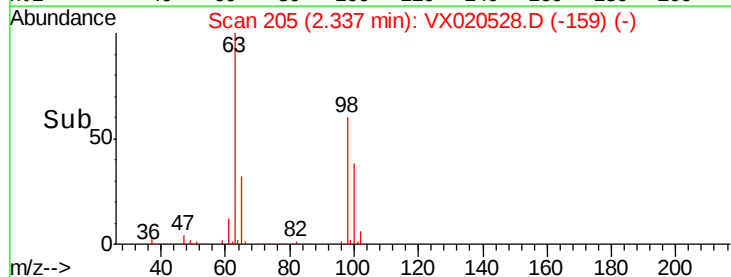
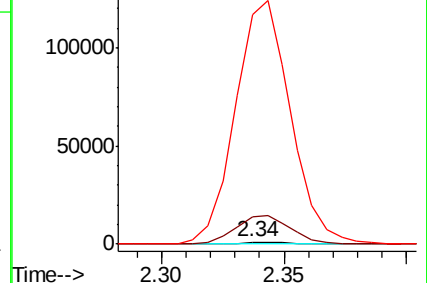
63 12410.2 77.3 143.7#

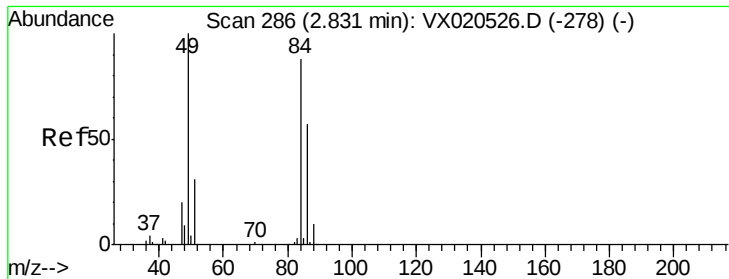


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0

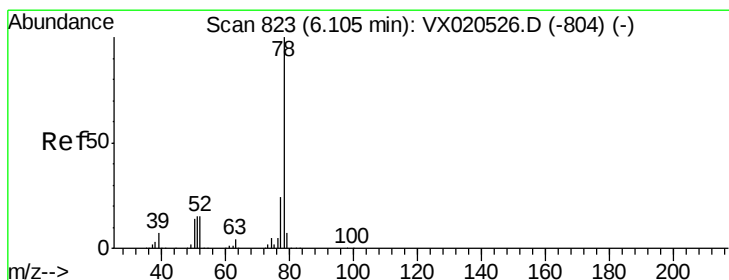
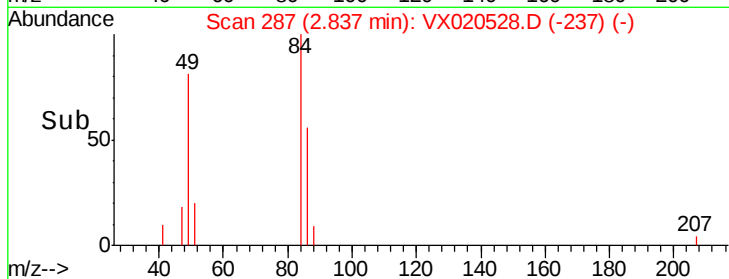
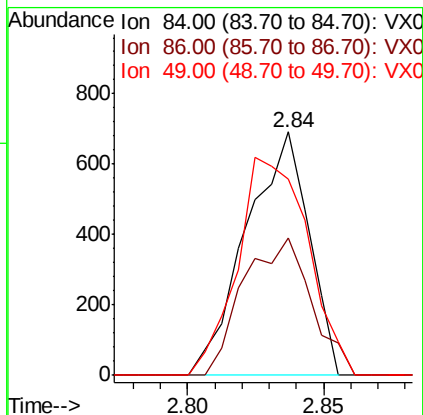
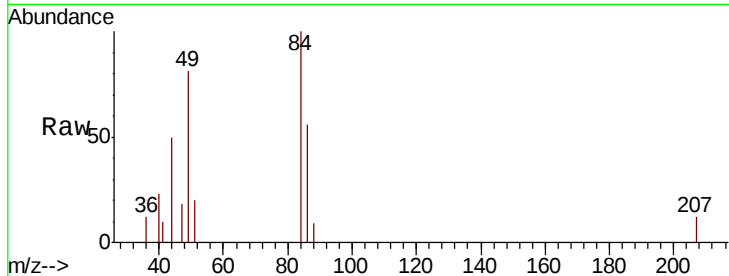




#16
Methvlene chloride
Concen: 0.385 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020528.D
Acq: 07 Jan 2021 13:59

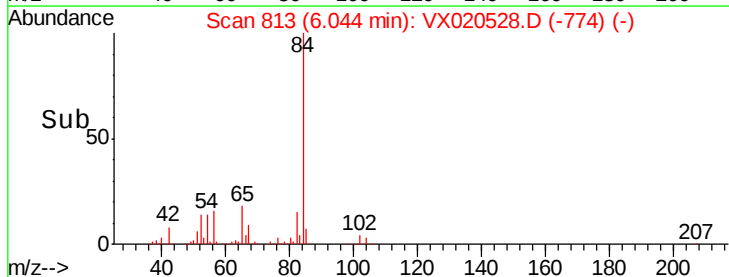
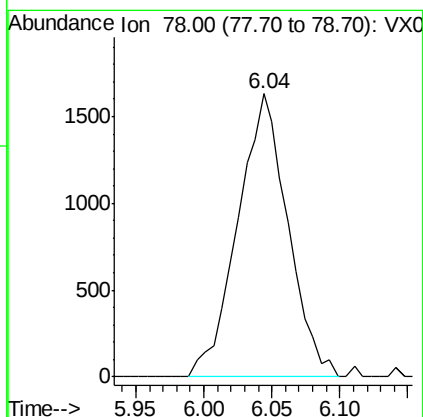
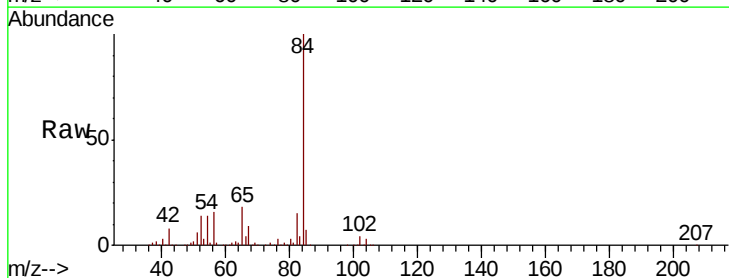
Instrument :
MSVOA_X
ClientSampled :

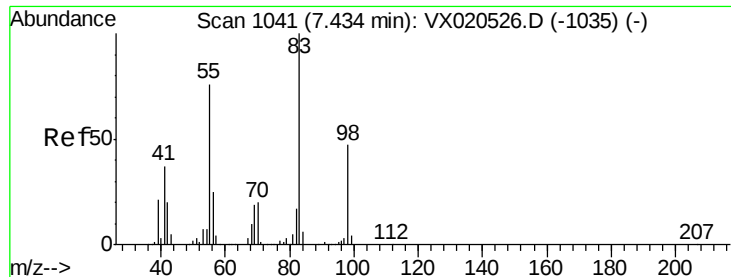
Tot Ion: 84 Resp: 1101
Ion Ratio Lower Upper
84 100
86 56.2 44.2 82.0
49 80.6 77.8 144.6



#33
Benzene
Concen: 0.405 ug/L
RT: 6.04 min Scan# 813
Delta R.T. -0.06 min
Lab File: VX020528.D
Acq: 07 Jan 2021 13:59

Tgt Ion: 78 Resp: 4201

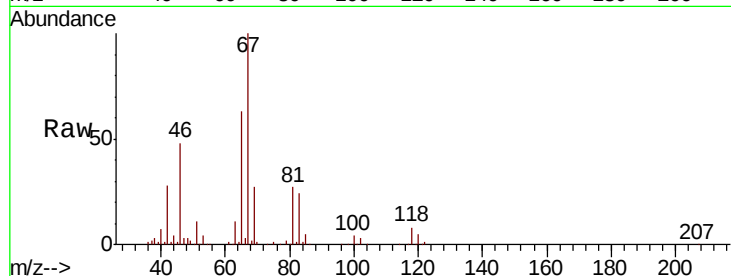




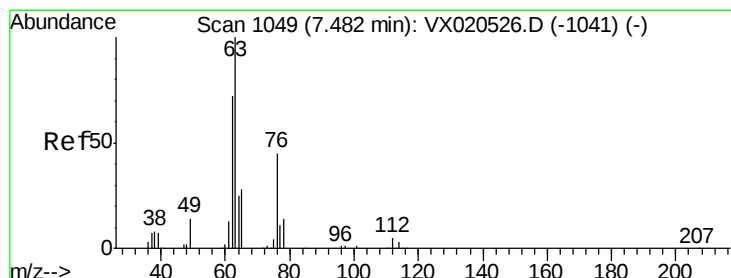
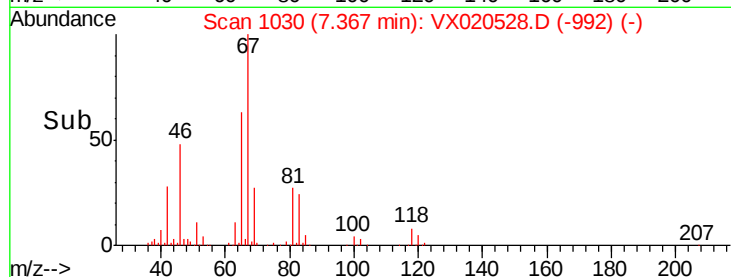
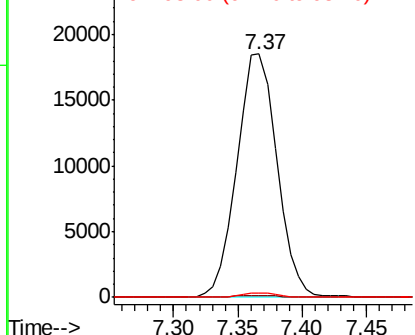
#35
Methvlcvclohexane
Concen: 10.086 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX020528.D
Acq: 07 Jan 2021 13:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 40097
Ion Ratio Lower Upper
83 100
55 0.4 61.2 91.8#
98 1.7 38.7 58.1#

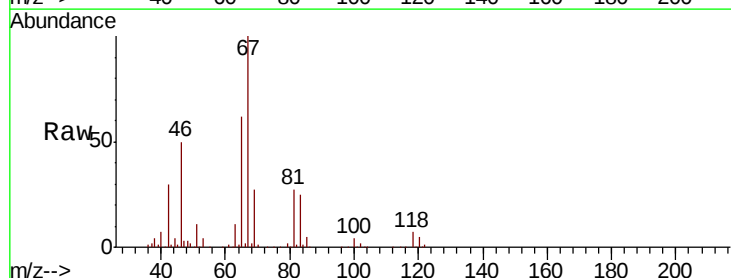


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

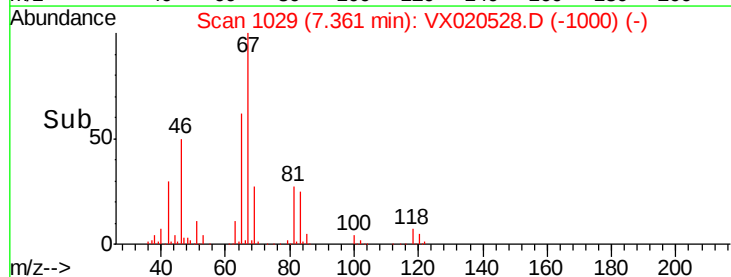
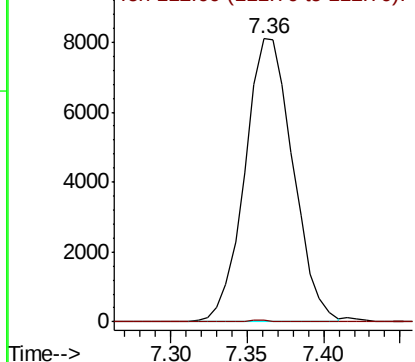


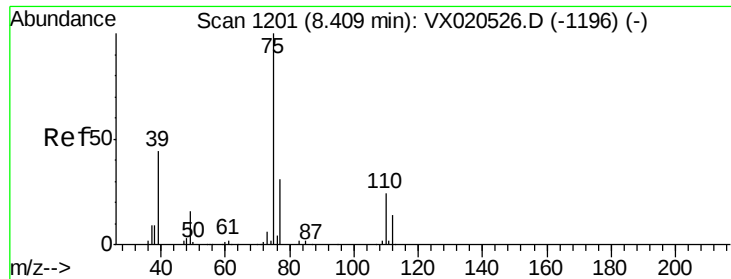
#37
1,2-Dichloropropane
Concen: 6.709 ug/L
RT: 7.36 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VX020528.D
Acq: 07 Jan 2021 13:59

Tgt Ion: 63 Resp: 17671
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 112.00 (111.70 to 112.70): V



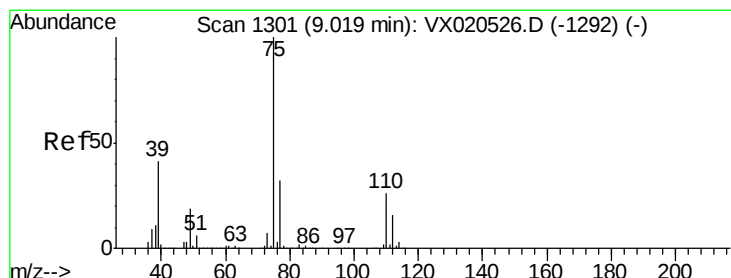
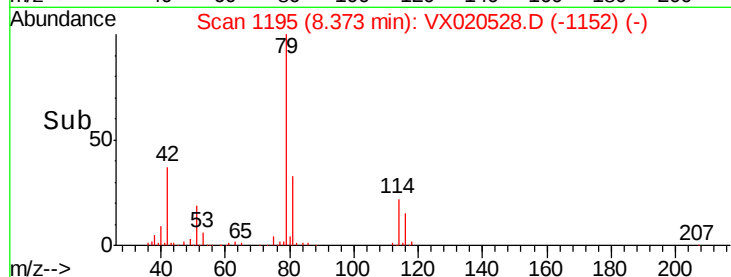
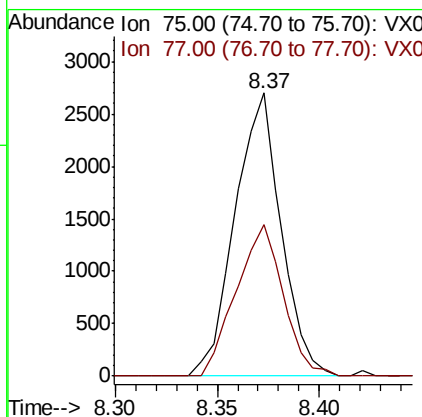
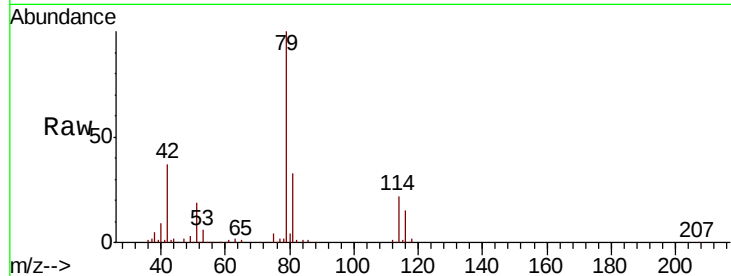


#39

cis-1,3-Dichloropropene
Concen: 1.072 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX020528.D
Acq: 07 Jan 2021 13:59

Instrument :
MSVOA_X
ClientSampleId :

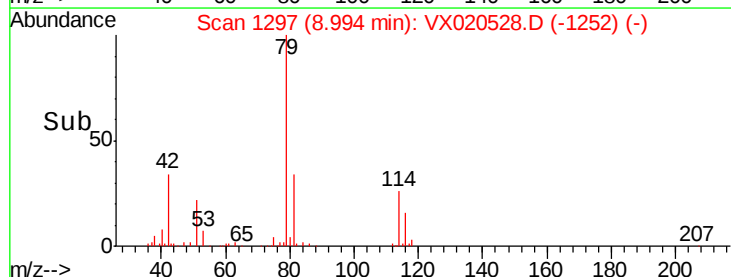
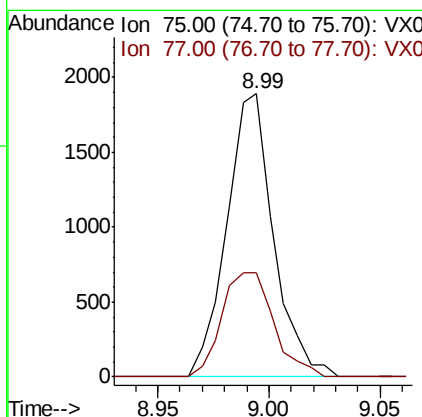
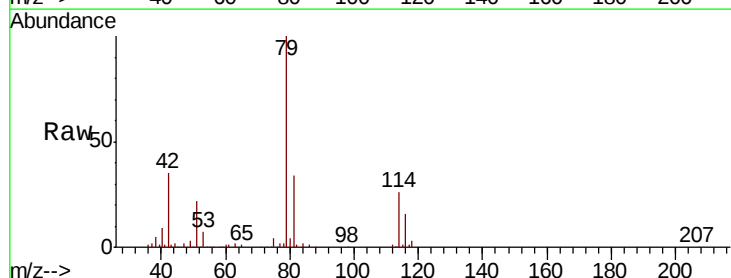
Tot Ion: 75 Resp: 4246
Ion Ratio Lower Upper
75 100
77 53.7 22.7 42.3#

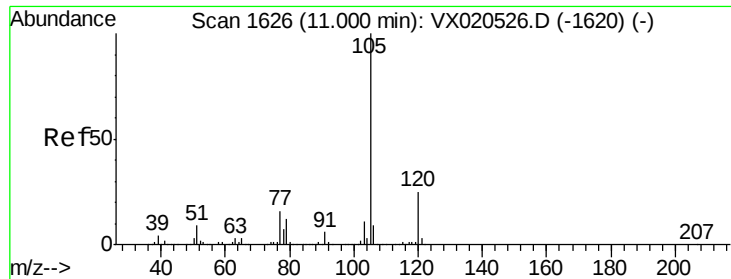


#44

trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 8.99 min Scan# 1297
Delta R.T. -0.02 min
Lab File: VX020528.D
Acq: 07 Jan 2021 13:59

Tgt Ion: 75 Resp: 2769
Ion Ratio Lower Upper
75 100
77 36.9 22.4 41.6





#60

Isopropylbenzene

Concen: 0.007 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX020528.D

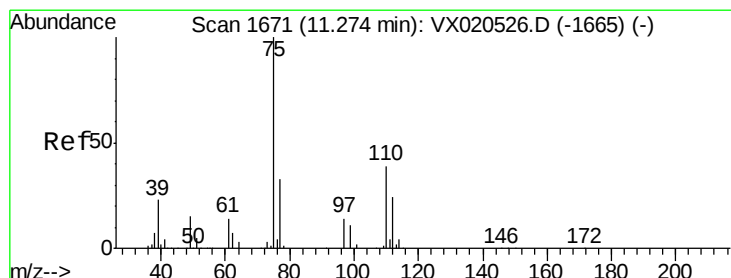
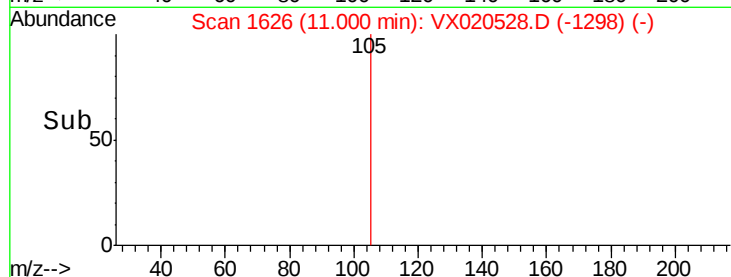
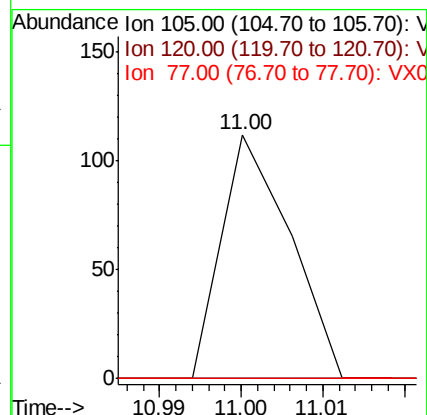
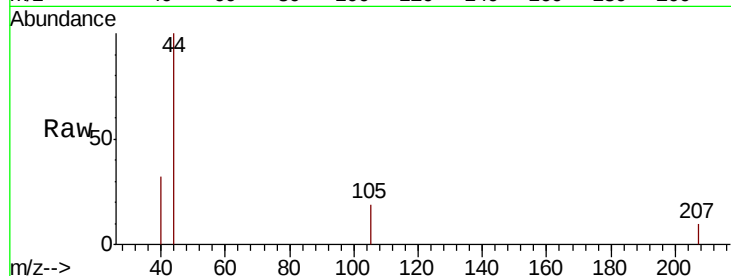
Acq: 07 Jan 2021 13:59

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	105	Resp:	65
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.2	31.8#
77	0.0	12.6	18.8#



#61

1,2,3-Trichloropropane

Concen: 0.017 ug/L

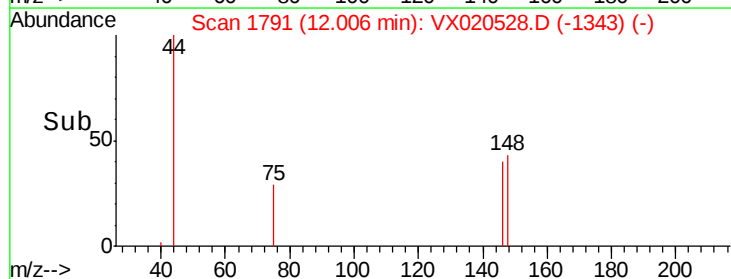
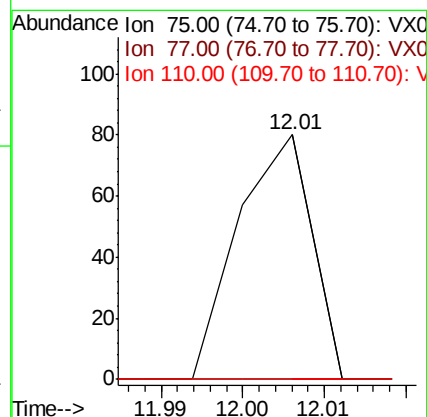
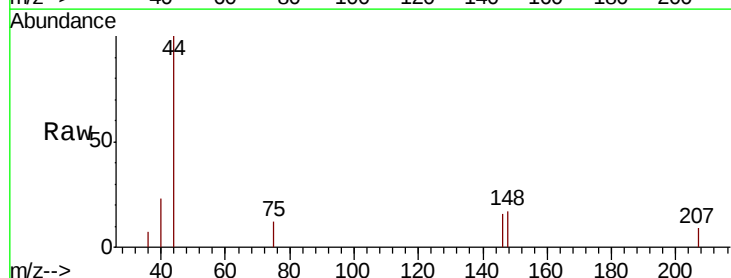
RT: 12.01 min Scan# 1791

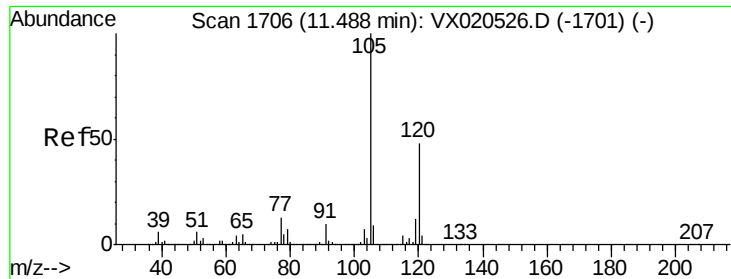
Delta R.T. 0.73 min

Lab File: VX020528.D

Acq: 07 Jan 2021 13:59

Tgt Ion:	75	Resp:	50
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
110	0.0	31.8	47.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.005 ug/L

RT: 11.50 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VX020528.D

Acq: 07 Jan 2021 13:59

Instrument :

MSVOA_X

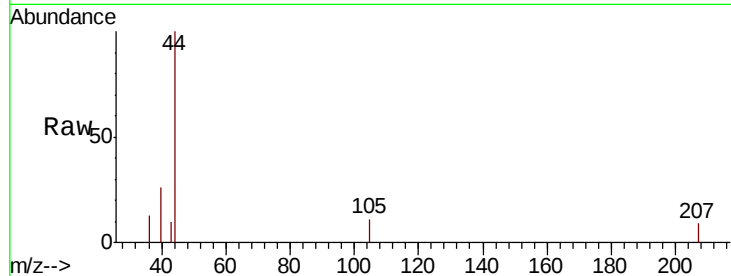
ClientSampleId :

Tot Ion:105 Resp: 42

Ion Ratio Lower Upper

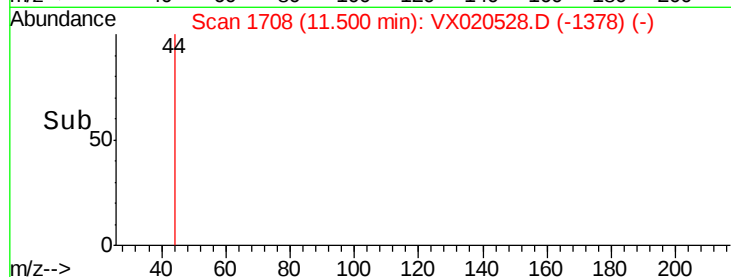
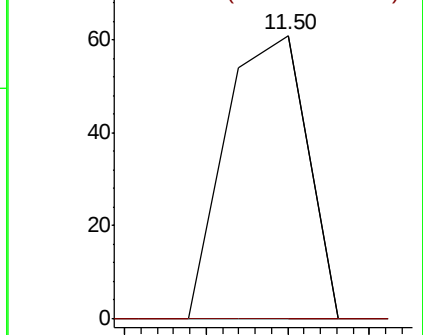
105 100

120 114.3 38.0 57.0#



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: 0.005 ug/L

RT: 11.50 min Scan# 1708

Delta R.T. -0.29 min

Lab File: VX020528.D

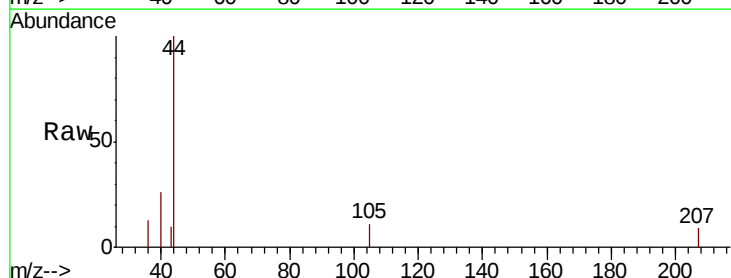
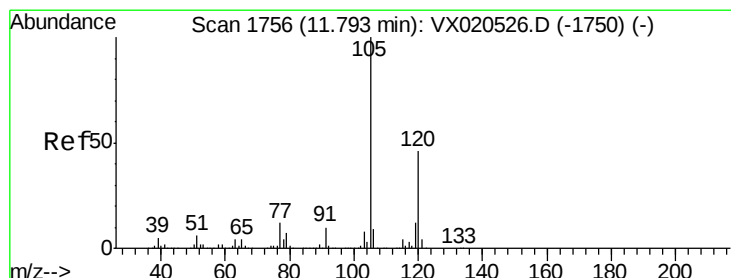
Acq: 07 Jan 2021 13:59

Tgt Ion:105 Resp: 42

Ion Ratio Lower Upper

105 100

120 114.3 36.4 54.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

